Milesight AI Stereo Vision People Counting Sensor

API Specification

Update Time	Applicable Firmware version	Description
2025-09-22	VS125-LW_1.0.3-r2	

Update Time	Applicable Firmware version	Description
2026-05-12	VS125-LW_1.0.5	1. Add UWB KIT . 2. Add OpenVPN. 3. Add Add Occlusion Detection. 4. Add Depth Sensing Calibration. 5. Add DI. 6. Add cooldown period for trigger reports. 7. Support Frame Non-overlapping in multi-device stitching. 8. Add Real-time Data Report . 9. Add the password for the HTTPS direct installation certificate. (VS125-LW-P Only) 10. Add BACnet. (VS125-LW-P Only) 11. Add EAP-TLS authentication type in 802.1x. (VS125-LW-P Only)

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Overview

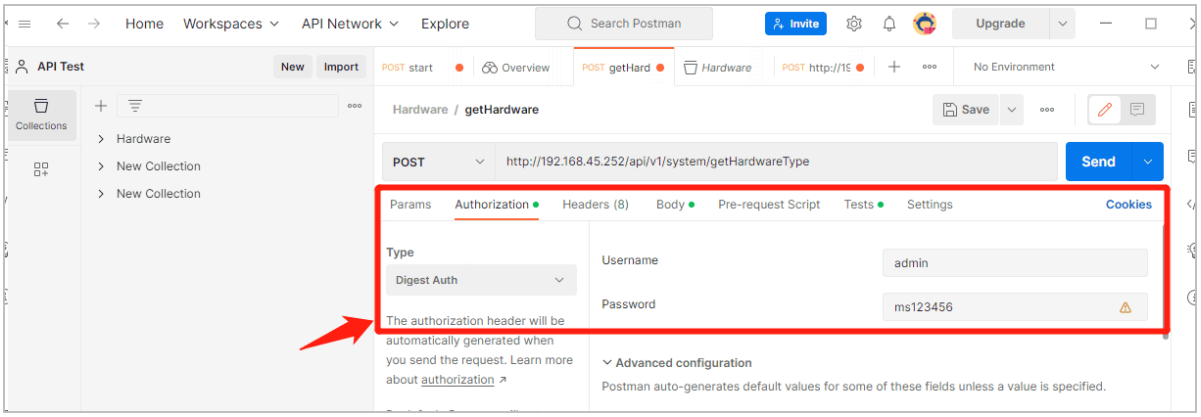
This document specifies the parameters and configuration files for Milesight AI Stereo Vision People Counting sensor VS125-LW.

Permission level

The permission levels column in each parameter table shows the required permission level to operate parameters.
To be able to perform an action on a parameter the user needs to have a permission level equal to or higher than the corresponding permission level of the parameter.

Security level	Description
Admin	Top access right.

Each API call needs to be accompanied with Digest Authentication as the following picture shows.



Algo

getAlgoInfo

- **Path**: /api/v1/system/getAlgoInfo
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to retrieve algorithm configuration.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> cascadeMode	Yes	integer	0：Standalone 1：Master 2：Node	
>> children	Yes	object		
>> >> enable	Yes	boolean		
>> >> threshold	Yes	integer		
>> deploy	Yes	object		
>> >> acceleEnable	Yes	boolean		
>> >> height	Yes	integer		
>> detectExclusion	Yes	object	Obstacle Exclusion	
>> >> enable	Yes	boolean		
>> >> realList	Yes	[object]	The actual filtration area of the device	
>> >> >> deviceId	No	integer	This field appears only when the device is the master device. 0：Master 1-15：Node ID	
>> >> >> list	Yes	[object]		

Name	Required	Type	Description	Scope
>> >> >> >> coords	No	[object]	\	
>> >> >> >> >> x	Yes	integer		
>> >> >> >> >> y	Yes	integer		
>> >> >> >> id	No	integer	Region Number	
>> >> >> >> type	No	integer	0：Detection Exclusion 1：Height Exclusion	
>> >> mapList	No	[object]	The mapping obstacle filtration area of the master and slave devices is returned only when the device is the master device.	
>> >> >> deviceId	No	integer	0：Master 1-15：Node ID	
>> >> >> list	No	[object]		
>> >> >> >> id	No	integer	Region Number	
>> >> >> >> type	No	integer	0：Detection Exclusion 1：Height Exclusion	
>> >> >> >> coords	No	[object]		
>> >> >> >> >> x	No	integer		
>> >> >> >> >> y	No	integer		
>> detectModelType	Yes	integer	Detection Algorithm Setting： 0：RGB+DEPTH 1：RGB 2：DEPTH	
>> detectScope	Yes	object		
>> >> maxHeight	Yes	integer		
>> >> minHeight	Yes	integer		
>> gazeDetect	Yes	object	View Direction Detection	
>> >> enable	Yes	boolean		
>> >> fov	Yes	integer	The field of view angle in the direction of gaze	
>> >> list	Yes	[object]	A list of items to be rendered for gaze detection visualization	

Name	Required	Type	Description	Scope
>> >> >> attentionRegion	Yes	[object]	Attention Region	
>> >> >> >> x	Yes	integer		
>> >> >> >> y	Yes	integer		
>> >> >> attentionTimeMin	Yes	integer	Min. Attention Time	
>> >> >> detectTimeMin	Yes	integer	The minimum duration (in milliseconds) required for a single gaze to be considered valid.	
>> >> >> effectiveRegion	Yes	[object]	Effective Sight Region	
>> >> >> >> x	Yes	integer		
>> >> >> >> y	Yes	integer		
>> >> >> id	Yes	integer		
>> >> >> uuid	Yes	string		
>> groupCount	Yes	object		
>> >> countMax	Yes	integer	The maximum number of a group	
>> >> countMin	Yes	integer	The minimum number of a group	
>> >> enable	Yes	boolean		
>> heatMap	Yes	object		
>> >> enable	Yes	boolean		
>> historyTrackPoint	Yes	object		
>> >> enable	Yes	boolean		
>> lineInfo	Yes	object		
>> >> enable	Yes	boolean		
>> >> list	Yes	[object]		
>> >> >> coords	Yes	[object]		
>> >> >> >> x	Yes	integer		
>> >> >> >> y	Yes	integer		

Name	Required	Type	Description	Scope
>> >> >> flip	Yes	boolean		
>> >> >> id	Yes	integer		
>> >> >> name	Yes	string		
>> >> >> uturnCoords	Yes	[object]		
>> >> >> >> x	Yes	integer		
>> >> >> >> y	Yes	integer		
>> >> >> uturnEnable	Yes	boolean		
>> >> >> uuid	Yes	string		
>> regionInfo	Yes	object		
>> >> enable	Yes	boolean		
>> >> list	Yes	[object]		
>> >> >> coords	No	[object]		
>> >> >> >> x	Yes	integer		
>> >> >> >> y	Yes	integer		
>> >> >> count	No	object		
>> >> >> >> enable	Yes	boolean		
>> >> >> >> timeMin	Yes	integer	Unit:s, Range:0-3600	
>> >> >> dwellTime	No	object		
>> >> >> >> enable	Yes	boolean		
>> >> >> >> timeMin	Yes	integer	Unit:s, Range:0-3600	
>> >> >> id	No	integer		
>> >> >> name	No	string		
>> >> >> uuid	No	string		
>> resetOnSchedule	Yes	object		
>> >> enable	Yes	boolean		
>> >> list	Yes	[object]		

Name	Required	Type	Description	Scope
>> >> >> date	No	[integer]	0: Sunday 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday	
>> >> >> time	No	string	Start time, in the format of 17:00	
>> sex	Yes	object		
>> >> enable	Yes	boolean		
>> showDetectBox	Yes	object		
>> >> depth	Yes	boolean		
>> >> enable	Yes	boolean		
>> >> merge	Yes	boolean		
>> >> real	Yes	boolean		
>> staffDetect	Yes	object		
>> >> detectType	Yes	integer	0：Staff Lanyard 1：Staff Badge 2：Staff Epaulet 3：UWB	
>> >> enable	Yes	boolean		
>> >> sensitivity	Yes	integer	0-100	
>> >> uwb	Yes	object		
>> >> >> mode	Yes	integer	UWB mode 0: auto mode 1: Pre-registration Mode	
>> >> >> anchor	Yes	object		
>> >> >> >> sn	Yes	string	SN of the UWB anchor.	
>> >> >> >> status	Yes	integer	The connection status of the UWB base station. 0: Connected 1: Disconnected 2: Upgrading 3: Booting	

Name	Required	Type	Description	Scope
>> >> >> >> version	Yes	string	UWB firmware version number. Returns empty when the device is not connected.	
>> >> >> isCalibrate	Yes	boolean	Whether calibration is performed.	
>> >> >> tagList	Yes	[object]		
>> >> >> >> sn	Yes	string	SN of the tag.	
>> >> >> >> status	Yes	integer	The connection status of the tag. 1: Connected 2: Disconnected	
>> >> >> >> battery	Yes	integer	The battery level of the tag, represented as a string from "0" to "100". Returns "-1" if the battery level is not detected.	
>> trackMode	Yes	integer	0:Heads Tracking 1:Feet Tracking	
>> liveReport	Yes	object	Real-Time Reporting	
>> >> intervalMs	Yes	integer	Real-time reporting interval, minimum 200ms	
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "cascadeMode": 0,
        "children": {
            "enable": true,
            "threshold": 1300
        },
        "deploy": {
            "acceleEnable": true,
            "height": 3000
        },
        "detectExclusion": {
            "enable": true,
            "realList": [
                {
```

```
                "deviceId": 0,
                "list": [
                    {
                        "coords": [
                            {
                                "x": 663,
                                "y": 122
                            },
                            {
                                "x": 618,
                                "y": 446
                            },
                            {
                                "x": 801,
                                "y": 438
                            }
                        ],
                        "id": 0,
                        "type": 0
                    }
                ]
            }
        ]
    },
    "detectModelType": 0,
    "detectScope": {
        "maxHeight": 2000,
        "minHeight": 1000
    },
    "gazeDetect": {
        "enable": true,
        "fov": 30,
        "list": [
            {
                "attentionRegion": [
                    {
                        "x": 500,
                        "y": 178
                    },
                    {
                        "x": 470,
                        "y": 401
                    },
                    {
                        "x": 648,
                        "y": 405
                    },
                    {
                        "x": 686,
                        "y": 179
                    }
                ],
                "attentionTimeMin": 3,
                "detectTimeMin": 1,
                "effectiveRegion": [
                    {
```

```
                        "x": 324,
                        "y": 181
                    },
                    {
                        "x": 317,
                        "y": 391
                    },
                    {
                        "x": 412,
                        "y": 394
                    },
                    {
                        "x": 426,
                        "y": 177
                    }
                ],
                "id": 0,
                "uuid": "76ad5a5a-b2e3-43ee-839a-adc6cacb5a9e"
            }
        ]
    },
    "groupCount": {
        "countMax": 20,
        "countMin": 1,
        "enable": false
    },
    "heatMap": {
        "enable": false
    },
    "historyTrackPoint": {
        "enable": true
    },
    "lineInfo": {
        "enable": true,
        "list": [
            {
                "coords": [
                    {
                        "x": 960,
                        "y": 270
                    },
                    {
                        "x": 720,
                        "y": 270
                    },
                    {
                        "x": 480,
                        "y": 270
                    },
                    {
                        "x": 240,
                        "y": 270
                    },
                    {
                        "x": 0,
                        "y": 270
```

```
                    }
                ],
                "flip": false,
                "id": 0,
                "name": "Line1",
                "uturnCoords": [
                    {
                        "x": 412,
                        "y": 105
                    },
                    {
                        "x": 307,
                        "y": 315
                    },
                    {
                        "x": 520,
                        "y": 359
                    },
                    {
                        "x": 604,
                        "y": 325
                    },
                    {
                        "x": 624,
                        "y": 312
                    }
                ],
                "uturnEnable": true,
                "uuid": "6fbf29d3-21ee-4e95-9977-0e3dee6bd9df"
            }
        ]
    },
    "regionInfo": {
        "enable": true,
        "list": [
            {
                "coords": [
                    {
                        "x": -87,
                        "y": -758
                    },
                    {
                        "x": 1967,
                        "y": -758
                    },
                    {
                        "x": 1967,
                        "y": 798
                    },
                    {
                        "x": -87,
                        "y": 798
                    }
                ],
                "count": {
                    "enable": true,
```

```
                    "timeMin": 5
                },
                "dwellTime": {
                    "enable": false,
                    "timeMin": 5
                },
                "id": 0,
                "name": "Region1",
                "uuid": "7fb8ea84-6d73-4a5e-a991-a0b272f64929"
            }
        ]
    },
    "resetOnSchedule": {
        "enable": false,
        "list": [
            {
                "date": [
                    0,
                    1,
                    2,
                    3,
                    4,
                    5,
                    6
                ],
                "time": "00:00"
            }
        ]
    },
    "sex": {
        "enable": true
    },
    "showDetectBox": {
        "depth": true,
        "enable": false,
        "merge": true,
        "real": true
    },
    "staffDetect": {
        "detectType": 0,
        "enable": true,
        "sensitivity": 50,
        "uwb": {
            "anchor": {
                "sn": "6703F51671290001",
                "status": 0,
                "version": "V_UWB.1.1-a4"
            },
            "isCalibrate": true,
            "mode": 1,
            "tagList": [
                {
                    "battery": -1,
                    "sn": "6704F51159950005",
                    "status": 2
                },
```

```
                    {
                        "battery": -1,
                        "sn": "670405C017F60003",
                        "status": 2
                    }
                ]
            }
        },
        "liveReport": {
            "intervalMs": 500
        },
        "trackMode": 0
    },
    "message": "ok",
    "transmitTime": 5
}
```


- Response example: ***Master Device Return***


```
{
    "code": 0,
    "data": {
        "cascadeMode": 1,
        "children": {
            "enable": true,
            "threshold": 1300
        },
        "deploy": {
            "acceleEnable": true,
            "height": 3000
        },
        "detectExclusion": {
            "enable": true,
            "mapList": [
                {
                    "deviceId": 0,
                    "list": [
                        {
                            "coords": [
                                {
                                    "x": 413,
                                    "y": 206
                                },
                                {
                                    "x": 354,
                                    "y": 399
                                },
                                {
                                    "x": 650,
                                    "y": 390
                                }
                            ],
                            "id": 0,
                            "type": 0
                        }
                    ]
```

```
            },
            {
                "deviceId": 1,
                "list": [
                    {
                        "coords": [
                            {
                                "x": -407,
                                "y": 110
                            },
                            {
                                "x": -510,
                                "y": 355
                            },
                            {
                                "x": -190,
                                "y": 351
                            },
                            {
                                "x": -141,
                                "y": 177
                            }
                        ],
                        "id": 0,
                        "type": 1
                    }
                ]
            }
        ],
        "realList": [
            {
                "deviceId": 0,
                "list": [
                    {
                        "coords": [
                            {
                                "x": 413,
                                "y": 206
                            },
                            {
                                "x": 354,
                                "y": 399
                            },
                            {
                                "x": 650,
                                "y": 390
                            }
                        ],
                        "id": 0,
                        "type": 0
                    }
                ]
            },
            {
                "deviceId": 1,
                "list": [
```

```
                    {
                        "coords": [
                            {
                                "x": 359,
                                "y": 118
                            },
                            {
                                "x": 295,
                                "y": 348
                            },
                            {
                                "x": 616,
                                "y": 358
                            },
                            {
                                "x": 655,
                                "y": 192
                            }
                        ],
                        "id": 0,
                        "type": 1
                    }
                ]
            }
        ]
    },
    "detectModelType": 0,
    "detectScope": {
        "maxHeight": 2000,
        "minHeight": 1000
    },
    "gazeDetect": {
        "enable": false,
        "fov": 30
    },
    "groupCount": {
        "countMax": 20,
        "countMin": 1,
        "enable": true
    },
    "heatMap": {
        "enable": false
    },
    "historyTrackPoint": {
        "enable": true
    },
    "lineInfo": {
        "enable": true,
        "list": [
            {
                "coords": [
                    {
                        "x": 960,
                        "y": 270
                    },
                    {
```

```
                        "x": 720,
                        "y": 270
                    },
                    {
                        "x": 480,
                        "y": 270
                    },
                    {
                        "x": 240,
                        "y": 270
                    },
                    {
                        "x": 0,
                        "y": 270
                    }
                ],
                "flip": false,
                "id": 0,
                "name": "Line1",
                "uturnCoords": [
                    {
                        "x": 379,
                        "y": 145
                    },
                    {
                        "x": 327,
                        "y": 390
                    },
                    {
                        "x": 723,
                        "y": 397
                    },
                    {
                        "x": 716,
                        "y": 184
                    }
                ],
                "uturnEnable": true,
                "uuid": "7b03522e-2693-4d9e-a6fe-2f4199f8c190"
            }
        ]
    },
    "regionInfo": {
        "enable": true,
        "list": [
            {
                "coords": [
                    {
                        "x": -236,
                        "y": 128
                    },
                    {
                        "x": -211,
                        "y": 480
                    },
                    {
```

```
                            "x": 667,
                            "y": 463
                        },
                        {
                            "x": 706,
                            "y": 177
                        }
                    ],
                    "count": {
                        "enable": true,
                        "timeMin": 5
                    },
                    "dwellTime": {
                        "enable": true,
                        "timeMin": 5
                    },
                    "id": 0,
                    "name": "Region1",
                    "uuid": "71f08f2f-eb73-4bd7-af29-151905fd2420"
                }
            ]
        },
        "resetOnSchedule": {
            "enable": false,
            "list": [
                {
                    "date": [
                        0,
                        1,
                        2,
                        3,
                        4,
                        5,
                        6
                    ],
                    "time": "00:00"
                }
            ]
        },
        "sex": {
            "enable": true
        },
        "showDetectBox": {
            "depth": true,
            "enable": false,
            "merge": true,
            "real": true
        },
        "staffDetect": {
            "detectType": 0,
            "enable": true,
            "sensitivity": 50
        },
        "trackMode": 1
    },
    "message": "ok",
```

```
    "transmitTime": 9
}
```

setAlgoInfo

- **Path**: /api/v1/system/setAlgoInfo
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to set algorithm configuration.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
children	Yes	object		
>> enable	Yes	boolean		
>> threshold	Yes	integer		
deploy	Yes	object		
>> height	Yes	integer		
>> acceleEnable	Yes	boolean		
detectScope	Yes	object		
>> maxHeight	Yes	integer		
>> minHeight	Yes	integer		
regionInfo	Yes	object		
>> enable	Yes	boolean		
sex	Yes	object		
>> enable	Yes	boolean		
trackMode	Yes	integer	0:Heads Tracking 1: Feet Tracking	
resetOnSchedule	Yes	object		
>> enable	Yes	boolean		
>> list	Yes	[object]		

Name	Required	Type	Description	Scope
>> >> date	No	[integer]	0: Sunday 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday	
>> >> time	No	string	Start time, in the format of 17:00	
staffDetect	Yes	object		
>> enable	Yes	boolean		
>> sensitivity	Yes	integer	0-100	
>> detectType	Yes	integer	0：Staff Lanyard 1：Staff Badge 2：Staff Epaulet 3：UWB	
>> uwb	No	object		
>> >> mode	No	integer	UWB mode 0: auto mode 1: Pre-registration Mode	
>> >> showTagTrack	No	boolean	Display the trajectory line of the tag.	
>> >> mapRange	No	integer	The mapping range of the UWB. 0: Adjusted based on installation height 1: Adjusted based on calibration result	
groupCount	Yes	object		
>> enable	Yes	boolean		
>> countMax	Yes	integer	The maximum value of the group count	
>> countMin	Yes	integer	The minimum value of the group count	
heatMap	Yes	object		
>> enable	Yes	boolean		
cascadeMode	Yes	integer	0: Standalone 1: Master 2: Node	

Name	Required	Type	Description	Scope
showDetectBox	Yes	object		
>> depth	Yes	boolean		
>> enable	Yes	boolean		
>> merge	Yes	boolean		
>> real	Yes	boolean		
detectExclusion	Yes	object	Obstacle removal feature.	
>> enable	Yes	boolean		
historyTrackPoint	Yes	object		
>> enable	Yes	boolean		
detectModelType	Yes	integer	Detection algorithm type: 0：RGB+Depth 1：RGB 2：Depth	
gazeDetect	Yes	object	View Direction Detection	
>> enable	Yes	boolean		
>> fov	Yes	integer	The field of view angle in the direction of gaze	
liveReport	Yes	object	Real-Time Reporting	
>> intervalMs	Yes	integer	Real-time reporting interval, minimum 200ms	

- Body example


```
{
    "children": {
        "enable": true,
        "threshold": 1300
    },
    "deploy": {
        "height": 3200,
        "acceleEnable": true
    },
    "detectScope": {
        "maxHeight": 2000,
        "minHeight": 500
    },
    "regionInfo": {
        "enable": true
    },
    "sex": {
        "enable": false
    },
```

```
    "trackMode": 1,
    "resetOnSchedule": {
        "enable": true,
        "list": [
            {
                "date": [
                    0,
                    1,
                    2,
                    3,
                    4,
                    5,
                    6
                ],
                "time": "09:00"
            }
        ]
    },
    "staffDetect": {
        "enable": true,
        "sensitivity": 10,
        "detectType": 1,
        "uwb": {
            "mode": 0,
            "showTagTrack": true,
            "mapRange": 0
        }
    },
    "groupCount": {
        "enable": true,
        "countMax": 5,
        "countMin": 2
    },
    "heatMap": {
        "enable": true
    },
    "cascadeMode": 1,
    "showDetectBox": {
        "depth": true,
        "enable": true,
        "merge": true,
        "real": true
    },
    "detectExclusion": {
        "enable": false
    },
    "historyTrackPoint": {
        "enable": false
    },
    "detectModelType": 0,
    "gazeDetect": {
        "enable": true,
        "fov": 30
    },
    "liveReport": {
        "intervalMs": 500
```

