

# Milesight



# PRODUCT BROCHURE

AI NETWORK VIDEO SURVEILLANCE

SMART BUILDING  
LoRaWAN® AI  
NDAA AI VCA  
Video Surveillance  
5G Intelligent Traffic  
LoRaWAN®  
Video Surveillance NDAA  
AIoT Video  
SMART BUILDING  
MILESIGHT D2D  
Video Surveillance AI IoT  
Multi-dimensional Sensing  
NDAA INTELLIGENT TRAFFIC  
Video Surveillance LoRaWAN®  
Video Surveillance  
SMART BUILDING  
MILESIGHT D2D  
AI VCA  
5G

NDAA AI IoT  
VCA Video Surveillance 5G  
SMART SECURITY  
IoT Video MILESIGHT D2D  
Video Surveillance  
Video Surveillance AI IoT  
NDAA INTELLIGENT TRAFFIC  
Video Surveillance LoRaWAN®  
Video Surveillance  
SMART BUILDING  
MILESIGHT D2D  
AI VCA  
5G

V9.7



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# WHY MILESIGHT ?

Milesight is a multi-dimensional sensing products company transforming how the world is perceived and connected, and delivering safety, efficiency, and business insights.



## 01 ADVANCED TECHNOLOGY

Up-to-the-minute technologies and strong R&D power keep in step with the fast-growing market.

## 02 BETTER QUALITY

Milesight is dedicated to creating stylish, high-quality, and affordable IoT video surveillance products with minimal defect rates. As an ISO9001 certified company, our products meet global security industry standards with certifications such as CE, FCC, LoRaWAN®, RoHS, RCM, and more.

## 03 WORLDWIDE COVERAGE

Milesight caters to the diverse demands of global markets, serving over 120 countries and regions. We offer comprehensive solutions for various sectors, including retail, government, industry, education, commercial, and agriculture, etc.



Reliability



Customer Oriented



Win-win Partnership



Quick Response



Efficiency



User-friendly



Professionalism

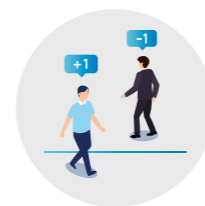


Integrity

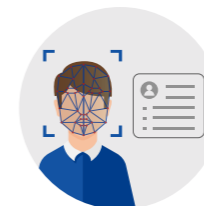
## INTELLIGENCE - AI Empowers Security



AI Video Analytics



Object Counting



Face Detection



Fire Smoke Detection



Hard Hat Detection



Intrusion Detection

## IMAGE - Embrace Sharper Vision Even at Night



High-quality Deblur



P-Iris Control



Comprehensive Defogging



SONY STARVIS 2.0



Corridor Mode



EIS Electronic Image Stabilization

# STRUCTURE - Resilient & Optimal Performance in Any Circumstance ...



# INTEROPERABILITY - Extensive Compatibility ...

## Various Protocols Supported

IPv4/IPv6, SIP, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL

## ONVIF Profile G/M/S/T

Easy to be integrated into security systems on the basis of the ONVIF protocols by supporting ONVIF profile G/M/S/T.



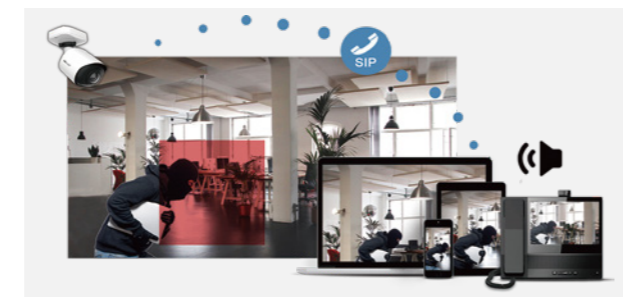
## Milesight Video Surveillance Software

Integrated and simplified video management, covering device connectivity, remote management, data analysis, and decision-making.



## SIP / VoIP

Integrate Milesight Network Cameras with SIP protocol into VoIP systems for a secure, cost-effective, and easily managed solution, enabling features like alarm push notifications and live camera views via mobile apps or VoIP telephones.



## Third-party Compatibility

Offer more flexibility to users by deepening communication with different security system through CGI / API.



