

# TrafficX

## DualVision TrafficX Camera



### KEY FEATURES

- ▶ **Dual-camera Integrated Evidence Collection**  
(By utilizing **Vehicle Close-up ANPR**, in combination with **Surveillance Overview**, the capture and analysis of vehicle targets and behavior enable the acquisition of reliable synchronized time and scene evidence.)
- ▶ **320km/h High Recognizable Speed** (Exceling at capturing detailed fast-paced dynamic scenes, covering 3 lanes and distance up to 50m.)
- ▶ **24/7 High Accuracy** (Achieving 99% capture rate and 98% license plate recognition rate even in low-light environments.)
- ▶ **Edge AI-based ANPR** (Incorporating advanced image processing technology capable of accurately recognizing both reflective and non-reflective license plates, it swiftly and precisely identifies license plate numbers and colors, as well as captures vehicles without license plates. Additionally, it collects relevant attributes such as vehicle color, type, and brand information.)
- ▶ **Professional violation recognition, reliable enforcement assistant.**
- ▶ **Compatibility** (Support CGI/APIs and TCP/HTTP/MQTT protocols for easy integration.)





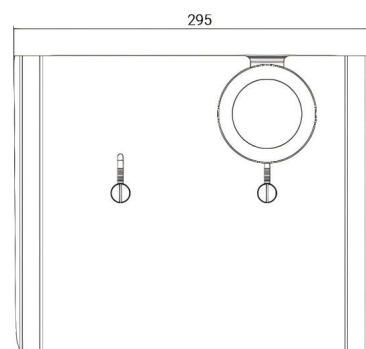
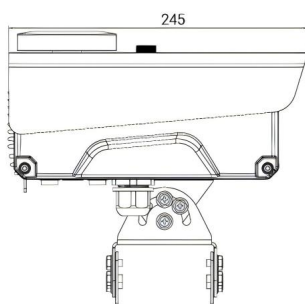
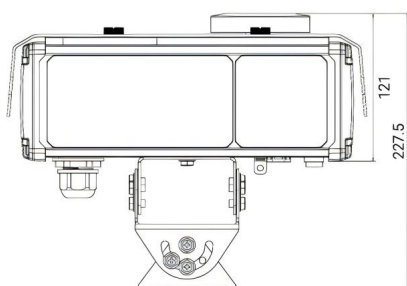
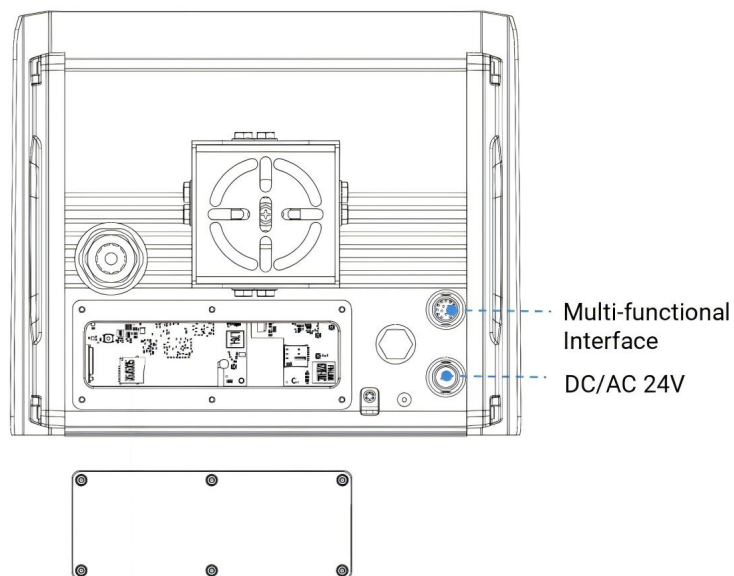
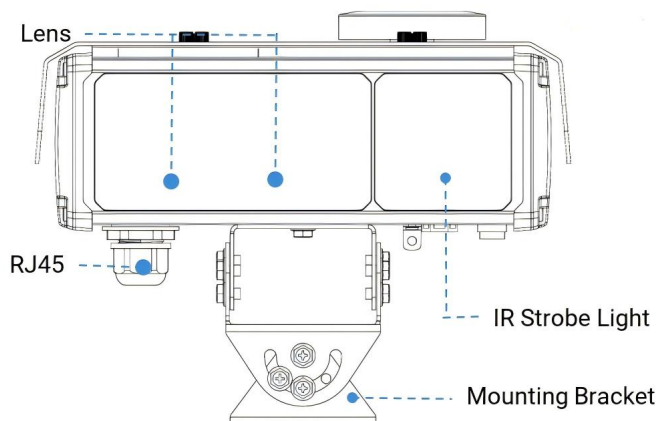
Model		TS5510-GVH (5MP*2)
Camera	Name	DualVision TrafficX Camera
	Image Sensor	Color, 2/3" Global Shutter
	Min. Illumination	Color: 0.001 Lux@(F1.4, AGC ON)
	Shutter Time	30 us- 40000 us
	Day/Night Mode	Day/Night/Auto
	Supplement Light	IR
		IR Strobe Light (9 light beads @ 850nm, 16 light beads @ 740nm)
		IR Distance
Road Traffic Management	Supplement Light	60m
		IR Wave Length
		850nm (Default), 740nm (Optional)
	Max. ANPR Range	Up to 50m
	Max. Vehicle Speed	320 km/h
	Coverage	Recommended for 2~3 lanes
	Capture Rate	Up to 99%
	Recognition Accuracy	Up to 98%
	Country Region Supported	More than 74 countries and regions
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture, Vehicle Direction Detection, Speed Detection
	Violation Management	Reverse Driving, Speed Monitoring, Vehicle Attributes Event Detection
Interface	White/Black List	Up to 20,000 records inside the camera
	LPR Smart Search	Support
	Ethernet	1*RJ45 10M/100M/1000M Ethernet Port
	RS485	Support
	Input	4 * Optoisolated Input
Lens	Output	2 * Strobe Output 1 * Relay Output
	Lens	15-50mm, Motorized zoom and focus
	Mount	Custom mount
	Field of View	horizontal FOV 41.4° to 10.3°, vertical FOV 26.8° to 8.42°, diagonal FOV 32° to 13.3°