```
    }
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 159
}
```

  - Response example: ***Playback recording***

```
{
    "code": 904,
    "message": "Playback recording",
    "transmitTime": 4
}
```

setDetectArea

- **Path**: /api/v1/system/setDetectArea
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Set up drawing of detection lines or detection regions.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
line	No	object		
>> id	No	integer		
>> name	No	string		
>> uuid	No	string		
>> uturnEnable	No	boolean		
>> coords	No	[object]		
>> >> x	No	number		
>> >> y	No	number		
>> uturnCoords	No	[object]		
>> >> x	Yes	number		
>> >> y	Yes	number		
>> flip	No	boolean		
region	No	object		
>> id	No	integer		
>> name	No	string		
>> uuid	No	string		
>> coords	No	[object]		
>> >> x	No	number		
>> >> y	No	number		
>> count	No	object		
>> >> enable	Yes	boolean		
>> >> timeMin	Yes	integer	Unit: s, 0-3600	
>> dwellTime	No	object		
>> >> enable	Yes	boolean		
>> >> timeMin	Yes	integer	Unit:s, 0-3600	
detectExclusion	No	[object]		
>> deviceId	No	integer	Used only in cascade mode 0: Master device 1-15: Slave devices	
>> list	No	[object]		

Name	Required	Type	Description	Scope
>> >> id	No	integer	Region Number	
>> >> type	No	integer	0: Detection Exclusion, 1:Height Exclusion	
>> >> coords	No	[object]		
>> >> >> x	No	integer		
>> >> >> y	No	integer		
gazeDetect	No	object		
>> id	No	integer	ID number	
>> uuid	No	string	If left empty, a UUID will be automatically generated.	
>> attentionRegion	No	[object]	Attention Region	
>> >> x	No	integer		
>> >> y	No	integer		
>> effectiveRegion	No	[object]	Effective Sight Region	
>> >> x	No	integer		
>> >> y	No	integer		
>> attentionTimeMin	No	integer	Min. Attention Time	1 ~ 60
>> detectTimeMin	No	integer	The minimum duration (in milliseconds) required for a single gaze to be considered valid.	

- Body example


```
{
    "line": {
        "id": 0,
        "name": "Line1111",
        "uuid": "",
        "coords": [
            {
                "x": 159,
                "y": 429
            },
            {
                "x": 563,
                "y": 269
            }
        ],
```

```
        "uturnCoords": [
            {
                "x": 103,
                "y": 211
            },
            {
                "x": 135,
                "y": 397
            },
            {
                "x": 471,
                "y": 359
            },
            {
                "x": 617,
                "y": 181
            },
            {
                "x": 695,
                "y": 111
            }
        ],
        "flip": true,
        "uturnEnable": true
    },
    "region": {
        "id": 0,
        "name": "chenjsRegion",
        "uuid": "",
        "coords": [
            {
                "x": 111,
                "y": 107
            },
            {
                "x": 107,
                "y": 477
            },
            {
                "x": 423,
                "y": 477
            },
            {
                "x": 655,
                "y": 277
            }
        ],
        "count": {
            "enable": true,
            "timeMin": 10
        },
        "dwellTime": {
            "enable": true,
            "timeMin": 30
        }
    },
```

```
    "detectExclusion": [
        {
            "deviceId": 0,
            "list": [
                {
                    "id": 0,
                    "type": 1,
                    "coords": [
                        {
                            "x": 44,
                            "y": 88
                        },
                        {
                            "x": 144,
                            "y": 88
                        }
                    ]
                }
            ]
        },
        {
            "deviceId": 1,
            "list": [
                {
                    "id": 0,
                    "type": 0,
                    "coords": [
                        {
                            "x": 44,
                            "y": 88
                        }
                    ]
                }
            ]
        }
    ],
    "gazeDetect": {
        "attentionTimeMin": 3,
        "id": 0,
        "attentionRegion": [
            {
                "x": 500,
                "y": 178
            },
            {
                "x": 470,
                "y": 401
            },
            {
                "x": 648,
                "y": 405
            },
            {
                "x": 686,
                "y": 179
            }
```

```
        ],
        "effectiveRegion": [
            {
                "x": 324,
                "y": 181
            },
            {
                "x": 317,
                "y": 391
            },
            {
                "x": 412,
                "y": 394
            },
            {
                "x": 426,
                "y": 177
            }
        ],
        "detectTimeMin": 1,
        "uuid": "76ad5a5a-b2e3-43ee-839a-adc6cacb5a9e"
    }
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	No	object		
>> id	No	integer	ID of the Detection Line or Area for the Operation.	
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "id": 0
    },
    "message": "ok",
    "transmitTime": 2
}
```

- Response example: ***Detection area ID reaches upper limit.***

```
{
    "code": 602,
    "message": "Detection area ID reaches upper limit.",
    "transmitTime": 1
}
```

- Response example: ***Detection area ID is invalid.***

```
{
    "code": 601,
    "message": "Detection area ID is invalid.",
    "transmitTime": 2
}
```

- Response example: ***Detection area exclusion type error.***

```
{
    "code": 605,
    "message": "Detection area exclusion type error.",
    "transmitTime": 4
}
```

- Response example: ***Playback recording***

```
{
    "code": 904,
    "message": "Playback recording",
    "transmitTime": 7
}
```

- Response example: ***Bacnet service is running.***

```
{
    "code": 606,
    "message": "Bacnet service is running.",
    "transmitTime": 4
}
```

deleteDetectArea

- **Path**: /api/v1/system/deleteDetectArea
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Delete detection lines or detection regions.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
id	Yes	integer		
event	Yes	integer	0: Detection lines. 1: Detection regions. 2: View Direction Detection	

- Body example

```
{
    "id": 0,
    "event": 0
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 1
}
```

  - Response example: ***Detection area ID is invalid.***

```
{
    "code": 601,
    "message": "Detection area ID is invalid.",
    "transmitTime": 2
}
```

  - Response example: ***Playback recording***

```
{
    "code": 904,
    "message": "Playback recording",
    "transmitTime": 4
}
```

- Response example: ***Bacnet service is running.***

```
{
    "code": 606,
    "message": "Bacnet service is running.",
    "transmitTime": 4
}
```

resetDetectResult

- **Path**: /api/v1/system/resetDetectResult
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Reset detection result.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
lineId	No	[integer]		
regionId	No	[integer]		
gazeId	No	[integer]		
triggerDin	No	boolean	Reset DI trigger count when set to true	

- Body example

```
{
    "lineId": [
        1,
        2,
        3
    ],
    "regionId": [
        0,
        2
```

```
    ],
    "gazeId": [
        0,
        2
    ],
    "triggerDin": true
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 2
}
```

getDetectResult

- **Path**: /api/v1/system/getDetectResult
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
To get the result of detection.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		

Name	Required	Type	Description	Scope
data	Yes	object		
>> gaze	No	[object]		
>> >> id	Yes	integer	ID of the gaze region	
>> >> total	Yes	object	The total number of gaze areas detected, excluding children and staff.	
>> >> >> avg	Yes	integer		
>> >> >> num	Yes	integer		
>> >> >> max	Yes	integer		
>> >> >> femaleAvg	Yes	integer		
>> >> >> femaleMax	Yes	integer		
>> >> >> femaleNum	Yes	integer		
>> >> >> maleAvg	Yes	integer		
>> >> >> maleMax	Yes	integer		
>> >> >> maleNum	Yes	integer		
>> >> child	No	object	The number of children detected within the gaze area.	
>> >> >> avg	Yes	integer		
>> >> >> femaleAvg	Yes	integer		
>> >> >> femaleMax	Yes	integer		
>> >> >> femaleNum	Yes	integer		
>> >> >> maleAvg	Yes	integer		
>> >> >> maleMax	Yes	integer		

Name	Required	Type	Description	Scope
>> >> >> maleNum	Yes	integer		
>> >> >> max	Yes	integer		
>> >> >> num	Yes	integer		
>> >> staff	No	object	The number of staff detected within the gaze area.	
>> >> >> avg	Yes	integer		
>> >> >> femaleAvg	Yes	integer		
>> >> >> femaleMax	Yes	integer		
>> >> >> femaleNum	Yes	integer		
>> >> >> maleAvg	Yes	integer		
>> >> >> maleMax	Yes	integer		
>> >> >> maleNum	Yes	integer		
>> >> >> max	Yes	integer		
>> >> >> num	Yes	integer		
>> line	No	[object]		
>> >> child	No	object		
>> >> >> femaleIn	Yes	integer		
>> >> >> femaleOut	Yes	integer		
>> >> >> in	Yes	integer		
>> >> >> maleIn	Yes	integer		
>> >> >> maleOut	Yes	integer		
>> >> >> out	Yes	integer		
>> >> id	No	integer		
>> >> staff	No	object		

Name	Required	Type	Description	Scope
>> >> >> femaleIn	Yes	integer		
>> >> >> femaleOut	Yes	integer		
>> >> >> in	Yes	integer		
>> >> >> maleIn	Yes	integer		
>> >> >> maleOut	Yes	integer		
>> >> >> out	Yes	integer		
>> >> total	No	object		
>> >> >> femaleIn	Yes	integer		
>> >> >> femaleOut	Yes	integer		
>> >> >> in	Yes	integer		
>> >> >> maleIn	Yes	integer		
>> >> >> maleOut	Yes	integer		
>> >> >> out	Yes	integer		
>> >> group	No	object		
>> >> >> in	No	integer		
>> >> >> out	No	integer		
>> region	No	[object]		
>> >> count	No	object		
>> >> >> child	No	object		
>> >> >> >> female	No	integer		
>> >> >> >> male	No	integer		
>> >> >> >> total	No	integer		
>> >> >> total	No	object		

Name	Required	Type	Description	Scope
>> >> >> >> female	No	integer		
>> >> >> >> male	No	integer		
>> >> >> >> total	No	integer		
>> >> >> staff	No	object		
>> >> >> >> female	No	integer		
>> >> >> >> male	No	integer		
>> >> >> >> total	No	integer		
>> >> dwellTime	No	object		
>> >> >> child	No	object		
>> >> >> >> avg	No	integer		
>> >> >> >> max	No	integer		
>> >> >> >> femaleAvg	No	integer		
>> >> >> >> femaleMax	No	integer		
>> >> >> >> maleAvg	No	integer		
>> >> >> >> maleMax	No	integer		
>> >> >> total	No	object		
>> >> >> >> avg	No	integer		
>> >> >> >> max	No	integer		
>> >> >> >> femaleAvg	No	integer		
>> >> >> >> femaleMax	No	integer		
>> >> >> >> maleAvg	No	integer		

Name	Required	Type	Description	Scope
>> >> >> >> maleMax	No	integer		
>> >> >> staff	No	object		
>> >> >> >> avg	No	integer		
>> >> >> >> femaleAvg	No	integer		
>> >> >> >> femaleMax	No	integer		
>> >> >> >> maleAvg	No	integer		
>> >> >> >> maleMax	No	integer		
>> >> >> >> max	No	integer		
>> >> id	No	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "gaze": [
            {
                "child": {
                    "avg": 11,
                    "femaleAvg": 0,
                    "femaleMax": 0,
                    "femaleNum": 0,
                    "maleAvg": 11,
                    "maleMax": 11,
                    "maleNum": 1,
                    "max": 11,
                    "num": 1
                },
                "id": 0,
                "staff": {
                    "avg": 0,
                    "femaleAvg": 0,
                    "femaleMax": 0,
                    "femaleNum": 0,
                    "maleAvg": 0,
                    "maleMax": 0,
                    "maleNum": 0,
```

```
                "max": 0,
                "num": 0
            },
            "total": {
                "avg": 0,
                "femaleAvg": 0,
                "femaleMax": 0,
                "femaleNum": 0,
                "maleAvg": 0,
                "maleMax": 0,
                "maleNum": 0,
                "max": 0,
                "num": 0
            }
        }
    ],
    "line": [
        {
            "child": {
                "femaleIn": 0,
                "femaleOut": 1,
                "in": 1,
                "maleIn": 1,
                "maleOut": 0,
                "out": 1
            },
            "group": {
                "in": 0,
                "out": 0
            },
            "id": 0,
            "staff": {
                "femaleIn": 0,
                "femaleOut": 0,
                "in": 0,
                "maleIn": 0,
                "maleOut": 0,
                "out": 0
            },
            "total": {
                "femaleIn": 3,
                "femaleOut": 4,
                "in": 63,
                "maleIn": 60,
                "maleOut": 59,
                "out": 63
            }
        }
    ],
    "region": [
        {
            "count": {
                "child": {
                    "female": 0,
                    "male": 0,
                    "total": 0
```

```
                    },
                    "staff": {
                        "female": 0,
                        "male": 0,
                        "total": 0
                    },
                    "total": {
                        "female": 0,
                        "male": 0,
                        "total": 0
                    }
                },
                "dwellTime": {
                    "child": {
                        "avg": 0,
                        "femaleAvg": 0,
                        "femaleMax": 0,
                        "maleAvg": 0,
                        "maleMax": 0,
                        "max": 0
                    },
                    "staff": {
                        "avg": 0,
                        "femaleAvg": 0,
                        "femaleMax": 0,
                        "maleAvg": 0,
                        "maleMax": 0,
                        "max": 0
                    },
                    "total": {
                        "avg": 0,
                        "femaleAvg": 0,
                        "femaleMax": 0,
                        "maleAvg": 0,
                        "maleMax": 0,
                        "max": 0
                    }
                },
                "id": 0
            }
        ]
    },
    "message": "ok",
    "transmitTime": 4
}
```


getRecommendHeight

- **Path**: /api/v1/system/getRecommendHeight
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To get the recommended installation height.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> height	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "height": 3500
    },
    "message": "ok",
    "transmitTime": 3
}
```

setUwbCalibration

- **Path**: /api/v1/system/setUwbCalibration
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to set UWB calibration.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
finish	No	boolean	True = complete calibration. It will verify whether calibration has been finished and then replace the calibration data in the device.	
calibration	Yes	object	Perform single calibration.	
>> id	Yes	integer	The ID of the calibration index. Range: 0–3.	
>> objectId	Yes	integer	The ID of the target being detected.	

- Body example (Add a calibration point)

```
{
    "calibration": {
        "id": 0,
        "objectId": 3
    }
}
```

- Body example (Signal completion of calibration point setting)

```
{
    "finish": true
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***success***

```
{
    "code": 0,
    "message": "success",
    "transmitTime": 1
}
```

searchUwbTag

- **Path**: /api/v1/system/searchUwbTag
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to retrieve the list of nearby UWB tags, sorted by Bluetooth signal strength (RSSI).

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	No	object		
>> tagList	Yes	[object]		
>> >> sn	No	string	The serial number (SN) of the tag.	
>> >> battery	No	integer	The battery level of the tag.	
>> >> rssi	No	integer	The signal strength (RSSI) of the tag.	
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "tagList": [
            {
                "battery": 95,
                "rssi": -35,
                "sn": "0CDA85F9A80C99D1"
            },
            {
                "battery": 93,
                "rssi": -49,
                "sn": "F0F26CC84E02EE27"
            },
            {
                "battery": 99,
                "rssi": -49,
```

```
                "sn": "A20CC95DFF7E76E6"
            },
            {
                "battery": 79,
                "rssi": -55,
                "sn": "B765F618FFA81F4A"
            },
            {
                "battery": 89,
                "rssi": -58,
                "sn": "EF9EE36F2A9915A9"
            },
            {
                "battery": 73,
                "rssi": -63,
                "sn": "5C9832A1DDD89D46"
            },
            {
                "battery": 95,
                "rssi": -64,
                "sn": "24C72C91BB87C3AC"
            },
            {
                "battery": 73,
                "rssi": -65,
                "sn": "818F43373792EB3B"
            },
            {
                "battery": 76,
                "rssi": -67,
                "sn": "C189E51735DA2818"
            },
            {
                "battery": 80,
                "rssi": -79,
                "sn": "55444B2C112955D2"
            }
        ]
    },
    "message": "ok",
    "transmitTime": 2
}
```


addUwbTags

- **Path**: /api/v1/system/addUwbTags
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Used to add a tag for the UWB function.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
tagList	No	[object]		
>> sn	No	string		

- Body example

```
{
    "tagList": [
        {
            "sn": "6704F42256320004"
        }
    ]
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 16
}
```

  - Response example: ***UWB tag quantity exceeds upper limit.***

```
{
    "code": 621,
    "message": "UWB tag quantity exceeds upper limit.",
    "transmitTime": 1
}
```

- Response example: ***UWB anchor is not online.***

```
{
    "code": 628,
    "message": "UWB anchor is not online.",
    "transmitTime": 2
}
```

deleteUwbTag

- **Path**: /api/v1/system/deleteUwbTag
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to delete multiple UWB tags in batch.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
sn	Yes	string		

- Body example

```
{
    "sn": "6704F42764990004"
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***UWB tag does not exist.***

```
{
    "code": 623,
    "message": "UWB tag does not exist.",
    "transmitTime": 2
}
```


- Response example: ***Success***


```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 12
}
```


Communication

getMqttApi

- **Path**: /api/v1/system/getMqttApi
- **Method**: get
- **Model**: VS125-LW-L0EGL

Description

Obtain MQTT downlink configuration for Cat1 version.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		
data	No	object		
>> host	Yes	string		
>> port	Yes	integer	1-65535	
>> username	Yes	string		
>> clientId	Yes	string		
>> passwordLength	Yes	integer		

Name	Required	Type	Description	Scope
>> keepAliveInterval	No	integer	Heartbeat Interval	
>> connectTimeout	No	integer	Connection Timeout	
>> qos	Yes	integer	0-2	
>> topic	Yes	string		
>> tls	Yes	boolean		
>> certificateType	Yes	integer	0:ca 1:self	
>> rootCertName	Yes	string	If no certificate exists, leave it blank.	
>> clientCertName	Yes	string	If no certificate exists, leave it blank.	
>> clientKeyName	Yes	string	If no certificate exists, leave it blank.	

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "certificateType": 1,
        "clientCertName": "emqx.pem",
        "clientId": "M4A1tP685OfcgkVuWCvxDWOltcgV8GkC",
        "clientKeyName": "emqx.key",
        "connectTimeout": 10,
        "host": "192.168.60.188",
        "keepAliveInterval": 60,
        "passwordLength": 8,
        "port": 8883,
        "qos": 0,
        "rootCertName": "ca.pem",
        "tls": true,
        "topic": "device/downlink_config",
        "username": "admin"
    },
    "message": "ok",
    "transmitTime": 2
}
```


setMqttApi

- **Path**: /api/v1/system/setMqttApi
- **Method**: post
- **Model**: VS125-LW-L0EGL

Description

Configure MQTT downlink settings for Cat1 version.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
host	Yes	string		
port	Yes	integer	1-65535	
clientId	No	string		
topic	Yes	string		
username	Yes	string		
password	Yes	string		
qos	Yes	integer	0-2	
keepAliveInterval	No	integer	Heartbeat Interval：0-65535	
connectTimeout	No	integer	Connection Timeout	
tls	Yes	boolean		
certificateType	Yes	integer	0:ca 1:self	
deleteRootCert	Yes	boolean		
deleteClientCert	Yes	boolean		
deleteClientKey	Yes	boolean		

- Body example


```
{
    "certificateType": 0,
    "host": "",
    "port": 8883,
    "clientId": "1",
    "topic": "vs125",
    "username": "admin",
    "password": "99999",
    "qos": 2,
    "tls": true,
    "deleteRootCert": true,
    "deleteClientCert": true,
    "deleteClientKey": true,
```

```
    "keepAliveInterval": 60,
    "connectTimeout": 10
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 13
}
```

get8021xInfo

- **Path**: /api/v1/system/get8021xInfo
- **Method**: get
- **Model**: VS125-LW-P

Description
To get 802.1x-related interfaces.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> enable	Yes	boolean		
>> authType	Yes	integer	0:MD5 1:tls	

Name	Required	Type	Description	Scope
>> eapolVersion	Yes	integer	0:2001 1:2004	
>> identity	Yes	string		
>> md5	Yes	object		
>> >> passwordLength	Yes	integer		
>> tls	Yes	object		
>> >> caCertName	Yes	string		
>> >> clientCertName	Yes	string		
>> >> clientKeyName	Yes	string		
>> >> passwordLength	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "authType": 0,
        "eapolVersion": 0,
        "enable": false,
        "identity": "",
        "md5": {
            "passwordLength": 0
        },
        "tls": {
            "caCertName": "",
            "clientCertName": "",
            "clientKeyName": "",
            "passwordLength": 0
        }
    },
    "message": "ok",
    "transmitTime": 2
}
```


set8021xInfo

- **Path**: /api/v1/system/set8021xInfo
- **Method**: post
- **Model**: VS125-LW-P

Description

To set 802.1x configuration.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
enable	No	boolean		
authType	No	integer	0:MD5 1:tls	
eapolVersion	No	integer	0:2001 1:2004	
identity	No	string	Username	
md5	No	object		
>> password	No	string		
tls	No	object		
>> password	No	string		
>> deleteCaCert	No	boolean	When set to true, the CA certificate will be deleted.	
>> deleteClientCert	No	boolean	When set to true, the client certificate will be deleted.	
>> deleteClientKey	No	boolean	When set to true, the client key will be deleted.	