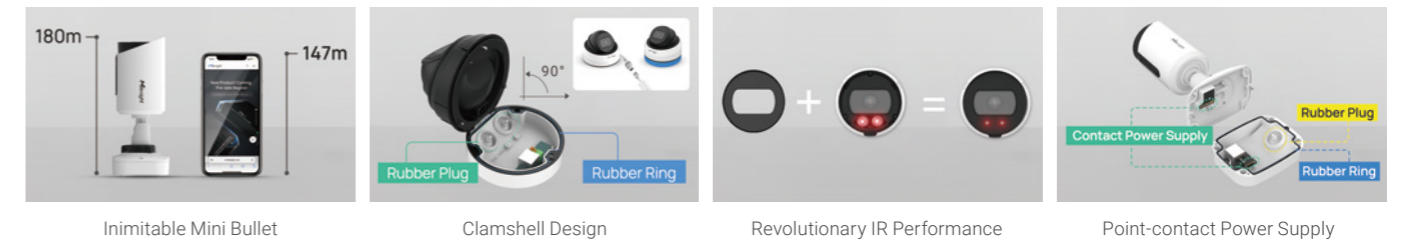
# AI NETWORK CAMERA ...

## AI MINI SERIES



## Small in Size, Big on Intelligence

Introducing Milesight compact yet powerful entry-level mini cameras. With sleek design and advanced features, they offer exceptional performance. Capture clear and detailed footage with high-resolution image quality and versatile functionality. Perfect for home monitoring and small-scale installations, our mini cameras provide reliable surveillance solutions.



<h3>AI Motorized Dome Camera</h3> <ul style="list-style-type: none"> <li>• 2/5/8 MP</li> <li>• Motorized Zoom Lens</li> <li>• 60fps High Frame Rate</li> <li>• 120dB Super WDR</li> <li>• 50m IR Distance</li> <li>• Built-in Microphone Audio I/O, Alarm I/O, PoE &amp; DC 12V</li> <li>• Integrated Junction Box</li> </ul>	<h3>AI Motorized Bullet Camera</h3> <ul style="list-style-type: none"> <li>• 2/5/8 MP</li> <li>• Motorized Zoom Lens</li> <li>• 90fps High Frame Rate</li> <li>• 140dB Super WDR</li> <li>• 50m IR Distance</li> <li>• Audio I/O, Alarm I/O, PoE &amp; DC 12V</li> <li>• Integrated Junction Box</li> </ul>	<h3>AI Vandal-proof Mini Dome Camera</h3> <ul style="list-style-type: none"> <li>• 2/5/8 MP</li> <li>• 60fps High Frame Rate</li> <li>• 120dB Super WDR</li> <li>• 30m IR Distance</li> <li>• Built-in Microphone Audio I/O, Alarm I/O, PoE &amp; DC 12V</li> <li>• Reliable Anti-vibration Performance</li> </ul>	<h3>AI Vandal-proof Mini Bullet Camera</h3> <ul style="list-style-type: none"> <li>• 2/5/8 MP</li> <li>• 60fps High Frame Rate</li> <li>• 120dB Super WDR</li> <li>• 0.005Lux Starlight</li> <li>• 30m IR Distance</li> <li>• Point-contact Power Supply</li> <li>• Integrated Junction Box</li> </ul>
<h3>AI Weather-proof Mini Dome Camera</h3> <ul style="list-style-type: none"> <li>• 2/5/8 MP</li> <li>• 60fps High Frame Rate</li> <li>• 120dB Super WDR</li> <li>• 25m IR Distance</li> <li>• Built-in Microphone</li> <li>• Clamshell Design</li> <li>• Recessed Installation</li> <li>• Integrated Junction Box</li> </ul>	<h3>AI Weather-proof Mini Bullet Camera</h3> <ul style="list-style-type: none"> <li>• 2/5/8 MP</li> <li>• 60fps High Frame Rate</li> <li>• 140dB Super WDR</li> <li>• 0.005Lux Starlight</li> <li>• 50m IR Distance</li> <li>• Audio I/O, Alarm I/O, PoE &amp; DC 12V</li> <li>• Unique Sunshield Design</li> </ul>	<h3>AI IR Mini Dome Camera</h3> <ul style="list-style-type: none"> <li>• 2/5/8 MP</li> <li>• 60fps High Frame Rate</li> <li>• 120dB Super WDR</li> <li>• 0.005Lux Starlight</li> <li>• 20m IR Distance</li> <li>• Built-in Microphone</li> <li>• Ultra-mini Size</li> <li>• Screw-free Design</li> <li>• Recessed Installation</li> </ul>	<h3>AI Color Vandal-proof Mini Bullet Camera</h3> <ul style="list-style-type: none"> <li>• 2/5/8 MP</li> <li>• Full-color Image Performance</li> <li>• Amazing Image Effect with F1.0 Aperture</li> <li>• 0.001 Lux Ultra Low-light</li> <li>• Up to 30m Illuminator Distance</li> <li>• 3-Axis Mechanical Design</li> <li>• Point-contact Power Supply</li> </ul>