Video	Max. Resolution	2464x2056
	Max. FPS	30fps
	Video Compression	H.265/H.264/MJPEG
	Video Bit Rate	16Kbps~16Mbps (CBR/VBR Adjustable)
	Image Setting	Brightness/Contrast/Saturation
	Privacy Masking	Up to 24 Areas (per Sensor)
System	System Compatibility	API, HTTP, TCP, MQTT, ONVIF Profile G & S & T
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB
General	Working Temperature	-40°C ~ 70°C
	Working Humidity	0~95% (Non-condensing)
	Power Consumption	Min.: 14.4W Max.: 21.2W
	Weather Proof	Up to IP67-rated for Weather-resistant Performance
	Power Supply	24 V DC/AC
	Weight	5.6Kg 8.4Kg (with Package)
	Dimensions	282.7mmx295mmx276.5mm
	Warranty	3 Years
Certifications	EMC	CE-EMC (EN 55032, EN 55035), FCC (PART 15B)
	Safety	CE-LVD (EN IEC 62368-1)
	Environment	CE-ROHS (Directive (EU) 2015/863 amending 2011/65/EU)



## Structure Diagrams



Units: mm

## Accessories Support

### A91-N Pedestal Mount

(Default)

Weight: 540g

Dimension: 80\*80\*104.5mm



### A92-N Wall Mount

Weight: 1800g

Dimension:

140\*200\*279mm



### A02 V2 Pole Mount

Weight: 1000g

Dimensions:

180\*136\*46mm