- Body example

```
{
    "enable": false,
    "authType": 1,
    "eapolVersion": 0,
    "identity": "test",
    "md5": {
        "password": "oqHyHOAuiWhkUaK"
    },
    "tls": {
        "password": "whatever",
        "deleteCaCert": false,
        "deleteClientCert": false,
        "deleteClientKey": false
    }
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 142
}
```

setWebHttp

- **Path**: /api/v1/system/setWebHttp
- **Method**: post
- **Model**: VS125-LW-P

Description
Used to set up HTTPS-related content for the web.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
http	No	object		
>> enable	No	boolean	Enable HTTP-to-HTTPS mapping.	
https	No	object		
>> port	No	integer		

Name	Required	Type	Description	Scope
>> certificateType	No	integer	0: Create Self-Signed certificate 1: Direct Installation Certificate	
>> certificateSelf	No	object		
>> >> country	No	string		
>> >> state	No	string		
>> >> locality	No	string		
>> >> organization	No	string		
>> >> organizationUnit	No	string		
>> >> commonName	No	string		
>> >> validityPeriod	No	integer		
authType	No	integer	0：digest 1：digest & basic 2：basic	

- Body example

```
{
    "http": {
        "enable": true
    },
    "https": {
        "certificateSelf": {
            "commonName": "People Counter",
            "country": "US",
            "locality": "Some Location",
            "organization": "Internet Widgits Pty Ltd",
            "organizationUnit": "Internet Widgits Pty Ltd",
            "state": "Some State",
            "validityPeriod": 20
        },
        "certificateType": 0,
        "port": 443
    },
    "authType": 1
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 1061
}
```

  - Response example: ***Port is already occupied.***

```
{
    "code": 3001,
    "message": "Port is already occupied.",
    "transmitTime": 4
}
```

getWebHttp

- **Path**: /api/v1/system/getWebHttp
- **Method**: get
- **Model**: VS125-LW-P

Description
Used to obtain the configuration for web HTTPS.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> authType	Yes	integer	0: digest 1: digest & basic	
>> http	Yes	object		

Name	Required	Type	Description	Scope
>> >> enable	Yes	boolean		
>> https	Yes	object		
>> >> certContent	Yes	object		
>> >> >> issuerName	Yes	object	Issuer	
>> >> >> >> commonName	Yes	string		
>> >> >> >> country	Yes	string		
>> >> >> >> locality	Yes	string		
>> >> >> >> organization	Yes	string		
>> >> >> >> organizationUnit	Yes	string		
>> >> >> >> state	Yes	string		
>> >> >> subjectName	Yes	object	Subject	
>> >> >> >> commonName	Yes	string		
>> >> >> >> country	Yes	string		
>> >> >> >> locality	Yes	string		
>> >> >> >> organization	Yes	string		
>> >> >> >> organizationUnit	Yes	string		
>> >> >> >> state	Yes	string		
>> >> >> validityPeriod	Yes	integer	Unit: day	
>> >> >> validityPeriodEnd	Yes	string		
>> >> >> validityPeriodStart	Yes	string		
>> >> certificateName	Yes	string		
>> >> certificatePwdLen	Yes	integer		
>> >> certificateType	Yes	integer	0: Create Self-Signed certificate 1: Direct Installation Certificate	

Name	Required	Type	Description	Scope
>> >> enable	Yes	boolean		
>> >> port	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "authType": 1,
        "http": {
            "enable": true
        },
        "https": {
            "certContent": {
                "issuerName": {
                    "commonName": "People Counter",
                    "country": "US",
                    "locality": "Some Location",
                    "organization": "Internet Widgits Pty Ltd",
                    "organizationUnit": "Internet Widgits Pty Ltd",
                    "state": "Some State"
                },
                "subjectName": {
                    "commonName": "People Counter",
                    "country": "US",
                    "locality": "Some Location",
                    "organization": "Internet Widgits Pty Ltd",
                    "organizationUnit": "Internet Widgits Pty Ltd",
                    "state": "Some State"
                },
                "validityPeriod": 397,
                "validityPeriodEnd": "Oct  1 08:19:01 2024 GMT",
                "validityPeriodStart": "Aug 31 08:19:01 2023 GMT"
            },
            "certificateName": "file",
            "certificatePwdLen": 0,
            "certificateType": 0,
            "enable": true,
            "port": 443
        }
    },
    "message": "ok",
    "transmitTime": 4
}
```


getWifiConfig

- **Path**: /api/v1/system/getWifiConfig

- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
To get Wi-Fi-related parameters.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> bandwidth	Yes	integer	0: 40M 1: 20M	
>> bandwidthList	Yes	object		
>> >> 0	Yes	string		
>> >> 1	Yes	string		
>> channel	Yes	integer	Range: 0-13; 0:auto	
>> cipher	Yes	integer	0: aes	
>> cipherList	Yes	object		
>> >> 0	Yes	string		
>> country	Yes	string		
>> enable	Yes	boolean		
>> gateway	Yes	string		
>> passwordLength	Yes	integer		
>> protocol	Yes	integer	0: 802.b 1: 802.g 2: 802.n	
>> protocolList	Yes	object		
>> >> 0	Yes	string		
>> >> 1	Yes	string		
>> >> 2	Yes	string		
>> securityMode	Yes	integer	4:wpa2	

Name	Required	Type	Description	Scope
>> securityModeList	Yes	object		
>> >> 4	Yes	string		
>> ssid	Yes	string		
>> broadcastSsid	Yes	boolean	Enable SSID broadcast.	
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "bandwidth": 1,
        "bandwidthList": {
            "0": "40MHZ",
            "1": "20MHZ"
        },
        "broadcastSsid": true,
        "channel": 0,
        "cipher": 0,
        "cipherList": {
            "0": "AES"
        },
        "country": "CN",
        "enable": true,
        "gateway": "192.168.1.1",
        "passwordLength": 9,
        "protocol": 2,
        "protocolList": {
            "0": "802.11b (2.4G)",
            "1": "802.11g (2.4G)",
            "2": "802.11n (2.4G)"
        },
        "securityMode": 4,
        "securityModeList": {
            "4": "WPA2-PSK"
        },
        "ssid": "People Counter_013346"
    },
    "message": "ok",
    "transmitTime": 6
}
```


- Response example: ***Success***


```
{
    "code": 0,
```

```
    "data": {
        "bandwidth": 1,
        "bandwidthList": {
            "0": "40MHZ",
            "1": "20MHZ"
        },
        "broadcastSsid": true,
        "channel": 0,
        "cipher": 0,
        "cipherList": {
            "0": "AES"
        },
        "country": "CN",
        "enable": true,
        "gateway": "192.168.1.1",
        "passwordLength": 9,
        "protocol": 2,
        "protocolList": {
            "0": "802.11b (2.4G)",
            "1": "802.11g (2.4G)",
            "2": "802.11n (2.4G)"
        },
        "securityMode": 4,
        "securityModeList": {
            "4": "WPA2-PSK"
        },
        "ssid": "People Counter_013346"
    },
    "message": "ok",
    "transmitTime": 1
}
```


setWifiConfig

- **Path**: /api/v1/system/setWifiConfig
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To set Wi-Fi-related configurations.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
enable	No	boolean		

Name	Required	Type	Description	Scope
ssid	No	string		
bandwidth	No	integer	0: 40M 1: 20M	
channel	No	integer	Range: 0-13 0:auto	
securityMode	No	integer	4:wpa2	
cipher	No	integer	0:aes	
protocol	No	integer	0: 802.b 1: 802.g 2: 802.n	
password	No	string	Length needs to be greater than 8.	
gateway	No	string		
broadcastSsid	No	boolean	Enable SSID broadcast.	

- Body example

```
{
    "enable": true,
    "ssid": "People Counter_013346",
    "protocol": 2,
    "bandwidth": 0,
    "channel": 0,
    "securityMode": 4,
    "cipher": 0,
    "gateway": "192.168.1.1",
    "password": "123456789",
    "broadcastSsid": false
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 1
}
```


- Response example: ***Wifi password length error.***


```
{
    "code": 501,
    "message": "Wifi password length error.",
    "transmitTime": 1
}
```


- Response example: ***Wifi gateway is invalid.***


```
{
    "code": 502,
    "message": "Wifi gateway is invalid.",
    "transmitTime": 8
}
```


- Response example: ***Network conflict.***


```
{
    "code": 3003,
    "message": "Network conflict.",
    "transmitTime": 88
}
```


getEthConfig

- **Path**: /api/v1/system/getEthConfig
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> dhcp	Yes	boolean		

Name	Required	Type	Description	Scope
>> gateway	Yes	string		
>> ip	Yes	string		
>> mtu	Yes	integer		
>> primaryDns	Yes	string		
>> secondaryDns	Yes	string		
>> subnetMask	Yes	string		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "dhcp": false,
        "gateway": "192.168.60.1",
        "ip": "192.168.60.181",
        "mtu": 1499,
        "primaryDns": "8.8.8.8",
        "secondaryDns": "114.114.114.114",
        "subnetMask": "255.255.255.0"
    },
    "message": "ok",
    "transmitTime": 1
}
```

setEthConfig

- **Path**: /api/v1/system/setEthConfig
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To set Eth-related configurations.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
dhcp	No	boolean		
ip	No	string		
subnetMask	No	string		
gateway	No	string		
primaryDns	No	string		
secondaryDns	No	string		
mtu	No	integer	1200-1500	

- Body example

```
{
    "dhcp": false,
    "gateway": "192.168.60.1",
    "ip": "192.168.60.181",
    "mtu": 1500,
    "primaryDns": "8.8.8.8",
    "secondaryDns": "114.114.114.114",
    "subnetMask": "255.255.255.0"
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 48
}
```

  - Response example: ***Network conflict.***

```
{
    "code": 3003,
    "message": "Network conflict.",
    "transmitTime": 88
}
```


getOpenVpn

- **Path**: /api/v1/system/getOpenVpn
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Used to retrieve OpenVPN-related information.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> enable	Yes	boolean		
>> fileName	Yes	string		
>> status	Yes	integer		
>> deviceIp	No	string		
>> serverIp	No	string		
>> runTime	No	integer	Unit: s	
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "deviceIp": "10.10.0.16",
        "enable": true,
        "fileName": "cjs_1.ovpn",
        "runTime": 5929,
        "serverIp": "10.10.0.1",
        "status": 1
    },
    "message": "ok",
    "transmitTime": 7
}
```


setOpenVpn

- **Path**: /api/v1/system/setOpenVpn
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To set OpenVPN information.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
enable	No	boolean		
deleteConfig	No	boolean		

- Body example


```
{
    "enable": true,
    "deleteConfig": false
}
```


Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 29
}
```

Image

getImageInfo

- **Path**: /api/v1/system/getImageInfo
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
To get image parameters.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> brightness	Yes	integer	1-10	
>> dayNightMode	Yes	integer	0:auto 1:day 2:night 3:schedule	
>> powerFrequency	Yes	integer	0:50Hz 1:60Hz	
>> schedule	Yes	object		
>> >> end	Yes	integer	Unit: min, Range: 0-1439	
>> >> start	Yes	integer	Unit: min, Range: 0-1439	

Name	Required	Type	Description	Scope
>> sensitivity	Yes	integer	1-10	
>> wdr	Yes	object		
>> >> enable	Yes	boolean		
>> >> level	Yes	integer	0: auto 1: low 2: high	
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "brightness": 5,
        "dayNightMode": 0,
        "powerFrequency": 0,
        "schedule": {
            "end": 1439,
            "start": 1140
        },
        "sensitivity": 5,
        "wdr": {
            "enable": false,
            "level": 0
        }
    },
    "message": "ok",
    "transmitTime": 4
}
```


setImageInfo

- **Path**: /api/v1/system/setImageInfo
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To set image parameters.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
brightness	Yes	integer	1-10	
dayNightMode	Yes	integer	0:auto 1:day 2:night 3:schedule	
powerFrequency	Yes	integer	0:50Hz 1:60Hz	
schedule	Yes	object		
>> end	Yes	integer	Unit: min, Range: 0-1439	
>> start	Yes	integer	Unit: min, Range: 0-1439	
sensitivity	Yes	integer	1-10	
wdr	Yes	object		
>> enable	Yes	boolean		
>> level	Yes	integer	0: auto 1: low 2: high	

- Body example

```
{
    "brightness": 6,
    "dayNightMode": 1,
    "powerFrequency": 1,
    "schedule": {
        "end": 1400,
        "start": 1140
    },
    "sensitivity": 6,
    "wdr": {
        "enable": true,
        "level": 1
    }
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 14
}
```

getOneFrame

- **Path**: /api/v1/system/getOneFrame
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Obtain a frame.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
type	No	integer	0: Depth map 1: Grayscale image Default to the image type set by privacy mode if not specified	
resolution	No	integer	0: Low resolution 1: High resolution, use system-configured resolution if not specified	

- Body example

```
{
    "type": 1,
    "resolution": 1
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		

Name	Required	Type	Description	Scope
data	Yes	object		
>> image	Yes	string		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "image":
"......"
    },
    "message": "ok",
    "transmitTime": 80
}
```


getOcclusionInfo

- **Path**: /api/v1/system/getOcclusionInfo
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Used to retrive occlusion-related information.
(Retrieve the node device ID in stitching mode: /api/v1/node/system/getOcclusionInfo?node=id)

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	No	object		
>> enable	Yes	boolean		
>> proportion	Yes	integer	Occlusion proportion, Range: 1~100, Unit: %	
>> sensitivity	Yes	integer	Range: 2~10	

Name	Required	Type	Description	Scope
>> alarmDelayTime	Yes	integer	Used to configure how long it takes for an alarm to trigger. Unit: s	
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "alarmDelayTime": 5,
        "enable": false,
        "proportion": 50,
        "sensitivity": 2
    },
    "message": "ok",
    "transmitTime": 5
}
```

setOcclusionInfo

- **Path**: /api/v1/system/setOcclusionInfo
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to set occlusion-related information.
(Retrieve the node device ID in stitching mode: /api/v1/node/system/getOcclusionInfo?node=id)

Query Parameters

Name	Required	Type	Description
node	No	integer	Configure the node device ID in cascade mode.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
enable	Yes	boolean		

Name	Required	Type	Description	Scope
proportion	Yes	integer	Occlusion proportion	
sensitivity	Yes	integer		
alarmDelayTime	Yes	integer	Used to configure how long it takes for an alarm to trigger.	

- Body example

```
{
    "alarmDelayTime": 5,
    "enable": true,
    "proportion": 50,
    "sensitivity": 2
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 15
}
```

startCalibTask

- **Path**: /api/v1/system/startCalibTask
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Calibration and Repair Task Start Interface.
When action is set to 0, the interface checks the calibration task status. When action is set to 1, the interface performs the repair operation.
(Use in conjunction with [/api/v1/system/getCalibTaskRes])

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
action	Yes	integer	0:check 1:repair	
deviceId	Yes	[integer]	0: Local device 1–15: Node device IDs	

- Body example

```
{
    "action": 0,
    "deviceId": [
        0,
        1
    ]
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 3
}
```

getCalibTaskRes

- **Path**: /api/v1/system/getCalibTaskRes
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Calibration Repair Task Result Retrieval Interface.
When action is set to 0, the interface checks the calibration task status. When action is set to 1, the interface retrieves the repair result.
(Use in conjunction with [/api/v1/system/startCalibTask])

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
action	Yes	integer	0:check 1:repair	
deviceId	No	[integer]	Filter the device IDs to return. This field is optional; if left blank, all devices will be returned by default. 0: Local device 1–15: Node device IDs	

- Body example

```
{
    "action": 0,
    "deviceId": [
        0,
        1
    ]
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	No	object		
>> result	No	[object]		
>> >> deviceId	No	integer	0：Local device 1-15：Node devices	
>> >> status	No	integer	Detection: 0 - Display empty. 1 - Normal. 2 - Detection failed due to insufficient feature points. 3 - Detection failed due to other image anomalies. 4 - Execution succeeded but the result is abnormal. Calibration: 20 - Calibrating. 21 - Normal. 22 - Abnormal due to insufficient feature points. 23 - Abnormal due to other image anomalies. 24 - Calibration failed and the result is abnormal. Common: 100 - The node device is offline (when stitched). 101 - The nide device version is not supported (when stitched).	
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "result": [
            {
                "deviceId": 0,
                "status": 4
            }
        ]
    },
    "message": "ok",
    "transmitTime": 2
}
```


User

login

- **Path**: /api/v1/system/login
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To verify the correctness of the account and password, input the account and password encrypted with SHA-256. If successful, it returns the corresponding user level (0: admin, 1: viewer).
[No authentication required]

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
username	Yes	string	The HEX value of the username after SHA-256 encryption.	
password	Yes	string	The HEX value of the password after SHA-256 encryption.	

- Body example


```
{
    "username":
"8c6976e5b5410415bde908bd4dee15dfb167a9c873fc4bb8a81f6f2ab448a918",
    "password":
"05C96B02EF5A233881BE9462EA4AB94B9388CF19E0EA75184D5B7ED3B05AF93B"
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	No	object		
>> userLevel	No	integer	0：admin，1：viewer	
>> wrongRemainTimes	No	integer	Incorrect account password. Remaining retry attempts.	
>> lockTime	No	integer	Remaining lockout time for the user, Unit: s.	
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "userLevel": 0
    },
    "message": "ok",
    "transmitTime": 1
}
```

  - Response example: ***Wrong user or password.***

```
{
    "code": 101,
    "data": {
        "wrongRemainTimes": 4
    },
    "message": "Wrong user or password.",
    "transmitTime": 3
}
```

  - Response example: ***User is locked.***

```
{
    "code": 108,
    "data": {
        "lockTime": 59
    },
    "message": "User is locked.",
    "transmitTime": 1
}
```


getSecurity

- **Path**: /api/v1/system/getSecurity
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

[No authentication required]
Used to retrieve the set security question. If it is a predefined question, it returns the ID; if it is a custom question, it returns the content.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	No	object		
>> security	Yes	[object]		
>> >> questionId	Yes	integer		
>> >> question	Yes	string		
>> >> encrypt	Yes	integer	1：MD5 2：SHA-256	1 ~ 2
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "security": [
            {
```

```
                "encrypt": 1,
                "question": "",
                "questionId": 1
            },
            {
                "encrypt": 1,
                "question": "",
                "questionId": 2
            },
            {
                "encrypt": 1,
                "question": "",
                "questionId": 3
            }
        ]
    },
    "message": "ok",
    "transmitTime": 2
}
```


- Response example: ***Admin user is not exist.***


```
{
    "code": 103,
    "message": "Admin user is not exist.",
    "transmitTime": 1
}
```


checkSecurity

- **Path**: /api/v1/system/checkSecurity
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
[No authentication required]
Used to verify if the security question answer is correct.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
security	Yes	[object]		
>> questionId	Yes	integer		
>> question	Yes	string		

Name	Required	Type	Description	Scope
>> answer	Yes	string		

- Body example

```
{
    "security": [
        {
            "questionId": 0,
            "question": "",
            "answer": "C4CA4238A0B923820DCC509A6F75849B"
        },
        {
            "questionId": 1,
            "question": "",
            "answer": "C4CA4238A0B923820DCC509A6F75849B"
        },
        {
            "questionId": 2,
            "question": "",
            "answer": "C4CA4238A0B923820DCC509A6F75849B"
        }
    ]
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 1
}
```

  - Response example: ***Check for security errors.***

```
{
    "code": 105,
    "message": "Check for security errors.",
    "transmitTime": 1
}
```


getUserList

- **Path**: /api/v1/system/getUserList
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To get the current user list.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	No	object		
>> userList	Yes	[object]		
>> >> index	No	integer		
>> >> level	No	integer		
>> >> username	No	string		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "userList": [
            {
                "index": 0,
                "level": 0,
                "username": "admin"
            }
        ]
    },
    "message": "ok",
```

```
    "transmitTime": 1
}
```


- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "userList": [
            {
                "index": 0,
                "level": 0,
                "username": "admin"
            },
            {
                "index": 1,
                "level": 1,
                "username": "viewer"
            }
        ]
    },
    "message": "ok",
    "transmitTime": 1
}
```


deleteUser

- **Path**: /api/v1/system/deleteUser
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
For deleting users, administrator users cannot be deleted.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
adminUser	Yes	object		
>> username	Yes	string	Use SHA-256 encryption.	
>> password	Yes	string	Use SHA-256 encryption.	
deleteInfo	Yes	object		
>> index	No	integer	User Index	

Name	Required	Type	Description	Scope
>> username	No	string	Username	

- Body example

```
{
    "adminUser": {
        "username": "21232f297a57a5a743894a0e4a801fc3",
        "password": "3376ec73e91ebd975d2affd02b68a262"
    },
    "deleteInfo": {
        "username": "4B2A1529867B8D697685B1722CCD0149",
        "index": 0
    }
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 3
}
```

  - Response example: ***Username does not exist.***

```
{
    "code": 107,
    "message": "Username does not exist.",
    "transmitTime": 1
}
```

Cascade

searchDevices

- **Path**: /api/v1/system/searchDevices
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
To initiate device search, searching for VS125 devices in the local area network via multicast.
[Only Master device can use this interface.]