# AI NETWORK CAMERA

## AI PRO SERIES



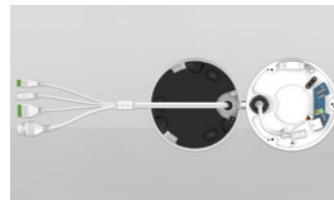
### Precision Perfected, Pro Excellence Embodied

With advanced features and enhanced capabilities, Mileight Pro Series cameras redefine excellence. Experience extended infrared distance, a wide range of interface options and a wide choice of lenses for ultimate flexibility. With superior performance and cutting-edge technology, Mileight Pro cameras deliver exceptional image quality that accurately captures every detail. Whether it's for large-scale surveillance projects or specialised applications, you can rely on the Mileight Pro Series to meet the needs of professionals who demand the highest levels of performance and versatility.

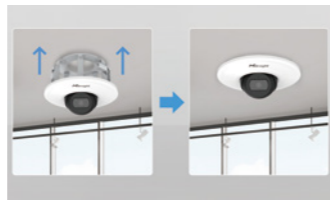
ONVIF | GMST | AI | AI | IP67 | IK10 | Starlight



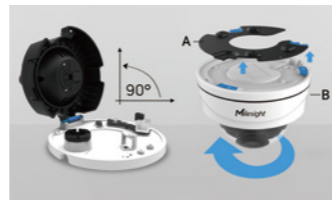
Smart IR II Technology



Versatile Interfaces:  
Audio I/O, Alarm I/O, PoE & DC 12V



Recessed Installation



Efficient & Simple Installation



### AI 4X/12X Pro Bullet Plus Camera

- 2/4/5/8 MP
- 1/1.8" STARVIS Starlight Sensor
- 4X/12X Optical Zoom
- 90fps High Frame Rate
- 140dB Super WDR
- Smart IR II with 180m IR Distance
- Integrated Junction Box



### AI Motorized Pro Bullet Plus Camera

- 2/4/5/8 MP
- 1/1.8" STARVIS Starlight Sensor
- Motorized Zoom Lens
- 90fps High Frame Rate
- 140dB Super WDR
- Smart IR II with 100m IR Distance
- Robust Structural Design & Advanced AI Capabilities
- Integrated Junction Box



### AI Motorized Pro Bullet Camera

- 2/5/8 MP
- 1/1.8" STARVIS Starlight Sensor
- Motorized Zoom Lens
- 90fps High Frame Rate
- 140dB Super WDR
- Smart IR II with 100m IR Distance
- Integrated Junction Box



### AI Motorized Pro Dome Camera

- 2/4/5/8 MP
- 1/1.8" STARVIS Starlight Sensor
- Motorized Zoom Lens
- 90fps High Frame Rate
- 140dB Super WDR
- Smart IR II with 90m IR Distance
- Recessed Installation
- Clamshell Design
- Smoked Dome Cover



### AI Pro Box Plus Camera

- 2/4/5/8 MP
- Various Zoom Lens Supported
- 0.001Lux Ultra Low-light
- 60fps High Frame Rate
- 140dB Super WDR
- Audio I/O, Alarm I/O, PoE & DC 12V
- Protective Housing (Optional)