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
type	No	integer	Default: 1, 0: All devices, 1: Node devices list	0 ~ 1

- Body example

```
{
    "type": 0
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

    - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 1
}
```


- Response example: ***Cascade mode error.***


```
{
    "code": 801,
    "message": "Cascade mode error.",
    "transmitTime": 1
}
```


getSearchDevices

- **Path**: /api/v1/system/getSearchDevices
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Retrieve the device search results.
Only the master device can use this.
Used in conjunction with searchDevices.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> devices	Yes	[object]		
>> >> deviceName	No	string		
>> >> ip	No	string		
>> >> httpPort	No	integer		
>> >> httpsPort	No	integer		
>> >> sn	No	string		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "devices": [
            {
                "deviceName": "People Counter",
                "httpPort": 80,
                "httpsPort": 443,
                "ip": "192.168.60.135",
                "sn": "6834E23868600001"
            },
            {
                "deviceName": "People Counter",
                "httpPort": 80,
                "httpsPort": 443,
                "ip": "192.168.60.224",
                "sn": "6834E39725160016"
            }
        ]
    },
    "message": "ok",
    "transmitTime": 3
}
```


- Response example: ***Cascade mode error.***


```
{
    "code": 801,
    "message": "Cascade mode error.",
    "transmitTime": 6
}
```


setCascadeNode

- **Path**: /api/v1/system/setCascadeNode
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Used to add or update a node devices. (Master device Only)
After adding a node, you can access the target agent via the URL /api/v1/node/system/*?node=id (id is the node's ID, the asterisk (*) can be replaced with one of the following endpoints: getOneFrame|getRecommendHeight|setAlgoInfo|getAlgoInfo|getImageInfo|setImageInfo, No authentication is required for these requests.)

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
stitchMode	Yes	integer	0：frame overlapping 1：frame non-overlapping	
parent	No	object		
>> id	Yes	integer	0-15, 0: Master device 1-15: Other slave devices	0 ~ 15
>> points	Yes	[object]	Four sets of coordinates are required for the intersection points of the perspective transformation.	
>> >> x	Yes	integer		
>> >> y	Yes	integer		
>> rotation	Yes	integer	Stored in the backend only for frontend restoration use	
node	Yes	object		
>> id	No	integer	1-15	1 ~ 15
>> points	No	[object]	Four sets of coordinates are required for the intersection points of the perspective transformation.	
>> >> x	Yes	integer		
>> >> y	Yes	integer		
>> deviceInfo	Yes	object		
>> >> ip	Yes	string		
>> >> httpPort	Yes	integer		
>> >> httpsPort	Yes	integer		
>> >> sn	Yes	string		
>> >> username	Yes	string		
>> >> password	Yes	string		

Name	Required	Type	Description	Scope
>> >> deviceName	Yes	string		
>> >> deployHeight	No	integer	The installation height of the slave device will be resynchronized upon connection.	
>> rotation	No	integer	Stored in the backend only for frontend restoration use	
>> locationPoints	No	[object]	When not using image stitching, the positions of the subordinate device nodes should be specified. Start with the top-left corner of the image as the first point, and then add the remaining points in a clockwise order.	
>> >> x	Yes	integer		
>> >> y	Yes	integer		

- Body example (Frame Overlapping)


```
{
    "stitchMode": 0,
    "parent": {
        "id": 0,
        "points": [
            {
                "x": 4,
                "y": 4
            },
            {
                "x": 153,
                "y": 4
            },
            {
                "x": 159,
                "y": 535
            },
            {
                "x": 4,
                "y": 525
            }
        ],
        "rotation": 0
    },
    "node": {
        "id": 2,
        "points": [
```

```
            {
                "x": 781,
                "y": 8
            },
            {
                "x": 952,
                "y": 6
            },
            {
                "x": 944,
                "y": 529
            },
            {
                "x": 775,
                "y": 533
            }
        ],
        "rotation": 0,
        "deviceInfo": {
            "ip": "192.168.49.64",
            "httpsPort": 443,
            "httpPort": 80,
            "deviceName": "People Counter1",
            "sn": "6834E2347236000X",
            "username": "admin",
            "password": "Ms123456789000.",
            "deployHeight": 3181
        }
    }
}
```

- Body example (Frame Non-overlapping)

```
{
    "stitchMode": 1,
    "parent": {
        "id": 0,
        "points": [],
        "rotation": 0
    },
    "node": {
        "id": 2,
        "points": [],
        "rotation": 0,
        "deviceInfo": {
            "ip": "192.168.49.64",
            "httpsPort": 443,
            "httpPort": 80,
            "deviceName": "People Counter1",
            "sn": "6834E2347236000X",
            "username": "admin",
            "password": "Ms123456789000.",
            "deployHeight": 3181
        },
        "locationPoints": [
            {
```

```
                "x": -960,
                "y": 0
            },
            {
                "x": 0,
                "y": 0
            },
            {
                "x": 0,
                "y": 540
            },
            {
                "x": -960,
                "y": 540
            }
        ]
    }
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 733
}
```

  - Response example: ***Cascade mode error.***

```
{
    "code": 801,
    "message": "Cascade mode error.",
    "transmitTime": 1
}
```

  - Response example: ***Point does not form a quadrilateral***

```
{
    "code": 808,
    "message": "Point does not form a quadrilateral",
    "transmitTime": 1
}
```

- Response example: ***Cascade points error***

```
{
    "code": 809,
    "message": "Cascade points error",
    "transmitTime": 1
}
```

- Response example: ***Playback recording***

```
{
    "code": 904,
    "message": "Playback recording",
    "transmitTime": 4
}
```

deleteCascadeNode

- **Path**: /api/v1/system/deleteCascadeNode
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

For unbinding slave devices.
Only the master and slave devices can use this interface.
The master device is used to delete slave nodes, and the slave device is used for unbinding.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
master	No	object		
>> id	No	integer		1 ~ 16

- Body example

```
{
    "master": {
        "id": 2
    }
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 654
}
```

  - Response example: ***Cascade mode error.***

```
{
    "code": 801,
    "message": "Cascade mode error.",
    "transmitTime": 1
}
```

  - Response example: ***Playback recording***

```
{
    "code": 904,
    "message": "Playback recording",
    "transmitTime": 3
}
```

getCascadeInfo

- **Path**: /api/v1/system/getCascadeInfo
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

For obtaining cascade-related configurations.

Only the master or slave devices can use this interface.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	No	object		
>> cascadeMode	Yes	integer	0: Standalone 1:Master 2: Node	0 ~ 2
>> slaveDevice	No	object		
>> >> masterInfo	No	object		
>> >> >> ip	No	string		
>> >> >> sn	No	string		
>> >> >> deviceName	No	string		
>> masterDevice	No	object		
>> >> stitchList	No	[object]		
>> >> >> stitchMode	Yes	integer	0：frame overlapping 1：frame non-overlapping	
>> >> >> parent	No	object		
>> >> >> >> id	No	integer	-1: Root node 0: Master device 1-15: Slave device ID	-1 ~ 15
>> >> >> >> rotation	No	integer		
>> >> >> >> points	No	[object]		
>> >> >> >> >> x	No	integer		

Name	Required	Type	Description	Scope
>> >> >> >> >> y	No	integer		
>> >> >> node	No	object		
>> >> >> >> id	No	integer	0: Master device 1-15: Slave device ID	0 ~ 15
>> >> >> >> rotation	No	integer		
>> >> >> >> deviceInfo	No	object		
>> >> >> >> >> ip	No	string		
>> >> >> >> >> sn	No	string		
>> >> >> >> >> deviceName	No	string		
>> >> >> >> >> httpPort	No	integer		
>> >> >> >> >> deployHeight	No	integer		
>> >> >> >> >> httpsPort	No	integer		
>> >> >> >> points	No	[object]		
>> >> >> >> >> x	No	integer		
>> >> >> >> >> y	No	integer		
>> >> >> >> box	No	object		
>> >> >> >> >> x	No	integer		
>> >> >> >> >> y	No	integer		
>> >> >> >> >> w	No	integer		

Name	Required	Type	Description	Scope
>> >> >> >> >> h	No	integer		
>> >> >> >> status	No	integer	Connection status 1: Connected 2: Disconnected	
>> >> >> >> locationPoints	No	[object]	When not using image stitching, the positions of the subordinate device nodes should be specified. Start with the top-left corner of the image as the first point, and then add the remaining points in a clockwise order.	
>> >> >> >> >> x	Yes	integer		
>> >> >> >> >> y	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Master Device Return (frame overlapping)***


```
{
    "code": 0,
    "data": {
        "cascadeMode": 1,
        "masterDevice": {
            "stitchList": [
                {
                    "node": {
                        "box": {
                            "h": 540,
                            "w": 960,
                            "x": 0,
                            "y": 0
                        },
                        "deviceInfo": {
                            "deployHeight": 3500,
                            "deviceName": "People Counter2",
                            "httpPort": 80,
                            "httpsPort": 443,
                            "ip": "192.168.49.65",
                            "sn": "6834E16179950007"
                        },
                        "id": 0
                    },
                    "parent": {
                        "id": -1
```

```
            },
            "stitchMode": 0
        },
        {
            "node": {
                "box": {
                    "h": 672,
                    "w": 1580,
                    "x": -1313,
                    "y": 5
                },
                "deviceInfo": {
                    "deployHeight": 3181,
                    "deviceName": "People Counter1",
                    "httpPort": 80,
                    "httpsPort": 443,
                    "ip": "192.168.49.64",
                    "sn": "6834E23472360003"
                },
                "id": 2,
                "points": [
                    {
                        "x": 738,
                        "y": 9
                    },
                    {
                        "x": 940,
                        "y": 15
                    },
                    {
                        "x": 946,
                        "y": 535
                    },
                    {
                        "x": 765,
                        "y": 529
                    }
                ],
                "rotation": 0,
                "status": 1
            },
            "parent": {
                "id": 0,
                "points": [
                    {
                        "x": 10,
                        "y": 13
                    },
                    {
                        "x": 220,
                        "y": 17
                    },
                    {
                        "x": 250,
                        "y": 517
                    },
```

```
                            {
                                "x": 10,
                                "y": 533
                            }
                        ],
                        "rotation": 0
                    },
                    "stitchMode": 0
                }
            ]
        }
    },
    "message": "ok",
    "transmitTime": 6
}
```


- Response example: ***Master Device Return (frame non-overlapping)***


```
{
    "code": 0,
    "data": {
        "cascadeMode": 1,
        "masterDevice": {
            "stitchList": [
                {
                    "node": {
                        "box": {
                            "h": 540,
                            "w": 960,
                            "x": 0,
                            "y": 0
                        },
                        "deviceInfo": {
                            "deployHeight": 3500,
                            "deviceName": "People Counter2",
                            "httpPort": 80,
                            "httpsPort": 443,
                            "ip": "192.168.49.65",
                            "sn": "6834E16179950007"
                        },
                        "id": 0
                    },
                    "parent": {
                        "id": -1
                    },
                    "stitchMode": 0
                },
                {
                    "node": {
                        "box": {
                            "h": 540,
                            "w": 960,
                            "x": -960,
                            "y": 0
                        },
                        "deviceInfo": {
```

```
                            "deployHeight": 3181,
                            "deviceName": "People Counter1",
                            "httpPort": 80,
                            "httpsPort": 443,
                            "ip": "192.168.49.64",
                            "sn": "6834E23472360003"
                        },
                        "id": 2,
                        "locationPoints": [
                            {
                                "x": -960,
                                "y": 0
                            },
                            {
                                "x": 0,
                                "y": 0
                            },
                            {
                                "x": 0,
                                "y": 540
                            },
                            {
                                "x": -960,
                                "y": 540
                            }
                        ],
                        "points": [],
                        "rotation": 0,
                        "status": 1
                    },
                    "parent": {
                        "id": -1,
                        "points": [],
                        "rotation": 0
                    },
                    "stitchMode": 1
                }
            ]
        }
    },
    "message": "ok",
    "transmitTime": 5
}
```


- Response example: ***Node Device Return***


```
{
    "code": 0,
    "data": {
        "cascadeMode": 2,
        "slaveDevice": {
            "masterInfo": {
                "deviceName": "People Counter",
                "ip": "192.168.60.183",
                "sn": "6834E16179950007"
            }
```

```
        }
    },
    "message": "ok",
    "transmitTime": 1
}
```


- Response example: ***Cascade mode error.***


```
{
    "code": 801,
    "message": "Cascade mode error.",
    "transmitTime": 45
}
```


getCascadeFrame

- **Path**: /api/v1/system/getCascadeFrame
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
To get a image frame for multi-device stitching.
[Only the Master device can use this interface.]

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
type	No	integer	0:Pseudo-color 1:Monochrome 2:No image If not set, the default image type will be used for the privacy mode settings.	0 ~ 2
resolution	No	integer	0:Low Resolution 1:High Resolution If not set, the system-configured resolution will be used.	0 ~ 1
refresh	No	boolean	To initiate the refresh of multi-device stitching image cache; if set to false and cache exists, the cache will be used directly.	

Name	Required	Type	Description	Scope
discrete	No	boolean	When "discrete image" is set to true, the returned list includes: 1.The images and parameters for each non-overlapping stitching device and its post-stitched images. 2.A main image composed of all other images not included in item 1.	

- Body example

```
{
    "type": 1,
    "resolution": 1,
    "refresh": true,
    "discrete": false
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	No	object		
>> image	No	string	Only when "discrete" is set to false is the list returned.	
>> box	No	object	Only when "discrete" is set to false is the list returned.	
>> >> x	No	integer	The x-coordinate of the top-left point of the current image in the coordinate system.	
>> >> y	No	integer	The y-coordinate of the top-left point of the current image in the coordinate system.	
>> >> w	No	integer		
>> >> h	No	integer		
>> discreteList	No	[object]	Only when "discrete" is set to true is the list returned.	

Name	Required	Type	Description	Scope
>> >> nodeId	No	integer	0: Master Device, 1-15: Node Devices	
>> >> image	No	string	The base64-encoded data of one image frame	
>> >> box	No	object	Location of the image	
>> >> >> x	No	integer	The x-coordinate of the top-left point of the current image in the coordinate system.	
>> >> >> y	No	integer	The y-coordinate of the top-left point of the current image in the coordinate system.	
>> >> >> w	No	integer	width	
>> >> >> h	No	integer	height	
>> >> corePoints	No	[object]	Coordinates of the four vertices of the core point	
>> >> >> x	No	integer		
>> >> >> y	No	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "box": {
            "h": 646,
            "w": 1453,
            "x": -493,
            "y": -58
        },
        "image":
"....."
    },
    "message": "ok",
    "transmitTime": 739
}
```


- Response example: ***Cascade mode error.***

```
{
    "code": 801,
    "message": "Cascade mode error.",
    "transmitTime": 3
}
```


- Response example: ***Discrete Image***


```
{
    "code": 0,
    "data": {
        "discreteList": [
            {
                "box": {
                    "h": 976,
                    "w": 1917,
                    "x": -957,
                    "y": -407
                },
                "corePoints": [
                    {
                        "x": 0,
                        "y": 0
                    },
                    {
                        "x": 959,
                        "y": 0
                    },
                    {
                        "x": 959,
                        "y": 539
                    },
                    {
                        "x": 0,
                        "y": 539
                    }
                ],
                "image":
"......",
                "nodeId": 0
            },
            {
                "box": {
                    "h": 540,
                    "w": 960,
                    "x": -600,
                    "y": 569
                },
                "corePoints": [
                    {
                        "x": -600,
                        "y": 569
                    },
                    {
                        "x": 360,
```

```
                        "y": 569
                    },
                    {
                        "x": 360,
                        "y": 1109
                    },
                    {
                        "x": -600,
                        "y": 1109
                    }
                ],
                "image":
"......",
                "nodeId": 4
            }
        ]
    },
    "message": "ok",
    "transmitTime": 1721
}
```


Cellular

getCellularInfo

- **Path**: /api/v1/system/getCellularInfo
- **Method**: get
- **Model**: VS125-LW-L0EGL

Description

To get Cellular-related configurations.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> apn	Yes	string		
>> username	Yes	string		
>> password	Yes	string		
>> pinCode	Yes	string		

Name	Required	Type	Description	Scope
>> authType	Yes	integer	0:None 1:PAP 2:CHAP	
>> restartDialUpFailed	Yes	boolean		
>> icmp	Yes	object		
>> >> server	Yes	string		
>> >> retriesMax	Yes	integer		
>> >> timeout	Yes	integer		
>> >> interval	Yes	integer		
>> dns	Yes	object		
>> >> mode	Yes	integer	0:auto 1:manual	
>> >> primary	Yes	string	Primary DNS	
>> >> secondary	Yes	string	Secondary DNS	
>> plmn	Yes	object		
>> >> mode	Yes	integer	0：auto 1：manual	
>> >> id	Yes	string	PLMN ID	
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "apn": "",
        "authType": 0,
        "dns": {
            "mode": 0,
            "primary": "8.8.8.8",
            "secondary": "114.114.114.114"
        },
        "icmp": {
            "interval": 15,
            "retriesMax": 3,
            "server": "",
            "timeout": 5
        },
        "password": "",
        "pinCode": "",
        "plmn": {
```

```
            "id": "",
            "mode": 0
        },
        "restartDialUpFailed": false,
        "username": ""
    },
    "message": "ok",
    "transmitTime": 7
}
```


setCellularInfo

- **Path**: /api/v1/system/setCellularInfo
- **Method**: post
- **Model**: VS125-LW-L0EGL

Description

To set Cellular-related configurations.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
apn	No	string		
username	No	string		
password	No	string		
pinCode	No	string		
authType	No	integer	0:None 1： PAP 2:CHAP	
restartDialUpFailed	No	boolean		
icmp	No	object		
>> server	No	string		
>> retriesMax	No	integer		
>> timeout	No	integer		
>> interval	No	integer		
dns	No	object		
>> mode	No	integer	0:auto 1:manual	

Name	Required	Type	Description	Scope
>> primary	No	string	Primary DNS	
>> secondary	No	string	Secondary DNS	
plmn	No	object		
>> mode	No	integer	0：auto 1：manual	
>> id	No	string	PLMN ID	

- Body example


```
{
    "apn": "",
    "authType": 0,
    "dns": {
        "mode": 1,
        "primary": "8.8.8.8",
        "secondary": "114.114.114.114"
    },
    "icmp": {
        "interval": 15,
        "retriesMax": 3,
        "server": "",
        "timeout": 5
    },
    "password": "",
    "pinCode": "",
    "plmn": {
        "id": "123456",
        "mode": 1
    },
    "restartDialUpFailed": false,
    "username": ""
}
```


Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 9
}
```


getCellularDetail

- **Path**: /api/v1/system/getCellularDetail
- **Method**: get
- **Model**: VS125-LW-L0EGL

Description
To get detailed cellular informations.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> modemStatus	Yes	integer	0: No sim card. 1: sim card error. 2: pin code error. 3: Need pin code. 4: Need puk code. 5: No signal. 6: Ready.	
>> model	Yes	string		
>> version	Yes	string		
>> signalLevel	Yes	string		
>> registerStatus	Yes	integer	0: Not registered 1: Registered 2: Searching 3: Denied 4: Unknown 5: Roaming 6: Registering	
>> imei	Yes	string		
>> imsi	Yes	string		

Name	Required	Type	Description	Scope
>> iccId	Yes	string		
>> isp	Yes	string		
>> networkType	Yes	string		
>> plmnId	Yes	string		
>> lac	Yes	string		
>> cellId	Yes	string		
>> networkStatus	Yes	integer	1: Connected 2: Disconnected	
>> ip	Yes	string		
>> mask	Yes	string		
>> gateway	Yes	string		
>> dns	Yes	string		
>> connectDuration	Yes	integer	Unit: s	
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "cellId": "0E0B70B",
        "connectDuration": 0,
        "dns": "0.0.0.0",
        "gateway": "0.0.0.0",
        "iccId": "-",
        "imei": "862990062466528",
        "imsi": "-",
        "ip": "0.0.0.0",
        "isp": "-",
        "lac": "5F0C",
        "mask": "0.0.0.0",
        "model": "EG800G",
        "modemStatus": 0,
        "networkStatus": 2,
        "networkType": "-",
        "plmnId": "-",
        "registerStatus": 2,
        "signalLevel": "12asu(-89dBm)",
        "version": "EG800GEULDR01A09M04"
    },
```

```
    "message": "ok",
    "transmitTime": 3
}
```


Report

searchReport

- **Path**: /api/v1/system/searchReport
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Initiate a request to retrieve database data (can be blocking or non-blocking)
event：
0: Line crossing detection - lineParam is required
1: Area detection - regionCounting is required
2: Dwell detection - dwellDetect is required
3: Heat map - heatMap is required
4: Historical trajectory points
5: View Direction Detection - gazeDetect is required
6: DI Counting - triggerDin is required

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
event	Yes	integer	0: Line crossing 1: Region 2: Dwell 3: Heatmap 4: Historical trajectory point 5: Gaze detection 6: DI Count	
uuid	Yes	string	Randomly Generate UUID	
startTime	Yes	string	Format is YYYY-MM-DDTHH:MM:SS.sss	
endTime	Yes	string	Format is YYYY-MM-DDTHH:MM:SS.sss	

Name	Required	Type	Description	Scope
block	No	boolean	When set to true, blocking queries can be performed, and the results will be returned at this URL. During this time, other /api/v1/system endpoints cannot be executed. Examples of the returned results can be viewed in the getReportResult endpoint. This option should only be used for small data queries, as large data queries may result in timeouts.	
lineParam	No	object	Cross-line detection parameters, fill in when event=0	
>> lineId	No	integer		
>> timeUnit	No	integer	0: Hour 1: Day 2: Month 3: Specified Interval	
>> timeBinWidth	No	integer	Fill in when timeUnit=3, unit: seconds	
regionCount	No	object	Area detection parameters, fill in when event=1	
>> regionId	No	integer		
dwellDetect	No	object	Dwell detection parameters, fill in when event=2	
>> regionId	No	integer		
>> timeMin	No	integer		
>> timeBinWidth	No	integer		
>> numOfBins	No	integer		
heatMap	No	object		
>> type	No	integer	0：motion 1：dwell	0 ~ 1
historyPoint	No	object		

Name	Required	Type	Description	Scope
>> playbackId	No	integer	Playback task ID Leave blank or fill in -1 for regular historical track points	
gazeDetect	No	object	View Direction Detection	
>> regionId	Yes	integer		
>> timeMin	Yes	integer	Minimum query time	
>> timeBinWidth	Yes	integer	Query time interval	
>> numOfBins	Yes	integer	The number of records to query	
triggerDin	No	object		
>> timeUnit	No	integer	0: Hour 1: Day 2: Month 3: Specified Interval	
>> timeBinWidth	No	integer	Fill in when timeUnit=3, unit: seconds	

- Body example


```
{
    "event": 2,
    "startTime": "1970-01-09T11:11:51.000",
    "endTime": "2024-04-10T11:11:51.000",
    "block": false,
    "lineParam": {
        "lineId": 1,
        "timeUnit": 0,
        "timeBinWidth": 10
    },
    "regionCount": {
        "regionId": 0
    },
    "dwellDetect": {
        "regionId": 0,
        "timeMin": 10,
        "timeBinWidth": 10,
        "numOfBins": 10
    },
    "heatMap": {
        "type": 1
    },
    "historyPoint": {
        "playbackId": 1
    },
    "gazeDetect": {
```

```
        "regionId": 0,
        "timeMin": 2,
        "timeBinWidth": 10,
        "numOfBins": 100
    },
    "triggerDin": {
        "timeUnit": 0,
        "timeBinWidth": 0
    },
    "uuid": "519b38e3-d3d4-40d3-9b79-da231e3a5582"
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 1
}
```

  - Response example: ***Report task already exist.***

```
{
    "code": 201,
    "message": "Report task already exist.",
    "transmitTime": 1
}
```

getReportResult

- **Path**: /api/v1/system/getReportResult
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Used to query report results; the UUID should be identical to that used in the searchReport interface.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
uuid	Yes	string		

- Body example

```
{
    "uuid": "519b38e3-d3d4-40d3-9b79-da231e3a5582"
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> event	No	integer		
>> isReady	Yes	boolean		
>> line	No	[object]		
>> >> children	No	object		
>> >> >> femaleIn	Yes	integer		
>> >> >> femaleOut	Yes	integer		
>> >> >> in	Yes	integer		
>> >> >> maleIn	Yes	integer		
>> >> >> maleOut	Yes	integer		
>> >> >> out	Yes	integer		

Name	Required	Type	Description	Scope
>> >> staff	No	object		
>> >> >> femaleIn	Yes	integer		
>> >> >> femaleOut	Yes	integer		
>> >> >> in	Yes	integer		
>> >> >> maleIn	Yes	integer		
>> >> >> maleOut	Yes	integer		
>> >> >> out	Yes	integer		
>> >> total	No	object	Including children and staff	
>> >> >> femaleIn	Yes	integer		
>> >> >> femaleOut	Yes	integer		
>> >> >> in	Yes	integer		
>> >> >> maleIn	Yes	integer		
>> >> >> maleOut	Yes	integer		
>> >> >> out	Yes	integer		
>> >> time	No	string	Format: YYYY-MM-DDTHH:MM:SS.sss	
>> >> group	No	object		
>> >> >> in	No	integer		
>> >> >> out	No	integer		
>> region	No	[object]		
>> >> children	No	object		
>> >> >> female	No	integer		
>> >> >> male	No	integer		
>> >> >> total	No	integer		
>> >> total	No	object	Including children and staff	
>> >> >> female	No	integer		

Name	Required	Type	Description	Scope
>> >> >> male	No	integer		
>> >> >> total	No	integer		
>> >> staff	No	object		
>> >> >> female	No	integer		
>> >> >> male	No	integer		
>> >> >> total	No	integer		
>> >> time	No	string	Format: YYYY-MM-DDTHH:MM:SS.sss	
>> dwell	No	[object]		
>> >> time	No	integer		
>> >> total	No	object	Including children and staff	
>> >> >> female	Yes	integer		
>> >> >> male	Yes	integer		
>> >> >> total	Yes	integer		
>> >> staff	No	object		
>> >> >> female	Yes	integer		
>> >> >> male	Yes	integer		
>> >> >> total	Yes	integer		
>> >> children	No	object		
>> >> >> female	Yes	integer		
>> >> >> male	Yes	integer		
>> >> >> total	Yes	integer		
>> heatMap	No	object		
>> >> height	No	integer		
>> >> width	No	integer		
>> >> max	No	integer		
>> >> min	No	integer		
>> >> values	No	[object]	Points with non-zero calorific values	
>> >> >> value	No	integer		

Name	Required	Type	Description	Scope
>> >> >> x	No	integer		
>> >> >> y	No	integer		
>> historyPoints	No	[object]		
>> >> type	Yes	number	Trajectory Point Types: 0: Start Trajectory Point 1: Stop Trajectory Point	
>> >> coords	Yes	object		
>> >> >> x	Yes	number		
>> >> >> y	Yes	number		
>> gaze	No	[object]		
>> >> time	Yes	integer	Gaze Duration	
>> >> total	Yes	object	Including children and staff	
>> >> >> female	Yes	integer		
>> >> >> male	Yes	integer		
>> >> >> total	Yes	integer		
>> >> staff	Yes	object		
>> >> >> female	Yes	integer		
>> >> >> male	Yes	integer		
>> >> >> total	Yes	integer		
>> >> children	Yes	object		
>> >> >> female	Yes	integer		
>> >> >> male	Yes	integer		
>> >> >> total	Yes	integer		
>> triggerDin	No	[object]		
>> >> count	No	integer		
>> >> time	No	string	Format is YYYY-MM-DDTHH:MM:SS.sss	
>> >> eventId	No	integer		
>> >> eventName	No	string		
message	Yes	string		

Name	Required	Type	Description	Scope
transmitTime	Yes	integer		

- Response example: ***Success Example (Data Not Ready Yet)***

```
{
    "code": 0,
    "data": {
        "isReady": false
    },
    "message": "ok",
    "transmitTime": 1
}
```

- Response example: ***Success Example (Line Crossing Counting)***

```
{
    "code": 0,
    "data": {
        "event": 0,
        "isReady": true,
        "line": [
            {
                "children": {
                    "femaleIn": 0,
                    "femaleOut": 1,
                    "in": 6,
                    "maleIn": 6,
                    "maleOut": 0,
                    "out": 1
                },
                "group": {
                    "in": 9,
                    "out": 3
                },
                "staff": {
                    "femaleIn": 0,
                    "femaleOut": 0,
                    "in": 0,
                    "maleIn": 0,
                    "maleOut": 0,
                    "out": 0
                },
                "time": "2024-08-15T09:00:00.000",
                "total": {
                    "femaleIn": 0,
                    "femaleOut": 1,
                    "in": 9,
                    "maleIn": 9,
                    "maleOut": 2,
                    "out": 3
                }
            }
```

```
        ]
    },
    "message": "ok",
    "transmitTime": 1
}
```


- Response example: ***Success Example (Region People Counting)***


```
{
    "code": 0,
    "data": {
        "event": 1,
        "isReady": true,
        "region": [
            {
                "children": {
                    "female": 0,
                    "male": 0,
                    "total": 0
                },
                "staff": {
                    "female": 0,
                    "male": 0,
                    "total": 0
                },
                "time": "2024-08-08T03:53:02.000",
                "total": {
                    "female": 0,
                    "male": 2,
                    "total": 3
                }
            },
            {
                "children": {
                    "female": 0,
                    "male": 0,
                    "total": 0
                },
                "staff": {
                    "female": 0,
                    "male": 0,
                    "total": 0
                },
                "time": "2024-08-08T03:55:12.000",
                "total": {
                    "female": 0,
                    "male": 1,
                    "total": 2
                }
            },
            {
                "children": {
                    "female": 0,
                    "male": 1,
                    "total": 2
                },
```

```
                "staff": {
                    "female": 0,
                    "male": 0,
                    "total": 0
                },
                "time": "2024-08-08T03:56:19.000",
                "total": {
                    "female": 0,
                    "male": 1,
                    "total": 2
                }
            }
        ]
    },
    "message": "ok",
    "transmitTime": 8
}
```


- Response example: ***Success Example (Dwell Time)***


```
{
    "code": 0,
    "data": {
        "dwell": [
            {
                "children": {
                    "female": 0,
                    "male": 0,
                    "total": 0
                },
                "staff": {
                    "female": 0,
                    "male": 0,
                    "total": 0
                },
                "time": 80,
                "total": {
                    "female": 0,
                    "male": 0,
                    "total": 1
                }
            },
            {
                "children": {
                    "female": 0,
                    "male": 0,
                    "total": 0
                },
                "staff": {
                    "female": 0,
                    "male": 1,
                    "total": 1
                },
                "time": 90,
                "total": {
                    "female": 0,
```

```
                    "male": 1,
                    "total": 1
                }
            },
            {
                "children": {
                    "female": 0,
                    "male": 1,
                    "total": 1
                },
                "staff": {
                    "female": 0,
                    "male": 0,
                    "total": 0
                },
                "time": 200,
                "total": {
                    "female": 0,
                    "male": 1,
                    "total": 1
                }
            },
            {
                "children": {
                    "female": 0,
                    "male": 1,
                    "total": 1
                },
                "staff": {
                    "female": 0,
                    "male": 0,
                    "total": 0
                },
                "time": 240,
                "total": {
                    "female": 0,
                    "male": 1,
                    "total": 1
                }
            }
        ],
        "event": 2,
        "isReady": true
    },
    "message": "ok",
    "transmitTime": 1
}
```


- Response example: ***Success Example (Heap Map)***


```
{
    "code": 0,
    "data": {
        "event": 3,
        "heatMap": {
            "height": 135,
```

```
            "max": 4,
            "min": 0,
            "values": [
                {
                    "value": 4,
                    "x": 0,
                    "y": 0
                },
                {
                    "value": 4,
                    "x": 10,
                    "y": 0
                },
                {
                    "value": 4,
                    "x": 20,
                    "y": 0
                },
                {
                    "value": 4,
                    "x": 30,
                    "y": 0
                }
            ],
            "width": 240
        },
        "isReady": true
    },
    "message": "ok",
    "transmitTime": 155
}
```


- Response example: ***Success Example (Historical Track Points)***


```
{
    "code": 0,
    "data": {
        "historyPoints": [
            {
                "coords": {
                    "x": 825,
                    "y": 95
                },
                "type": 1
            },
            {
                "coords": {
                    "x": 261,
                    "y": 290
                },
                "type": 0
            },
            {
                "coords": {
                    "x": 809,
                    "y": 458
```

```
                },
                "type": 1
            }
        ]
    },
    "message": "ok",
    "transmitTime": 437
}
```


- Response example: ***Report task does not exist.***


```
{
    "code": 202,
    "message": "Report task does not exist.",
    "transmitTime": 1
}
```


- Response example: ***Success Example (View Direction Detection)***


```
{
    "code": 0,
    "data": {
        "event": 5,
        "gaze": [
            {
                "children": {
                    "female": 3,
                    "male": 0,
                    "total": 3
                },
                "staff": {
                    "female": 0,
                    "male": 0,
                    "total": 0
                },
                "time": 2,
                "total": {
                    "female": 3,
                    "male": 0,
                    "total": 3
                }
            },
            {
                "children": {
                    "female": 0,
                    "male": 1,
                    "total": 1
                },
                "staff": {
                    "female": 0,
                    "male": 0,
                    "total": 0
                },
                "time": 12,
                "total": {
```

```
                    "female": 0,
                    "male": 1,
                    "total": 1
                }
            }
        ],
        "isReady": true
    },
    "message": "ok",
    "transmitTime": 2
}
```


- Response example: ***DI trigger count***


```
{
    "code": 0,
    "data": {
        "event": 6,
        "isReady": true,
        "triggerDin": [
            {
                "count": 4,
                "eventId": 2,
                "eventName": "Digital Input2",
                "time": "2025-11-25T11:00:00.000"
            },
            {
                "count": 8,
                "eventId": 5,
                "eventName": "Digital Input5",
                "time": "2025-11-25T11:00:00.000"
            },
            {
                "count": 8,
                "eventId": 11,
                "eventName": "Digital Input11",
                "time": "2025-11-25T11:00:00.000"
            }
        ]
    },
    "message": "ok",
    "transmitTime": 1
}
```


Recipient

getRecipientList

- **Path**: /api/v1/system/getRecipientList
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Used to retrieve the list of report recipients, sorted by the order of addition rather than by ID.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	[object]		
>> http	Yes	object		
>> >> connectTimeout	Yes	integer		
>> >> passwordLength	Yes	integer		
>> >> url	Yes	string		
>> >> username	Yes	string		
>> id	Yes	integer		
>> mqtt	Yes	object		
>> >> certificateType	Yes	integer	0:ca 1:self	
>> >> clientCertName	Yes	string	If no certificate exists, the result will be empty.	
>> >> clientId	Yes	string		
>> >> clientKeyName	Yes	string	If no certificate exists, the result will be empty.	
>> >> connectTimeout	Yes	integer		
>> >> host	Yes	string		
>> >> keepAliveInterval	Yes	integer		
>> >> passwordLength	Yes	integer		
>> >> port	Yes	integer	1-65535	
>> >> qos	Yes	integer	0-2	
>> >> rootCertName	Yes	string	If no certificate exists, the result will be empty.	

Name	Required	Type	Description	Scope
>> >> tls	Yes	boolean		
>> >> topic	Yes	string		
>> >> username	Yes	string		
>> name	Yes	string		
>> protocol	Yes	integer	0:mqtt,1:http	
>> strategy	Yes	object		
>> >> customContent	Yes	object		
>> >> >> alarm	Yes	object	Alarm types	
>> >> >> >> occlusion	Yes	boolean	Occlusion alarm	
>> >> >> >> tilt	Yes	boolean	Tilt alarm	
>> >> >> device	Yes	object		
>> >> >> >> cpu	Yes	object		
>> >> >> >> >> temperature	Yes	boolean		
>> >> >> >> >> usage	Yes	boolean		
>> >> >> >> customDeviceId	Yes	boolean		
>> >> >> >> customSiteId	Yes	boolean		
>> >> >> >> firmwareVer	Yes	boolean		
>> >> >> >> hardwareVer	Yes	boolean		
>> >> >> >> ip	Yes	boolean		
>> >> >> >> mac	Yes	boolean		
>> >> >> >> memory	Yes	object		
>> >> >> >> >> total	Yes	boolean		
>> >> >> >> >> usage	Yes	boolean		
>> >> >> >> >> used	Yes	boolean		
>> >> >> >> name	Yes	boolean		
>> >> >> >> runningTime	Yes	boolean		

Name	Required	Type	Description	Scope
>> >> >> >> sn	Yes	boolean		
>> >> >> >> storage	Yes	object		
>> >> >> >> >> total	Yes	boolean		
>> >> >> >> >> usage	Yes	boolean		
>> >> >> >> >> used	Yes	boolean		
>> >> >> >> tilt	Yes	boolean		
>> >> >> enable	Yes	boolean		
>> >> >> gaze	Yes	object		
>> >> >> >> gazeTotal	Yes	boolean		
>> >> >> >> gazeTrigger	Yes	boolean		
>> >> >> >> uuid	Yes	boolean		
>> >> >> io	Yes	object		
>> >> >> >> dinPeriodData	Yes	boolean	DI periodic data	
>> >> >> >> dinTotalData	Yes	boolean	DI total data	
>> >> >> >> dinTriggerData	Yes	boolean	DI trigger reporting	
>> >> >> line	Yes	object		
>> >> >> >> linePeriod	Yes	boolean		
>> >> >> >> lineTotal	Yes	object		
>> >> >> >> >> capacity	Yes	boolean		
>> >> >> >> >> count	Yes	boolean		
>> >> >> >> lineTrigger	Yes	boolean		
>> >> >> >> name	Yes	boolean		
>> >> >> >> uuid	Yes	boolean		
>> >> >> liveData	Yes	object	Real-time Data	
>> >> >> >> config	Yes	boolean	Algorithm configuration data	

Name	Required	Type	Description	Scope
>> >> >> >> object	Yes	boolean	Detection target data	
>> >> >> node	Yes	object	Node device information	
>> >> >> >> device	Yes	object		
>> >> >> >> >> connectStatus	Yes	boolean		
>> >> >> >> >> cpu	Yes	object		
>> >> >> >> >> >> temperature	Yes	boolean		
>> >> >> >> >> >> usage	Yes	boolean		
>> >> >> >> >> customDeviceId	Yes	boolean		
>> >> >> >> >> customSiteId	Yes	boolean		
>> >> >> >> >> firmwareVer	Yes	boolean		
>> >> >> >> >> hardwareVer	Yes	boolean		
>> >> >> >> >> ip	Yes	boolean		
>> >> >> >> >> mac	Yes	boolean		
>> >> >> >> >> memory	Yes	object		
>> >> >> >> >> >> total	Yes	boolean		
>> >> >> >> >> >> usage	Yes	boolean		
>> >> >> >> >> >> used	Yes	boolean		
>> >> >> >> >> name	Yes	boolean		
>> >> >> >> >> runningTime	Yes	boolean		
>> >> >> >> >> sn	Yes	boolean		
>> >> >> >> >> storage	Yes	object		

Name	Required	Type	Description	Scope
>> >> >> >> >> >> total	Yes	boolean		
>> >> >> >> >> >> usage	Yes	boolean		
>> >> >> >> >> >> used	Yes	boolean		
>> >> >> >> >> tilt	Yes	boolean		
>> >> >> >> network	Yes	object		
>> >> >> >> >> cellId	Yes	boolean		
>> >> >> >> >> iccid	Yes	boolean		
>> >> >> >> >> imei	Yes	boolean		
>> >> >> >> >> lac	Yes	boolean		
>> >> >> >> >> status	Yes	boolean		
>> >> >> network	Yes	object	Cellular Version Only	
>> >> >> >> cellId	Yes	boolean		
>> >> >> >> iccid	Yes	boolean		
>> >> >> >> imei	Yes	boolean		
>> >> >> >> lac	Yes	boolean		
>> >> >> >> status	Yes	boolean		
>> >> >> region	Yes	object		
>> >> >> >> name	Yes	boolean		
>> >> >> >> regionPeriod	Yes	boolean		
>> >> >> >> regionTrigger	Yes	object		
>> >> >> >> >> count	Yes	boolean		
>> >> >> >> >> dwellStartTime	Yes	boolean		
>> >> >> >> >> dwellTime	Yes	boolean		
>> >> >> >> uuid	Yes	boolean		
>> >> >> time	Yes	object		

Name	Required	Type	Description	Scope
>> >> >> >> dstEnable	Yes	boolean		
>> >> >> >> dstStatus	Yes	boolean		
>> >> >> >> endTime	Yes	boolean		
>> >> >> >> startTime	Yes	boolean		
>> >> >> >> timeZone	Yes	boolean		
>> >> >> >> tirggerTime	Yes	boolean		
>> >> >> uwb	Yes	object		
>> >> >> >> tagSn	Yes	boolean		
>> >> >> >> tagBattery	Yes	boolean		
>> >> liveReport	Yes	object	Real-time Report	
>> >> >> enable	Yes	boolean		
>> >> period	Yes	object		
>> >> >> enable	Yes	boolean		
>> >> >> intervalMin	Yes	integer		
>> >> >> mode	Yes	integer	0:on the dot 1:from now on	
>> >> >> onDotMin	Yes	integer		
>> >> retransmis	Yes	boolean		
>> >> trigger	Yes	object	Trigger Report	
>> >> >> cooldown	Yes	object		
>> >> >> >> enable	Yes	boolean		
>> >> >> >> time	Yes	integer		
>> >> >> enable	Yes	boolean	Enable trigger reporting	
>> >> >> schedule	Yes	object	Trigger reporting scheduling	
>> >> >> >> enable	Yes	boolean		
>> >> >> >> list	Yes	[object]		

Name	Required	Type	Description	Scope
>> >> >> >> >> date	Yes	[integer]	0: Sunday 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday	
>> >> >> >> >> endTime	Yes	string	End time, format: 17:00	
>> >> >> >> >> startTime	Yes	string	Start time, format: 17:00	
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": [
        {
            "http": {
                "connectTimeout": 10,
                "passwordLength": 8,
                "url": "192.168.60.62:2000",
                "username": "admin"
            },
            "id": 0,
            "mqtt": {
                "certificateType": 1,
                "clientCertName": "",
                "clientId": "oVXLOTKBk9TdAKqOhTb3cKUg3h7YMzqw",
                "clientKeyName": "",
                "connectTimeout": 10,
                "host": "192.168.49.188",
                "keepAliveInterval": 60,
                "passwordLength": 8,
                "port": 1883,
                "qos": 2,
                "rootCertName": "",
                "tls": false,
                "topic": "chenjs-125",
                "username": "admin"
            },
            "name": "Recipient0",
            "protocol": 0,
            "strategy": {
                "customContent": {
                    "alarm": {
                        "occlusion": true,
```

```
            "tilt": true
        },
        "device": {
            "cpu": {
                "temperature": true,
                "usage": true
            },
            "customDeviceId": true,
            "customSiteId": true,
            "firmwareVer": true,
            "hardwareVer": true,
            "ip": true,
            "mac": true,
            "memory": {
                "total": true,
                "usage": true,
                "used": true
            },
            "name": true,
            "runningTime": true,
            "sn": true,
            "storage": {
                "total": true,
                "usage": true,
                "used": true
            },
            "tilt": true
        },
        "enable": false,
        "gaze": {
            "gazeTotal": true,
            "gazeTrigger": true,
            "uuid": true
        },
        "io": {
            "dinPeriodData": true,
            "dinTotalData": true,
            "dinTriggerData": true
        },
        "line": {
            "linePeriod": true,
            "lineTotal": {
                "capacity": true,
                "count": true
            },
            "lineTrigger": true,
            "name": true,
            "uuid": true
        },
        "liveData": {
            "config": true,
            "object": true
        },
        "node": {
            "device": {
                "connectStatus": true,
```

```
                "cpu": {
                    "temperature": true,
                    "usage": true
                },
                "customDeviceId": true,
                "customSiteId": true,
                "firmwareVer": true,
                "hardwareVer": true,
                "ip": true,
                "mac": true,
                "memory": {
                    "total": true,
                    "usage": true,
                    "used": true
                },
                "name": true,
                "runningTime": true,
                "sn": true,
                "storage": {
                    "total": true,
                    "usage": true,
                    "used": true
                },
                "tilt": true
            },
            "network": {
                "cellId": true,
                "iccid": true,
                "imei": true,
                "lac": true,
                "status": true
            }
        },
        "network": {
            "cellId": false,
            "iccid": false,
            "imei": false,
            "lac": false,
            "status": false
        },
        "region": {
            "name": true,
            "regionPeriod": true,
            "regionTrigger": {
                "count": true,
                "dwellStartTime": true,
                "dwellTime": true
            },
            "uuid": true
        },
        "time": {
            "dstEnable": true,
            "dstStatus": true,
            "endTime": true,
            "startTime": true,
            "timeZone": true,
```

```
                        "tirggerTime": true
                    },
                    "uwb": {
                        "tagSn": false,
                        "tagBattery": false
                    }
                },
                "liveReport": {
                    "enable": false
                },
                "period": {
                    "enable": true,
                    "intervalMin": 10,
                    "mode": 0,
                    "onDotMin": 60
                },
                "retransmis": false,
                "trigger": {
                    "cooldown": {
                        "enable": false,
                        "time": 5
                    },
                    "enable": true,
                    "schedule": {
                        "enable": false,
                        "list": [
                            {
                                "date": [
                                    0,
                                    1,
                                    2,
                                    3,
                                    4,
                                    5,
                                    6
                                ],
                                "endTime": "22:00",
                                "startTime": "09:00"
                            }
                        ]
                    }
                }
            }
        ],
        "message": "ok",
        "transmitTime": 3
}
```


setRecipient

- **Path**: /api/v1/system/setRecipient
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Used to configure the report recipient.

If no ID is specified, a new recipient will be added, and an ID will be automatically assigned.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
id	No	integer	Recipient ID	
name	No	string	Reciepient name	
protocol	No	integer	0:mqtt,1:http	
http	No	object		
>> url	No	string		
>> username	No	string		
>> password	No	string	When the password has not been changed, the password field is not sent.	
>> connectTimeout	No	integer	Set the HTTP timeout duration.	
mqtt	No	object		
>> host	No	string		
>> port	No	integer	1-65535	
>> clientId	No	string		
>> username	No	string		
>> password	No	string	When the password has not been changed, the password field is not sent.	
>> topic	No	string		
>> qos	No	integer	0-2	
>> tls	No	boolean		
>> certificateType	No	integer	0:ca,1:self	
>> deleteRootCert	No	boolean		

Name	Required	Type	Description	Scope
>> deleteClientCert	No	boolean		
>> deleteClientKey	No	boolean		
>> connectTimeout	No	integer	Connection Timeout	
>> keepAliveInterval	No	integer	Heartbeat Interval	
strategy	No	object		
>> customContent	No	object		
>> >> alarm	No	object	Alarm types	
>> >> >> occlusion	No	boolean	Occlusion alarm	
>> >> >> tilt	No	boolean	Tilt alarm	
>> >> device	No	object		
>> >> >> cpu	No	object		
>> >> >> >> temperature	No	boolean		
>> >> >> >> usage	No	boolean		
>> >> >> customDeviceId	No	boolean		
>> >> >> customSiteId	No	boolean		
>> >> >> firmwareVer	No	boolean		
>> >> >> hardwareVer	No	boolean		
>> >> >> ip	No	boolean		
>> >> >> mac	No	boolean		
>> >> >> memory	No	object		
>> >> >> >> total	No	boolean		
>> >> >> >> usage	No	boolean		
>> >> >> >> used	No	boolean		
>> >> >> name	No	boolean		
>> >> >> runningTime	No	boolean		

Name	Required	Type	Description	Scope
>> >> >> sn	No	boolean		
>> >> >> storage	No	object		
>> >> >> >> total	No	boolean		
>> >> >> >> usage	No	boolean		
>> >> >> >> used	No	boolean		
>> >> >> tilt	No	boolean		
>> >> enable	No	boolean		
>> >> gaze	No	object		
>> >> >> gazeTotal	No	boolean		
>> >> >> gazeTrigger	No	boolean		
>> >> >> uuid	No	boolean		
>> >> io	No	object	IO settings	
>> >> >> dinPeriodData	No	boolean	DI periodic data	
>> >> >> dinTotalData	No	boolean	DI total data	
>> >> >> dinTriggerData	No	boolean	DI trigger reporting	
>> >> line	No	object		
>> >> >> linePeriod	No	boolean		
>> >> >> lineTotal	No	object		
>> >> >> >> capacity	No	boolean		
>> >> >> >> count	No	boolean		
>> >> >> lineTrigger	No	boolean		
>> >> >> name	No	boolean		
>> >> >> uuid	No	boolean		
>> >> network	No	object		
>> >> >> cellId	No	boolean		
>> >> >> iccid	No	boolean		

Name	Required	Type	Description	Scope
>> >> >> imei	No	boolean		
>> >> >> lac	No	boolean		
>> >> >> status	No	boolean		
>> >> node	No	object	Node device information	
>> >> >> device	No	object		
>> >> >> >> connectStatus	No	boolean		
>> >> >> >> cpu	No	object		
>> >> >> >> >> temperature	No	boolean		
>> >> >> >> >> usage	No	boolean		
>> >> >> >> customDeviceId	No	boolean		
>> >> >> >> customSiteId	No	boolean		
>> >> >> >> firmwareVer	No	boolean		
>> >> >> >> hardwareVer	No	boolean		
>> >> >> >> ip	No	boolean		
>> >> >> >> mac	No	boolean		
>> >> >> >> memory	No	object		
>> >> >> >> >> total	No	boolean		
>> >> >> >> >> usage	No	boolean		
>> >> >> >> >> used	No	boolean		
>> >> >> >> name	No	boolean		
>> >> >> >> runningTime	No	boolean		
>> >> >> >> sn	No	boolean		

Name	Required	Type	Description	Scope
>> >> >> >> storage	No	object		
>> >> >> >> >> total	No	boolean		
>> >> >> >> >> usage	No	boolean		
>> >> >> >> >> used	No	boolean		
>> >> >> >> tilt	No	boolean		
>> >> >> network	No	object		
>> >> >> >> cellId	No	boolean		
>> >> >> >> iccid	No	boolean		
>> >> >> >> imei	No	boolean		
>> >> >> >> lac	No	boolean		
>> >> >> >> status	No	boolean		
>> >> region	No	object		
>> >> >> name	No	boolean		
>> >> >> regionPeriod	No	boolean		
>> >> >> regionTrigger	No	object		
>> >> >> >> count	No	boolean		
>> >> >> >> dwellStartTime	No	boolean		
>> >> >> >> dwellTime	No	boolean		
>> >> >> uuid	No	boolean		
>> >> time	No	object		
>> >> >> dstEnable	No	boolean		
>> >> >> dstStatus	No	boolean		
>> >> >> endTime	No	boolean		
>> >> >> startTime	No	boolean		
>> >> >> timeZone	No	boolean		

Name	Required	Type	Description	Scope
>> >> >> tirggerTime	No	boolean		
>> >> liveData	No	object	Real-time Data	
>> >> >> object	No	boolean	Detection target data	
>> >> >> config	No	boolean	Algorithm configuration data	
>> >> uwb	No	object		
>> >> >> tagSn	No	boolean		
>> >> >> tagBattery	No	boolean		
>> period	No	object		
>> >> enable	No	boolean		
>> >> intervalMin	No	integer	1-1080	
>> >> mode	No	integer	0：On the Dot， 1：From Now On	
>> >> onDotMin	No	integer	5-720	
>> retransmis	No	boolean		
>> trigger	No	object		
>> >> cooldown	No	object		
>> >> >> enable	No	boolean	Enable reporting cooldown	
>> >> >> time	No	integer	Trigger report cooldown period	
>> >> enable	No	boolean	Enable trigger reporting	
>> >> schedule	No	object	Trigger reporting scheduling	
>> >> >> enable	No	boolean		
>> >> >> list	No	[object]		
>> >> >> >> date	No	[integer]	0: Sunday 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday	

Name	Required	Type	Description	Scope
>> >> >> >> endTime	No	string	End time, format: 17:00	
>> >> >> >> startTime	No	string	Start time, format: 17:00	
>> liveReport	No	object	Real-time Report	
>> >> enable	No	boolean		

- Body example


```
{
    "id": 0,
    "name": "Recipient0",
    "protocol": 0,
    "http": {
        "url": "192.168.60.62:2000",
        "username": "admin",
        "password": "ms123456",
        "connectTimeout": 10
    },
    "mqtt": {
        "host": "192.168.60.188",
        "port": 8883,
        "clientId": "1245678981",
        "username": "admin",
        "password": "ms123456",
        "topic": "vs125",
        "qos": 2,
        "tls": true,
        "certificateType": 1,
        "deleteRootCert": true,
        "deleteClientCert": false,
        "deleteClientKey": true,
        "connectTimeout": 10,
        "keepAliveInterval": 60
    },
    "strategy": {
        "customContent": {
            "alarm": {
                "occlusion": true,
                "tilt": true
            },
            "device": {
                "cpu": {
                    "temperature": true,
                    "usage": true
                },
                "customDeviceId": true,
                "customSiteId": true,
                "firmwareVer": true,
                "hardwareVer": true,
                "ip": true,
```

```
                "mac": true,
                "memory": {
                    "total": true,
                    "usage": true,
                    "used": true
                },
                "name": true,
                "runningTime": true,
                "sn": true,
                "storage": {
                    "total": true,
                    "usage": true,
                    "used": true
                },
                "tilt": true
            },
            "enable": false,
            "gaze": {
                "gazeTotal": true,
                "gazeTrigger": true,
                "uuid": true
            },
            "io": {
                "dinPeriodData": true,
                "dinTotalData": true,
                "dinTriggerData": true
            },
            "line": {
                "linePeriod": true,
                "lineTotal": {
                    "capacity": true,
                    "count": true
                },
                "lineTrigger": true,
                "name": true,
                "uuid": true
            },
            "liveData": {
                "config": true,
                "object": true
            },
            "node": {
                "device": {
                    "connectStatus": true,
                    "cpu": {
                        "temperature": true,
                        "usage": true
                    },
                    "customDeviceId": true,
                    "customSiteId": true,
                    "firmwareVer": true,
                    "hardwareVer": true,
                    "ip": true,
                    "mac": true,
                    "memory": {
                        "total": true,
```

```
                        "usage": true,
                        "used": true
                    },
                    "name": true,
                    "runningTime": true,
                    "sn": true,
                    "storage": {
                        "total": true,
                        "usage": true,
                        "used": true
                    },
                    "tilt": true
                },
                "network": {
                    "cellId": true,
                    "iccid": true,
                    "imei": true,
                    "lac": true,
                    "status": true
                }
            },
            "network": {
                "cellId": false,
                "iccid": false,
                "imei": false,
                "lac": false,
                "status": false
            },
            "region": {
                "name": true,
                "regionPeriod": true,
                "regionTrigger": {
                    "count": true,
                    "dwellStartTime": true,
                    "dwellTime": true
                },
                "uuid": true
            },
            "time": {
                "dstEnable": true,
                "dstStatus": true,
                "endTime": true,
                "startTime": true,
                "timeZone": true,
                "tirggerTime": true
            },
            "uwb": {
                "tagSn": false,
                "tagBattery": false
            }
        },
        "liveReport": {
            "enable": false
        },
        "period": {
            "enable": true,
```

```
            "intervalMin": 10,
            "mode": 0,
            "onDotMin": 60
        },
        "retransmis": false,
        "trigger": {
            "cooldown": {
                "enable": false,
                "time": 5
            },
            "enable": true,
            "schedule": {
                "enable": false,
                "list": [
                    {
                        "date": [
                            0,
                            1,
                            2,
                            3,
                            4,
                            5,
                            6
                        ],
                        "endTime": "22:00",
                        "startTime": "09:00"
                    }
                ]
            }
        }
    }
}
```


Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		
data	No	object		
>> id	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "id": 0
    },
    "message": "ok",
    "transmitTime": 5
}
```


- Response example: ***Recipient quantity reaches upper limit.***


```
{
    "code": 402,
    "message": "Recipient quantity reaches upper limit.",
    "transmitTime": 1
}
```


- Response example: ***Mqtt clientId already exists.***


```
{
    "code": 403,
    "message": "Mqtt clientId already exists.",
    "transmitTime": 2
}
```


deleteRecipient

- **Path**: /api/v1/system/deleteRecipient
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To delete recipient.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
id	Yes	integer		

- Body example


```
{
    "id": 0
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 4
}
```

  - Response example: ***Recipient is not exist.***

```
{
    "code": 401,
    "message": "Recipient is not exist.",
    "transmitTime": 1
}
```

setBacnetObject

- **Path**: /api/v1/system/setBacnetObject
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Set BACnet object properties.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
id	No	integer	Unique identifier for matching; not required when adding new entries.	
object	No	integer	0：Cumulative Individuals In 1：Cumulative Individuals Out 2：Region Current Number of People 3：Region Max. Dwell Time 4：Region Avg. Dwell Time 5：Reset Count 6：Wifi Status	
detectId	No	integer	0–3 represent line 0–3. 100–103 represent region 0–3.	
instanceId	No	integer	Instance ID	
description	No	string		
cov	No	object		
>> enable	No	boolean		
>> increment	No	integer	COV increment	

- Body example

```
{
    "id": 1,
    "object": 1,
    "detectId": 0,
    "instanceId": 3,
    "description": "i now2",
    "cov": {
        "enable": true,
        "increment": 1
    }
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		

Name	Required	Type	Description	Scope
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Bacnet object instanceId already exists.***

```
{
    "code": 407,
    "message": "Bacnet object instanceId already exists.",
    "transmitTime": 2
}
```

- Response example: ***Bacnet object detectId error.***

```
{
    "code": 408,
    "message": "Bacnet object detectId error.",
    "transmitTime": 2
}
```

- Response example: ***Bacnet object already exists.***

```
{
    "code": 409,
    "message": "Bacnet object already exists.",
    "transmitTime": 4
}
```

- Response example: ***Bacnet object error.***

```
{
    "code": 410,
    "message": "Bacnet object error.",
    "transmitTime": 2
}
```

- Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 17
}
```

deleteBacnetObject

- **Path**: /api/v1/system/deleteBacnetObject
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Delete BACnet object properties.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
id	No	integer		

- Body example

```
{
    "id": 0
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Bacnet object does not exist.***

```
{
    "code": 406,
    "message": "Bacnet object does not exist.",
    "transmitTime": 2
}
```

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 55
}
```

getBacnet

- **Path**: /api/v1/system/getBacnet
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to retrive bacnet relative information.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> bbmd	Yes	object		
>> >> address	Yes	string		
>> >> enable	Yes	boolean		
>> >> port	Yes	integer		
>> >> timeToLive	Yes	integer		
>> deviceId	Yes	integer		
>> deviceName	Yes	string		
>> enable	Yes	boolean		
>> objectList	Yes	[object]		
>> >> cov	Yes	object		
>> >> >> enable	Yes	boolean		
>> >> >> increment	Yes	integer		
>> >> description	Yes	string		
>> >> detectId	Yes	integer		
>> >> id	Yes	integer		
>> >> instanceId	Yes	integer		
>> >> name	Yes	string		
>> >> object	Yes	integer		

Name	Required	Type	Description	Scope
>> port	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "bbmd": {
            "address": "",
            "enable": false,
            "port": 1,
            "timeToLive": 3600
        },
        "deviceId": 1230,
        "deviceName": "vs125_chenjs9998",
        "enable": true,
        "objectList": [
            {
                "cov": {
                    "enable": true,
                    "increment": 1
                },
                "description": "i now",
                "detectId": 0,
                "id": 7,
                "instanceId": 7,
                "name": "Wi-Fi Status",
                "object": 6
            },
            {
                "cov": {
                    "enable": true,
                    "increment": 1
                },
                "description": "i now",
                "detectId": 0,
                "id": 6,
                "instanceId": 6,
                "name": "Reset Count-Line0",
                "object": 5
            }
        ],
        "port": 5593
    },
    "message": "ok",
    "transmitTime": 1
}
```

setBacnetConfig

- **Path**: /api/v1/system/setBacnetConfig
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Set up the BACnet connection parameters.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
enable	No	boolean		
port	No	integer		
deviceId	No	integer		
deviceName	No	string		
bbmd	No	object		
>> enable	No	boolean		
>> port	No	integer		
>> address	No	string		
>> timeToLive	No	integer		

- Body example

```
{
    "bbmd": {
        "address": "",
        "enable": false,
        "port": 1,
        "timeToLive": 3600
    },
    "deviceId": 9527,
    "deviceName": "\u9b3c\u9b3c\u9b3c",
    "enable": true,
    "port": 47808
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 17
}
```

System

getSystemInfo

- **Path**: /api/v1/system/getSystemInfo
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to retrieve system information, including whether the device is activated (i.e., has an administrator account), OEM information, and privacy mode.
Unauthenticated interface.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> isActive	Yes	boolean		
>> title	Yes	string		

Name	Required	Type	Description	Scope
>> oemInfo	Yes	object		
>> >> enable	Yes	boolean		
>> >> id	No	integer		
>> >> bgImage	No	integer	OEM background image type: 0: Standard 1: Neutral	
>> hardwareType	Yes	integer		
>> privacy	Yes	object		
>> >> imageType	Yes	integer	0: Depth map 1: Grayscale image	
>> >> hasSet	Yes	boolean		
>> >> resolution	Yes	integer	0:low 1:high	
>> >> scenePreview	Yes	integer	0: Video stream 1: Single frame image 2: No image	
>> wlan	Yes	object		
>> >> hasSet	Yes	boolean	Other WLAN options will be available only when not set.	
>> >> bandwidth	No	integer		
>> >> bandwidthList	No	object		
>> >> >> 0	Yes	string		
>> >> >> 1	Yes	string		
>> >> channel	No	integer		
>> >> cipher	No	integer		
>> >> cipherList	No	object		
>> >> >> 0	Yes	string		
>> >> country	No	string		
>> >> enable	No	boolean		
>> >> gateway	No	string		
>> >> passwordLength	No	integer		
>> >> protocol	No	integer		

Name	Required	Type	Description	Scope
>> >> protocolList	No	object		
>> >> >> 0	Yes	string		
>> >> >> 1	Yes	string		
>> >> >> 2	Yes	string		
>> >> securityMode	No	integer		
>> >> securityModeList	No	object		
>> >> >> 0	Yes	string		
>> >> >> 4	Yes	string		
>> >> ssid	No	string		
>> >> broadcastSsid	No	boolean	Enable broadcast ssid	
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "hardwareType": 0,
        "isActive": true,
        "oemInfo": {
            "enable": true,
            "id": 0,
            "bgImage": 0
        },
        "privacy": {
            "hasSet": true,
            "imageType": 1,
            "resolution": 1,
            "scenePreview": 0
        },
        "title": "AI Stereo Vision People Counter",
        "wlan": {
            "bandwidth": 1,
            "bandwidthList": {
                "0": "40MHZ",
                "1": "20MHZ"
            },
            "channel": 0,
            "cipher": 0,
            "cipherList": {
```

```
                "0": "AES"
            },
            "country": "CN",
            "enable": false,
            "gateway": "192.168.1.1",
            "hasSet": false,
            "passwordLength": 0,
            "protocol": 2,
            "protocolList": {
                "0": "802.11b (2.4G)",
                "1": "802.11g (2.4G)",
                "2": "802.11n (2.4G)"
            },
            "securityMode": 0,
            "securityModeList": {
                "0": "No Encryption",
                "4": "WPA2-PSK"
            },
            "ssid": "People Counter_AABBCD",
            "broadcastSsid": true
        }
    },
    "message": "ok",
    "transmitTime": 4
}
```


getDeviceInfo

- **Path**: /api/v1/system/getDeviceInfo
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to retrieve device-related information.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> deviceName	Yes	string		
>> productModel	Yes	string		
>> sn	Yes	string		

Name	Required	Type	Description	Scope
>> hardwareVer	Yes	string		
>> softwareVer	Yes	string		
>> ethMac	Yes	string		
>> wifiMac	Yes	string		
>> customDeviceId	Yes	string	POE	
>> customSiteId	Yes	string	POE	
>> runningTime	Yes	integer	POE	
>> ledSwitch	Yes	boolean	LED indicator switch.	
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***VS125-PoE***


```
{
    "code": 0,
    "data": {
        "customDeviceId": "",
        "customSiteId": "",
        "deviceName": "People Counter",
        "ethMac": "24:E1:24:FA:0C:6C",
        "hardwareVer": "V1.0",
        "productModel": "VS125-P",
        "runningTime": 48375,
        "sn": "6834E16179950007",
        "softwareVer": "V_125.1.0.1-hard-test1",
        "wifiMac": "12:13:14:15:16:17",
        "ledSwitch": true
    },
    "message": "ok",
    "transmitTime": 1
}
```


- Response example: ***VS125-CAT1***


```
{
    "code": 0,
    "data": {
        "customDeviceId": "",
        "customSiteId": "",
        "deviceName": "People Counter_oem",
        "ethMac": "24:E1:24:FA:0C:E2",
        "hardwareVer": "V2.1",
        "productModel": "NF125-L0BEU",
        "runningTime": 45381,
        "sn": "6384E16184430017",
```

```
        "softwareVer": "v_125.1.20.1-hard-test1",
        "wifiMac": "12:34:56:78:10:11",
        "ledSwitch": true
    },
    "message": "ok",
    "transmitTime": 5
}
```


setDeviceInfo

- **Path**: /api/v1/system/setDeviceInfo
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to set device information.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
deviceName	No	string		
customDeviceId	No	string		
customSiteId	No	string		
ledSwitch	No	boolean	LED indicator switch.	

- Body example


```
{
    "deviceName": "vs125-1",
    "customDeviceId": "123456",
    "customSiteId": "789",
    "ledSwitch": true
}
```


Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 2
}
```

reboot

- **Path**: /api/v1/system/reboot
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
To reboot.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 10
}
```

resetConfig

- **Path**: /api/v1/system/resetConfig
- **Method**: post

- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
To reset configuration.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
resetAll	Yes	boolean	If a full configuration reset is required, account and password must be provided.	
user	Yes	object		
>> username	Yes	string		
>> password	Yes	string		

- Body example

```
{
    "resetAll": true,
    "user": {
        "username": "21232F297A57A5A743894A0E4A801FC3",
        "password": "3376EC73E91EBD975D2AFFD02B68A262"
    }
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

    - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 688
}
```

- Response example: ***Wrong user or password.***

```
{
    "code": 101,
    "message": "Wrong user or password.",
    "transmitTime": 2
}
```

setPrivacyMode

- **Path**: /api/v1/system/setPrivacyMode
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to enable privacy mode.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
scenePreview	No	integer	0: Video stream, 1: Static image, 2: No image	
imageType	No	integer	0: Pseudo-color, 1: Monochrome	
resolution	No	integer	0: Low resolution, 1: High resolution; valid only when scenePreview is 0 and imageType is 1	
password	No	string	The SHA-256 hash of the admin password; this password is not required during initial setup.	

- Body example

```
{
    "scenePreview": 0,
    "imageType": 0,
    "resolution": 1,
    "password":
"4D9265CC29BF1CA45E5EEE8D42B91173F41D37A8D1A89A7658C4C4F15933FE50"
}
```


Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***


```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 2
}
```


  - Response example: ***Playback recording***


```
{
    "code": 904,
    "message": "Playback recording",
    "transmitTime": 1
}
```


  - Response example: ***Wrong user or password.***


```
{
    "code": 101,
    "message": "Wrong user or password.",
    "transmitTime": 2
}
```


searchLog

- **Path**: /api/v1/system/searchLog
- **Method**: post

- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To query system logs, currently only supports querying device uptime.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
startTime	Yes	string	Format as YYYY-MM-DDTHH:MM:SS.sss	
endTime	Yes	string	Format as YYYY-MM-DDTHH:MM:SS.sss	

- Body example

```
{
    "startTime": "2024-07-02T11:00:00.000",
    "endTime": "2024-08-03T11:00:00.000"
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> log	Yes	[object]		
>> >> PowerOnTime	Yes	string		
>> >> ShutdownTime	Yes	string		

Name	Required	Type	Description	Scope
>> >> rebootCode	Yes	integer	-1: Running 0: Unknown reason reboot 1: Manual reboot 2: Network modification reboot 3: Web upgrade reboot 4: Software reset reboot 5: Hardware reset reboot 6: Configuration import reboot 7: Remote management configuration import 8: Remote management upgrade 9: Upgrade failure reboot 10: Multicast network configuration modification reboot 11: mssserver crash 12: avserver crash 13: lighttpd crash 14: Multi-device stitching mode change 15: Multiple 4G dial-up failures	
>> >> runningTime	Yes	integer	Unit: s	
>> >> rebootMessage	Yes	string		
>> recordCount	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "log": [
            {
                "PowerOnTime": "2024-07-22T09:34:27+08:00",
                "ShutdownTime": "2024-07-22T09:41:59+08:00",
                "rebootCode": 1,
                "rebootMessage": "normal",
                "runningTime": 451
            },
```

```
            {
                "PowerOnTime": "2024-07-22T09:42:05+08:00",
                "ShutdownTime": "2024-07-22T09:54:47+08:00",
                "rebootCode": 3,
                "rebootMessage": "upgrade success",
                "runningTime": 761
            },
            {
                "PowerOnTime": "2024-07-22T09:54:56+08:00",
                "ShutdownTime": "2024-07-22T10:18:57+08:00",
                "rebootCode": 3,
                "rebootMessage": "upgrade success",
                "runningTime": 1441
            },
            {
                "PowerOnTime": "2024-07-22T10:19:04+08:00",
                "ShutdownTime": "2024-07-22T10:19:43+08:00",
                "rebootCode": 0,
                "rebootMessage": "unknown",
                "runningTime": 39
            },
            {
                "PowerOnTime": "2024-07-22T10:19:51+08:00",
                "ShutdownTime": "2024-07-22T10:20:14+08:00",
                "rebootCode": -1,
                "rebootMessage": "system is running",
                "runningTime": 23
            }
        ],
        "recordCount": 5
    },
    "message": "ok",
    "transmitTime": 3
}
```


getSshInfo

- **Path**: /api/v1/system/getSshInfo
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To get SSH-related information.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> enable	Yes	boolean		
>> port	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "enable": true,
        "port": 22
    },
    "message": "ok",
    "transmitTime": 2
}
```

setSshInfo

- **Path**: /api/v1/system/setSshInfo
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To set SSH-related information.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
enable	Yes	boolean		
port	Yes	integer	1-65535	

- Body example

```
{
    "enable": true,
    "port": 22
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 1
}
```

  - Response example: ***Port is already occupied.***

```
{
    "code": 3001,
    "message": "Port is already occupied.",
    "transmitTime": 3
}
```

getAlarmInfo

- **Path**: /api/v1/system/getAlarmInfo
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Used to retrieve alarm-related information.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> lineDout	Yes	object		
>> >> enable	Yes	boolean		
>> >> pulseInterval	Yes	integer	Pulse interval	
>> >> categories	Yes	[object]		
>> >> >> event	Yes	integer	0：Munal 1：Adults 2：Children 3：Staff 4：Group	
>> >> >> items	Yes	[object]		
>> >> >> >> type	No	integer	When event is 0, there is no type. Event: 0：In 1：Out 2：Male In 3：Male Out 4：Female In 5：Female Out 6：Gender Unidentified In 7：Gender Unidentifie Out	
>> >> >> >> enable	Yes	boolean		
>> >> >> >> pulseWidth	Yes	integer	Pulse width	
>> >> >> >> channel	Yes	integer	1：DO1 2：DO2 3：DO1+DO2	
>> triggerDin	Yes	object	DI Trigger Counting Function	
>> >> enable	Yes	boolean		
>> >> name	Yes	string	Name of the trigger event	
>> >> currentStatus	Yes	integer		

Name	Required	Type	Description	Scope
>> >> triggerStatus	Yes	integer	0：low 1：high	
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "lineDout": {
            "categories": [
                {
                    "event": 0,
                    "items": [
                        {
                            "channel": 3,
                            "enable": true,
                            "pulseWidth": 5000
                        }
                    ]
                },
                {
                    "event": 1,
                    "items": [
                        {
                            "channel": 3,
                            "enable": false,
                            "pulseWidth": 100,
                            "type": 0
                        },
                        {
                            "channel": 3,
                            "enable": false,
                            "pulseWidth": 200,
                            "type": 1
                        },
                        {
                            "channel": 3,
                            "enable": false,
                            "pulseWidth": 900,
                            "type": 2
                        },
                        {
                            "channel": 3,
                            "enable": false,
                            "pulseWidth": 1000,
                            "type": 3
                        },
                        {
                            "channel": 3,
```

```
                        "enable": false,
                        "pulseWidth": 1100,
                        "type": 4
                    },
                    {
                        "channel": 3,
                        "enable": false,
                        "pulseWidth": 1200,
                        "type": 5
                    },
                    {
                        "channel": 3,
                        "enable": false,
                        "pulseWidth": 1300,
                        "type": 6
                    },
                    {
                        "channel": 3,
                        "enable": false,
                        "pulseWidth": 1400,
                        "type": 7
                    }
                ]
            },
            {
                "event": 2,
                "items": [
                    {
                        "channel": 3,
                        "enable": false,
                        "pulseWidth": 300,
                        "type": 0
                    },
                    {
                        "channel": 3,
                        "enable": false,
                        "pulseWidth": 400,
                        "type": 1
                    },
                    {
                        "channel": 3,
                        "enable": false,
                        "pulseWidth": 900,
                        "type": 2
                    },
                    {
                        "channel": 3,
                        "enable": false,
                        "pulseWidth": 1000,
                        "type": 3
                    },
                    {
                        "channel": 3,
                        "enable": false,
                        "pulseWidth": 1100,
                        "type": 4
```

```
                        },
                        {
                            "channel": 3,
                            "enable": false,
                            "pulseWidth": 1200,
                            "type": 5
                        },
                        {
                            "channel": 3,
                            "enable": false,
                            "pulseWidth": 1300,
                            "type": 6
                        },
                        {
                            "channel": 3,
                            "enable": false,
                            "pulseWidth": 1400,
                            "type": 7
                        }
                    ]
                },
                {
                    "event": 3,
                    "items": [
                        {
                            "channel": 3,
                            "enable": false,
                            "pulseWidth": 500,
                            "type": 0
                        },
                        {
                            "channel": 3,
                            "enable": false,
                            "pulseWidth": 600,
                            "type": 1
                        }
                    ]
                },
                {
                    "event": 4,
                    "items": [
                        {
                            "channel": 3,
                            "enable": false,
                            "pulseWidth": 700,
                            "type": 0
                        },
                        {
                            "channel": 3,
                            "enable": false,
                            "pulseWidth": 800,
                            "type": 1
                        }
                    ]
                }
            ],
```

```
            "enable": true,
            "pulseInterval": 100
        },
        "triggerDin": {
            "currentStatus": 1,
            "enable": true,
            "name": "Digital Input",
            "triggerStatus": 1
        }
    },
    "message": "ok",
    "transmitTime": 4
}
```


setAlarmInfo

- **Path**: /api/v1/system/setAlarmInfo
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Used to configure alarm-related information.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
lineDout	No	object		
>> enable	No	boolean		
>> pulseInterval	No	integer	Pulse Interval	10 ~ 500
>> categories	No	[object]	The event category. You can configure one or more events. The keywords "event" and "type" are used to distinguish between different events.	
>> >> event	No	integer	0：Munal 1：Adults 2：Children 3：Staff 4：Group	
>> >> items	No	[object]		

Name	Required	Type	Description	Scope
>> >> >> type	No	integer	When the event is 0, there is no type. 0：In 1：Out 2：Male In 3：Male Out 4：Female In 5：Female Out 6：Gender Unidentified In 7：Gender Unidentifie Out	
>> >> >> enable	Yes	boolean		
>> >> >> pulseWidth	Yes	integer	Pulse width	
>> >> >> channel	Yes	integer	1：DO1 2：DO2 3：DO1+DO2	
doutTrigger	No	boolean	Triggers a one-time manual Do when set to true.	
triggerDin	No	object	DI Trigger Counting Function	
>> enable	No	boolean		
>> name	No	string	Name of the trigger event	
>> triggerStatus	No	integer	0：low 1：high	

- Body example


```
{
    "lineDout": {
        "categories": [
            {
                "event": 0,
                "items": [
                    {
                        "channel": 3,
                        "enable": true,
                        "pulseWidth": 4092
                    }
                ]
            },
            {
                "event": 1,
                "items": [
                    {
                        "channel": 2,
```

```
                        "enable": true,
                        "pulseWidth": 102,
                        "type": 0
                    },
                    {
                        "channel": 3,
                        "enable": true,
                        "pulseWidth": 201,
                        "type": 1
                    },
                    {
                        "channel": 2,
                        "enable": true,
                        "pulseWidth": 901,
                        "type": 2
                    }
                ]
            }
        ],
        "enable": true,
        "pulseInterval": 102
    },
    "triggerDin": {
        "enable": true,
        "name": "Digital Input",
        "triggerStatus": 1
    },
    "doutTrigger": false
}
```


Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***


```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 27
}
```

setRtspInfo

- **Path**: /api/v1/system/setRtspInfo
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Set RTSP-related information.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
enable	No	boolean		
port	No	integer		

- Body example

```
{
    "enable": true,
    "port": 554
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

    - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 20
}
```


- Response example: ***Port is already occupied.***


```
{
    "code": 3001,
    "message": "Port is already occupied.",
    "transmitTime": 2
}
```


getRtspInfo

- **Path**: /api/v1/system/getRtspInfo
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to retrive RTSP-related information.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> enable	Yes	boolean		
>> port	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "enable": false,
        "port": 554
    },
    "message": "ok",
    "transmitTime": 1
}
```


Remote

getRemoteManage

- **Path**: /api/v1/system/getRemoteManage
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To get remote management configuration.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> enable	Yes	boolean		
>> type	Yes	integer	0:IoT Development Platform 1:Devicehub 2.0	
>> iotPlatform	Yes	object		
>> >> autoProvision	Yes	boolean		
>> >> dataTransfer	Yes	boolean		

Name	Required	Type	Description	Scope
>> >> rspEnv	Yes	integer	0: Production environment 1: Testing environment 2: Integration environment 3: Staging environment 4: Debug environment	
>> >> period	Yes	object		
>> >> >> enable	Yes	boolean		
>> >> >> mode	Yes	integer	0:on the dot 1:from now on	
>> >> >> onDotMin	Yes	integer		
>> >> >> IntervalMin	Yes	integer		
>> >> trigger	Yes	object		
>> >> >> enable	Yes	boolean		
>> >> >> cooldown	Yes	object		
>> >> >> >> enable	Yes	boolean		
>> >> >> >> time	Yes	number		
>> devicehub2	Yes	object		
>> >> enable	Yes	boolean		
>> >> serverAddr	Yes	string		
>> >> syncCustomDeviceId	Yes	boolean		
>> >> syncDeviceName	Yes	boolean		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "devicehub2": {
            "enable": false,
            "serverAddr": "",
            "syncCustomDeviceId": false,
            "syncDeviceName": false
```

```
        },
        "enable": true,
        "iotPlatform": {
            "autoProvision": true,
            "dataTransfer": false,
            "period": {
                "IntervalMin": 10,
                "enable": true,
                "mode": 0,
                "onDotMin": 60
            },
            "rspEnv": 1,
            "trigger": {
                "cooldown": {
                    "enable": true,
                    "time": 5
                },
                "enable": true
            }
        },
        "type": 0
    },
    "message": "ok",
    "transmitTime": 1
}
```


setRemoteManage

- **Path**: /api/v1/system/setRemoteManage
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To set remote management configuration.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
iotPlatform	No	object		
>> autoProvision	No	boolean		
>> dataTransfer	No	boolean		
>> period	No	object		
>> >> IntervalMin	Yes	integer		

Name	Required	Type	Description	Scope
>> >> enable	Yes	boolean		
>> >> mode	Yes	integer		
>> >> onDotMin	Yes	integer		
>> trigger	No	object		
>> >> enable	No	boolean		
>> >> cooldown	No	object	Cooldown period	
>> >> >> enable	No	boolean	Enable reporting cooldown	
>> >> >> time	No	integer	Reporting cooldown period	
>> rspEnv	No	integer	0: Production environment 1: Testing environment 2: Integration environment 3: Staging environment 4: Debug environment	
devicehub2	No	object		
>> enable	Yes	boolean		
>> serverAddr	Yes	string		
>> syncCustomDeviceId	Yes	boolean		
>> syncDeviceName	Yes	boolean		
enable	No	boolean		
type	No	integer		

- Body example

```
{
    "iotPlatform": {
        "autoProvision": true,
        "dataTransfer": false,
        "rspEnv": 1,
        "period": {
            "IntervalMin": 10,
            "enable": true,
            "mode": 0,
            "onDotMin": 60
        },
        "trigger": {
```

```
            "cooldown": {
                "enable": true,
                "time": 5
            },
            "enable": true
        }
    },
    "devicehub2": {
        "enable": false,
        "serverAddr": "",
        "syncCustomDeviceId": false,
        "syncDeviceName": false
    },
    "enable": true,
    "type": 0
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 1
}
```

Time

getTime

- **Path**: /api/v1/system/getTime
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To get device time.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> year	Yes	integer		
>> month	Yes	integer		
>> day	Yes	integer		
>> hour	Yes	integer		
>> min	Yes	integer		
>> sec	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "day": 1,
        "hour": 0,
        "min": 42,
        "month": 2,
        "sec": 47,
        "year": 2001
    },
    "message": "ok",
    "transmitTime": 1
}
```

setTime

- **Path**: /api/v1/system/setTime
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To set device time.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
year	No	integer		2000 ~
month	No	integer	1-12	
day	No	integer	1-31	
hour	No	integer	0-23	
min	No	integer	0-59	
sec	No	integer	0-59	
slaveSyncTime	No	boolean	If master/node devices are available, set true to sync node time accurately from master.	

- Body example

```
{
    "day": 1,
    "hour": 0,
    "min": 39,
    "month": 1,
    "sec": 54,
    "year": 2002,
    "slaveSyncTime": false
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 1
}
```

- Response example: ***Set time error.***

```
{
    "code": 301,
    "message": "Set time error.",
    "transmitTime": 1
}
```

getTimeOffset

- **Path**: /api/v1/system/getTimeOffset
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To get time offset information. (Daylight Saving Time, Time Zone)

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		
>> dst	Yes	object		
>> >> enable	Yes	boolean		
>> >> bias	Yes	integer		
>> >> start	Yes	object		
>> >> >> month	Yes	integer		
>> >> >> mWeek	Yes	integer		
>> >> >> wDay	Yes	integer		
>> >> >> time	Yes	integer		

Name	Required	Type	Description	Scope
>> >> end	Yes	object		
>> >> >> month	Yes	integer		
>> >> >> mWeek	Yes	integer		
>> >> >> wDay	Yes	integer		
>> >> >> time	Yes	integer		
>> timeZone	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "dst": {
            "bias": 60,
            "enable": false,
            "end": {
                "mWeek": 5,
                "month": 10,
                "time": 180,
                "wDay": 0
            },
            "start": {
                "mWeek": 5,
                "month": 3,
                "time": 120,
                "wDay": 0
            }
        },
        "timeZone": 0
    },
    "message": "ok",
    "transmitTime": 1
}
```


setTimeOffset

- **Path**: /api/v1/system/setTimeOffset
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To set time offset information. (Daylight Saving Time, Time Zone)

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
dst	Yes	object		
>> enable	Yes	boolean		
>> bias	Yes	integer	0-1440	
>> start	Yes	object		
>> >> month	Yes	integer	1-12	
>> >> wDay	Yes	integer	0-6 (Sunday-Saturday)	
>> >> mWeek	Yes	integer	1-5, The week of the month, with 5 being the last week.	
>> >> time	Yes	integer	0-1440, Unit:s	
>> end	Yes	object		
>> >> month	Yes	integer	1-12	
>> >> wDay	Yes	integer	0-6 (Sunday-Saturday)	
>> >> mWeek	Yes	integer	1-5, The week of the month, with 5 being the last week.	
>> >> time	Yes	integer	0-1440, Unit:s	
timeZone	Yes	integer	0-37	

- Body example


```
{
    "dst": {
        "bias": 60,
        "enable": false,
        "end": {
            "mWeek": 5,
            "month": 10,
            "time": 180,
            "wDay": 0
        },
        "start": {
            "mWeek": 5,
            "month": 3,
```

```
            "time": 120,
            "wDay": 0
        }
    },
    "timeZone": 27
}
```


Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***


```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 6
}
```


getTimeSync

- **Path**: /api/v1/system/getTimeSync
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
To get time synchronization information. (NTP)

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		

Name	Required	Type	Description	Scope
>> type	Yes	integer		
>> ntp	Yes	object		
>> >> serverAddr	Yes	string		
>> >> serverPort	Yes	integer		
>> >> updateCycle	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***

```
{
    "code": 0,
    "data": {
        "ntp": {
            "serverAddr": "pool.ntp.org",
            "serverPort": 123,
            "updateCycle": 60
        },
        "type": 1
    },
    "message": "ok",
    "transmitTime": 1
}
```

setTimeSync

- **Path**: /api/v1/system/setTimeSync
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To set time synchronization information. (NTP)

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
type	Yes	integer	0: Manul 1: NTP	

Name	Required	Type	Description	Scope
ntp	Yes	object		
>> serverAddr	Yes	string		
>> serverPort	Yes	integer		
>> updateCycle	Yes	integer	0-1440	

- Body example

```
{
    "type": 0,
    "ntp": {
        "serverAddr": "",
        "serverPort": 124,
        "updateCycle": 60
    }
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 5
}
```

Test

httpRecipient

- **Path**: /api/v1/test/httpRecipient
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

To test whether the HTTP receiver can receive data.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
url	Yes	string		
username	Yes	string		
password	No	string		
recipient	No	object		
>> id	No	integer	Recipient's ID: When the recipient has already been added, this field should be entered. If the password field is left empty, the password will be retrieved based on the ID, URL, and username for testing.	

- Body example

```
{
    "url": "http://192.168.60.61:2000/everyall",
    "username": "admin",
    "password": "ms123456",
    "recipient": {
        "id": 0
    }
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	Yes	object		

Name	Required	Type	Description	Scope
>> responseCode	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Test http recipient ok.***

```
{
    "code": 2001,
    "data": {
        "responseCode": 200
    },
    "message": "Test http recipient ok.",
    "transmitTime": 54
}
```

- Response example: ***Test http recipient fail.***

```
{
    "code": 2002,
    "data": {
        "responseCode": 404
    },
    "message": "Test http recipient fail.",
    "transmitTime": 11
}
```

networkOccupy

- **Path**: /api/v1/test/networkOccupy
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
To test whether an IP is occupied, use the arping method for detection.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
ip	Yes	string		

- Body example

```
{
    "ip": "192.168.60.181"
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Test ip is no exist.***

```
{
    "code": 2003,
    "message": "Test ip is no exist.",
    "transmitTime": 4047
}
```

  - Response example: ***Test ip is already exist.***

```
{
    "code": 2004,
    "message": "Test ip is already exist.",
    "transmitTime": 60
}
```

  - Response example: ***Test ip error.***

```
{
    "code": 2005,
    "message": "Test ip error.",
    "transmitTime": 4
}
```

ping

- **Path**: /api/v1/test/ping
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Used to perform ping detection and retrieve ping results.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
operate	Yes	integer	0: Check if a query is currently in progress 1: Initiate detection 2: Retrieve results 3: Close ping request	
host	No	string	Domain name or IP address	

- Body example

```
{
    "host": "192.168.60.185",
    "operate": 1
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	No	object		
>> pinging	Yes	boolean	Is ping in progress?	
>> result	Yes	string	Ping result.	
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Return whether a ping is currently in progress***

```
{
    "code": 0,
    "data": {
        "pinging": false
    },
    "message": "ok",
    "transmitTime": 1
}
```


- Response example: ***Ping result returns***


```
{
    "code": 0,
    "data": {
        "pinging": false,
        "result": "PING 192.168.60.181 (192.168.60.181): 56 data
bytes\n64 bytes from 192.168.60.181: seq=0 ttl=64 time=3.061 ms\n64
bytes from 192.168.60.181: seq=1 ttl=64 time=1.931 ms\n64 bytes from
192.168.60.181: seq=2 ttl=64 time=1.874 ms\n64 bytes from
192.168.60.181: seq=3 ttl=64 time=1.766 ms\n\n--- 192.168.60.181 ping
statistics ---\n4 packets transmitted, 4 packets received, 0% packet
loss\nround-trip min/avg/max = 1.766/2.158/3.061 ms\n"
    },
    "message": "ok",
    "transmitTime": 0
}
```


- Response example: ***Test ping operate error.***


```
{
    "code": 2006,
    "message": "Test ping operate error.",
    "transmitTime": 0
}
```


- Response example: ***Test ping already exist.***


```
{
    "code": 2007,
    "message": "Test ping already exist.",
    "transmitTime": 1
}
```


Validation

getPlaybackList

- **Path**: /api/v1/system/getPlaybackList
- **Method**: get
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Retrieve playback list.

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	No	object		
>> memory	Yes	object		
>> >> total	Yes	integer	Total available memory for recording, Unit: MB.	
>> >> free	Yes	integer	Remaining available memory for recording, Unit: MB.	
>> >> used	Yes	integer	Memory used for recording, Unit: MB.	
>> list	Yes	[object]		
>> >> id	No	integer		
>> >> name	No	string		
>> >> startTime	No	string	Start Time Format: YYYY-MM-DDTHH:MM:SS.sss	
>> >> endTime	No	string	End Time Format: YYYY-MM-DDTHH:MM:SS.sss	
>> >> duration	No	integer	Duration	
>> >> status	No	integer	Status 0: Idle 1: Recording 2: Recording successful 3: Manually stopped 4: Abnormally terminated 5: Failed	
>> >> size	No	integer	Recording size (MB)	
>> status	No	integer	0: Idle 1: Recording 2: Initialization failed	

Name	Required	Type	Description	Scope
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success***


```
{
    "code": 0,
    "data": {
        "list": [
            {
                "duration": 0,
                "endTime": "2024-12-13T22:02:08.062",
                "id": 0,
                "name": "Taskname",
                "size": 150,
                "startTime": "2024-12-13T22:02:01.768",
                "status": 3
            },
            {
                "duration": 19,
                "endTime": "2024-12-16T11:12:07.359",
                "id": 1,
                "name": "Taskname",
                "size": 1500,
                "startTime": "2024-12-16T10:52:46.617",
                "status": 3
            },
            {
                "duration": 10,
                "endTime": "2024-12-16T10:02:24.503",
                "id": 2,
                "name": "Taskname",
                "size": 850,
                "startTime": "2024-12-16T09:52:51.225",
                "status": 3
            }
        ],
        "memory": {
            "free": 5650,
            "total": 8150,
            "used": 2500
        },
        "status": 1
    },
    "message": "ok",
    "transmitTime": 5
}
```


getPlaybackTask

- **Path**: /api/v1/system/getPlaybackTask

- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description
Used to retrieve the details of a single recording task.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
id	Yes	integer	Recording task ID	

- Body example

```
{
    "id": 0
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
data	No	object		
>> task	Yes	object		
>> >> id	Yes	integer		
>> >> name	Yes	string		
>> >> status	Yes	integer	0: Idle 1: Recording 2: Recording Successful 3: Manually Stopped 4: Abnormally Terminated 5: Failed	

Name	Required	Type	Description	Scope
>> >> startTime	Yes	string	Actual Start Time, Format: YYYY-MM-DDTHH:MM:SS.sss	
>> >> startTimestamp	Yes	integer	Timestamp of the Actual Start Time, Unit: ms	
>> >> endTime	Yes	string	Actual End Time, Format: YYYY-MM-DDTHH:MM:SS.sss	
>> >> duration	Yes	integer	Actual Recording Duration，Unit: min	
>> >> taskStartTime	Yes	string	Task Start Time, Format: YYYY-MM-DDTHH:MM:SS.sss	
>> >> taskDuration	Yes	integer	Task Recording Duration，Unit: min	
>> algoInfo	Yes	object	Algorithm configuration at the start of recording.	
>> >> children	Yes	object		
>> >> >> enable	Yes	boolean		
>> >> >> threshold	Yes	integer		
>> >> deploy	Yes	object		
>> >> >> height	Yes	integer		
>> >> >> acceleEnable	Yes	boolean		
>> >> detectScope	Yes	object		
>> >> >> maxHeight	Yes	integer		
>> >> >> minHeight	Yes	integer		
>> >> lineInfo	Yes	object		
>> >> >> enable	Yes	boolean		
>> >> >> list	No	[object]		
>> >> >> >> coords	Yes	[object]		

Name	Required	Type	Description	Scope
>> >> >> >> >> x	Yes	integer		
>> >> >> >> >> y	Yes	integer		
>> >> >> >> id	Yes	integer		
>> >> >> >> name	Yes	string		
>> >> >> >> uuid	Yes	string		
>> >> >> >> flip	Yes	boolean		
>> >> >> >> uturnEnable	Yes	boolean		
>> >> >> >> uturnCoords	Yes	[object]		
>> >> >> >> >> x	Yes	integer		
>> >> >> >> >> y	Yes	integer		
>> >> regionInfo	Yes	object		
>> >> >> enable	Yes	boolean		
>> >> >> list	No	[object]		
>> >> >> >> coords	No	[object]		
>> >> >> >> >> x	Yes	integer		
>> >> >> >> >> y	Yes	integer		
>> >> >> >> count	No	object		
>> >> >> >> >> enable	Yes	boolean		
>> >> >> >> >> timeMin	Yes	integer	Unit: s, Range: 0-3600	
>> >> >> >> dwellTime	No	object		
>> >> >> >> >> enable	Yes	boolean		
>> >> >> >> >> timeMin	Yes	integer	Unit: s, Range: 0-3600	
>> >> >> >> id	No	integer		
>> >> >> >> name	No	string		
>> >> >> >> uuid	No	string		

Name	Required	Type	Description	Scope
>> >> sex	Yes	object		
>> >> >> enable	Yes	boolean		
>> >> trackMode	Yes	integer	0:Heads Tracking 1:Feet Tracking	
>> >> resetOnSchedule	Yes	object		
>> >> >> enable	Yes	boolean		
>> >> >> wDay	Yes	integer	// 0-6, 0:Sunday, 6:Saturday 7:Everyday	
>> >> >> dSec	Yes	integer	0-86399	
>> >> cascadeMode	Yes	integer	0: standalone 1: Master 2: Node	
>> >> groupCount	Yes	object		
>> >> >> countMax	Yes	integer	Maximum Number in a Group	
>> >> >> countMin	Yes	integer	Minimum Number in a Group	
>> >> >> enable	Yes	boolean		
>> >> heatMap	Yes	object		
>> >> >> enable	Yes	boolean		
>> >> staffDetect	Yes	object		
>> >> >> enable	Yes	boolean		
>> >> >> sensitivity	Yes	integer	0-100	
>> >> showDetectBox	Yes	object		
>> >> >> depth	Yes	boolean		
>> >> >> enable	Yes	boolean		
>> >> >> merge	Yes	boolean		
>> >> >> real	Yes	boolean		
>> >> detectExclusion	Yes	object	Obstacle Exclusion	
>> >> >> enable	Yes	boolean		

Name	Required	Type	Description	Scope
>> >> >> realList	Yes	[object]	Actual Filtering Area of the Device	
>> >> >> >> deviceId	No	integer	This field appears only when the device is the master device. 0: Master Device 1-15: Slave Device ID	
>> >> >> >> list	Yes	[object]		
>> >> >> >> >> id	No	integer	Region Number	
>> >> >> >> >> type	No	integer	0：Detection Exclusion 1：Height Exclusion	
>> >> >> >> >> coords	No	[object]	\	
>> >> >> >> >> >> x	No	integer		
>> >> >> >> >> >> y	No	integer		
>> >> >> mapList	No	[object]	Return master-slave device mapping and obstacle filtering area only when the device is the master device.	
>> >> >> >> deviceId	No	integer	0：Master, 1-15：Node device ID	
>> >> >> >> list	No	[object]		
>> >> >> >> >> id	No	integer	Region Number	
>> >> >> >> >> type	No	integer	0：Detection Exclusion 1：Height Exclusion	
>> >> >> >> >> coords	No	[object]	\	
>> >> >> >> >> >> x	No	integer		
>> >> >> >> >> >> y	No	integer		
>> >> historyTrackPoint	Yes	object		
>> >> >> enable	Yes	boolean		

Name	Required	Type	Description	Scope
>> cascadeInfo	No	[object]	Multi-device stitching configuration at the start of recording.	
>> >> parent	No	object		
>> >> >> id	No	integer	-1: Root node 0: Master device 1-15: Slave device ID	-1 ~ 15
>> >> >> rotation	No	integer		
>> >> >> points	No	[object]		
>> >> >> >> x	No	integer		
>> >> >> >> y	No	integer		
>> >> node	No	object		
>> >> >> id	No	integer	0: Master device 1-15: Slave device ID	0 ~ 15
>> >> >> rotation	No	integer		
>> >> >> deviceInfo	No	object		
>> >> >> >> ip	No	string		
>> >> >> >> sn	No	string		
>> >> >> >> deviceName	No	string		
>> >> >> >> httpPort	No	integer		
>> >> >> >> deployHeight	No	integer		
>> >> >> >> httpsPort	No	integer	https port numner	
>> >> >> points	No	[object]		
>> >> >> >> x	No	integer		
>> >> >> >> y	No	integer		
>> >> >> box	No	object		
>> >> >> >> x	No	integer		
>> >> >> >> y	No	integer		

Name	Required	Type	Description	Scope
>> >> >> >> w	No	integer		
>> >> >> >> h	No	integer		
>> >> >> status	No	integer	Connection status 1: Connected 2: Disconnected	
>> lineTriggerEvent	Yes	[integer]		
>> privacy	Yes	object		
>> >> scenePreview	Yes	integer	0: Video stream, 1: Image, 2: No image	
>> >> imageType	Yes	integer	0: Depth map, 1: Grayscale image; valid only when scenePreview is 0	
>> >> resolution	Yes	integer	0: Low resolution, 1: High resolution; valid only when scenePreview is 0 and imageType is 1	
message	Yes	string		
transmitTime	Yes	integer		

- Response example: ***Success.***


```
{
    "code": 0,
    "data": {
        "algoInfo": {
            "cascadeMode": 1,
            "children": {
                "enable": false,
                "threshold": 1500
            },
            "deploy": {
                "acceleEnable": true,
                "height": 3177
            },
            "detectExclusion": {
                "enable": true,
                "mapList": [
                    {
                        "deviceId": 0,
                        "list": [
                            {
                                "coords": [
                                    {
```

```
                                    "x": 48,
                                    "y": 29
                                },
                                {
                                    "x": 70,
                                    "y": 505
                                },
                                {
                                    "x": 938,
                                    "y": 515
                                },
                                {
                                    "x": 942,
                                    "y": 14
                                }
                            ],
                            "id": 0,
                            "type": 0
                        }
                    ]
                }
            ],
            "realList": [
                {
                    "deviceId": 0,
                    "list": [
                        {
                            "coords": [
                                {
                                    "x": 48,
                                    "y": 29
                                },
                                {
                                    "x": 70,
                                    "y": 505
                                },
                                {
                                    "x": 938,
                                    "y": 515
                                },
                                {
                                    "x": 942,
                                    "y": 14
                                }
                            ],
                            "id": 0,
                            "type": 0
                        }
                    ]
                }
            ]
        },
        "detectScope": {
            "maxHeight": 2000,
            "minHeight": 1000
        },
```

```
            "groupCount": {
                "countMax": 20,
                "countMin": 1,
                "enable": false
            },
            "heatMap": {
                "enable": false
            },
            "historyTrackPoint": {
                "enable": true
            },
            "lineInfo": {
                "enable": true,
                "list": [
                    {
                        "coords": [
                            {
                                "x": 417,
                                "y": 92
                            },
                            {
                                "x": 391,
                                "y": 403
                            }
                        ],
                        "flip": false,
                        "id": 0,
                        "name": "Line1",
                        "uturnCoords": [],
                        "uturnEnable": false,
                        "uuid": "919082b9-0346-46eb-86fe-03d34a34a284"
                    },
                    {
                        "coords": [
                            {
                                "x": 257,
                                "y": 454
                            },
                            {
                                "x": 755,
                                "y": 209
                            }
                        ],
                        "flip": false,
                        "id": 1,
                        "name": "Line2",
                        "uturnCoords": [
                            {
                                "x": 269,
                                "y": 320
                            },
                            {
                                "x": 395,
                                "y": 493
                            },
                            {
```

```
                            "x": 701,
                            "y": 412
                        },
                        {
                            "x": 642,
                            "y": 215
                        }
                    ],
                    "uturnEnable": true,
                    "uuid": "62f51285-b5d3-4db1-96df-c672acb233cb"
                }
            ]
        },
        "regionInfo": {
            "enable": true,
            "list": [
                {
                    "coords": [
                        {
                            "x": 348,
                            "y": 80
                        },
                        {
                            "x": 317,
                            "y": 382
                        },
                        {
                            "x": 442,
                            "y": 390
                        },
                        {
                            "x": 480,
                            "y": 78
                        }
                    ],
                    "count": {
                        "enable": true,
                        "timeMin": 0
                    },
                    "dwellTime": {
                        "enable": true,
                        "timeMin": 0
                    },
                    "id": 0,
                    "name": "Region1",
                    "uuid": "6bc196b5-dc09-439d-a0aa-a446b9582b4c"
                }
            ]
        },
        "resetOnSchedule": {
            "dSec": 0,
            "enable": false,
            "wDay": 7
        },
        "sex": {
            "enable": false
```

```
            },
            "showDetectBox": {
                "depth": true,
                "enable": true,
                "merge": true,
                "real": true
            },
            "staffDetect": {
                "enable": false,
                "sensitivity": 50
            },
            "trackMode": 1
        },
        "cascadeInfo": [
            {
                "node": {
                    "box": {
                        "h": 540,
                        "w": 960,
                        "x": 0,
                        "y": 0
                    },
                    "deviceInfo": {
                        "deployHeight": 3177,
                        "deviceName": "People Counter",
                        "httpPort": 80,
                        "httpsPort": 443,
                        "ip": "192.168.60.183",
                        "sn": "6834E16179950007"
                    },
                    "id": 0
                },
                "parent": {
                    "id": -1
                }
            },
            {
                "node": {
                    "box": {
                        "h": 1151,
                        "w": 652,
                        "x": 222,
                        "y": -164
                    },
                    "deviceInfo": {
                        "deployHeight": 3201,
                        "deviceName": "People Counter",
                        "httpPort": 80,
                        "httpsPort": 65535,
                        "ip": "192.168.60.231",
                        "sn": "6834E23235430004"
                    },
                    "id": 2,
                    "points": [
                        {
                            "x": 322,
```

```
                        "y": 459
                    },
                    {
                        "x": 474,
                        "y": 304
                    },
                    {
                        "x": 470,
                        "y": 43
                    },
                    {
                        "x": 331,
                        "y": 234
                    }
                ],
                "rotation": 90,
                "status": 1
            },
            "parent": {
                "id": 0,
                "points": [
                    {
                        "x": 339,
                        "y": 209
                    },
                    {
                        "x": 476,
                        "y": 368
                    },
                    {
                        "x": 779,
                        "y": 389
                    },
                    {
                        "x": 561,
                        "y": 222
                    }
                ],
                "rotation": 0
            }
        }
    ],
    "lineTriggerEvent": [
        1734320117318,
        1734320117908,
        1734320118015
    ],
    "task": {
        "duration": 1,
        "endTime": "2024-12-16T11:35:26.651",
        "id": 3,
        "name": "Taskname",
        "startTime": "2024-12-16T11:34:49.718",
        "startTimestamp": 1734320089718,
        "status": 3,
        "taskDuration": 30,
```

```
            "taskStartTime": "2024-12-16T11:34:46.538"
        },
        "privacy": {
            "imageType": 1,
            "resolution": 1,
            "scenePreview": 1
        }
    },
    "message": "ok",
    "transmitTime": 91
}
```


- Response example: ***Playback tecording not finished***


```
{
    "code": 906,
    "message": "Playback tecording not finished",
    "transmitTime": 9
}
```


setPlaybackTask

- **Path**: /api/v1/system/setPlaybackTask
- **Method**: post
- **Model**: VS125-LW-P VS125-LW-L0EGL

Description

Used to operate on a single recording task.

Request

- Header

Name	Required	Type	Value	Description
Content-Type	Yes	string	application/json	

- Body

Name	Required	Type	Description	Scope
id	No	integer	No ID required when adding.	
operation	Yes	integer	Operation to be executed 0: Add 1: Stop recording (must be recording) 2: Delete recording (must be completed)	
task	No	object	Details of the task when adding (Only required when adding a task).	
>> name	No	string		

Name	Required	Type	Description	Scope
>> recordMode	No	integer	Recording mode 0: Record now 1: Setting time	
>> startTime	No	string	Start Time Format: YYYY-MM-DDTHH:MM:SS.sss	
>> duration	No	integer	Duration（min）	

- Body example

```
{
    "id": 5,
    "operation": 0,
    "task": {
        "name": "task1",
        "recordMode": 1,
        "startTime": "2024-11-28T14:55:12.000",
        "duration": 69
    }
}
```

Response

Code	ContentType
200	json

- HTTP Status Code ***200***

Name	Required	Type	Description	Scope
code	Yes	integer		
message	Yes	string		
transmitTime	Yes	integer		

  - Response example: ***Success***

```
{
    "code": 0,
    "message": "ok",
    "transmitTime": 5
}
```

  - Response example: ***Playback task already exists***

```
{
    "code": 901,
    "message": "Playback task already exists",
    "transmitTime": 4
}
```


- Response example: ***Playback task does not exist***


```
{
    "code": 902,
    "message": "Playback task does not exist",
    "transmitTime": 4
}
```


- Response example: ***Playback time conflict***


```
{
    "code": 903,
    "message": "Playback time conflict",
    "transmitTime": 4
}
```


- Response example: ***Playback recording***


```
{
    "code": 904,
    "message": "Playback recording",
    "transmitTime": 4
}
```


- Response example: ***Playback not recording***


```
{
    "code": 905,
    "message": "Playback not recording",
    "transmitTime": 2
}
```


- Response example: ***Playback task quantity reaches upper limit***


```
{
    "code": 907,
    "message": "Playback task quantity reaches upper limit",
    "transmitTime": 4
}
```


- Response example: ***Playback memory is not enough***

```
{
    "code": 928,
    "message": "Playback memory is not enough",
    "transmitTime": 4
}
```