# AI NETWORK CAMERA

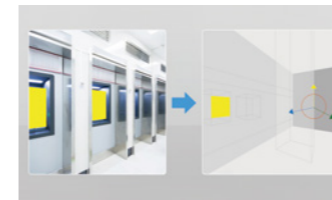
## AI PTZ SERIES



### Intelligent PTZ to Transform Your World

Mileight PTZ cameras revolutionize versatility and control. With the ability to pan, tilt and zoom, Mileight cameras offer precise navigation and focus on areas of interest. Experience high-resolution imaging, powerful zoom capabilities, and intelligent tracking for exceptional surveillance performance. Perfect for large-scale installations, public safety, or critical infrastructure, Mileight PTZ cameras provide flexibility and control to capture every detail effectively.

ONVIF | GMST | AI | AI | IP67 | IK10



PTZ Privacy Mask



IR Anti-reflection Design



PTZ Auto Tracking



3D Positioning & Keyboard Control



### AI 12X PTZ Bullet Camera

- 2/5 MP
- 140dB Super WDR
- 90fps High Frame Rate
- 360° Endless Pan & 75° Tilt
- Smart IR II with 140m IR Distance
- PTZ Auto Tracking

- Intelligent White LED
- Audio I/O, Alarm I/O, PoE & DC 12V



### AI 12X/20X/23X PTZ Bullet Plus Camera

- 2/4/5/8 MP
- 0.002Lux @ 1/1.8" STARVIS Sensor
- 140dB Super WDR
- 90fps High Frame Rate
- 360° Endless Pan & 75° Tilt
- Smart IR II with 180m IR Distance

- PTZ Auto Tracking
- Audio I/O, Alarm I/O, PoE & DC 12V
- New-generation PTZ Motor
- High Horizontal Accuracy: <0.5 Degrees
- High Vertical Accuracy: 0.3~0.5 Degrees



### AI 12X/20X/23X PTZ Dome Camera

- 2/4/5 MP
- 0.002Lux @ 1/1.8" STARVIS Sensor
- 140dB Super WDR
- 90fps High Frame Rate
- 360° Endless Pan & 95° Auto-flip Tilt
- Pan Speed 450°/s, Tilt Speed 360°/s

- Smart IR II with 160m IR Distance
- PTZ Auto Tracking
- Audio I/O, Alarm I/O, PoE & DC 12V
- IR Anti-reflection Design
- Recessed Installation



### AI 25X/30X/36X/42X Speed Dome

- 2/4/5/8 MP
- 0.002Lux @ 1/1.8" STARVIS Sensor
- 100fps High Frame Rate
- 360° Endless Pan & 95° Auto-flip Tilt
- High Horizontal Accuracy: 0.1 Degrees

- Pan Speed 400°/s, Tilt Speed 320°/s
- Smart IR II with 200/300m IR Distance
- Audio I/O, 4\*Alarm In, 2\*Alarm Out, PoE & AC 24V
- Smart Rain-sensing Wiper (Optional)

# AI NETWORK CAMERA



## AI PANORAMIC SERIES



### Boundless World, Truly Within Reach

Milesight Panorama Series cameras revolutionise the way you see the world. Capture complete 180/360-degree panoramic views with advanced technology, revealing every detail and eliminating blind spots. Ideal for surveillance, virtual tours, or capturing breathtaking landscapes, these cameras offer unparalleled performance and versatility. Elevate your visual exploration with Milesight Panoramic Series.

ONVIF | CMST | AI | IP67 | IK10 | Starlight



Stunning Dewarping Ability



People Flow Analytics



Delicate & Exquisite Design



Various Accessories For Easy Installation



#### AI 360° Panoramic Fisheye Camera

- 4K/12MP
- 1/1.8" Sony STARVIS 2 Sensor
- On-board/Client-side Dewarping
- Fisheye Auto Tracking
- Advanced Heat Map
- Smart IR II with 15m IR Distance
- Built-in Microphone, Audio I/O, Alarm I/O, PoE & DC 12V
- Screw-free Design
- Ceiling Mount/Wall Mount/Flat Mount



#### AI 180° Panoramic Mini Bullet Camera

- 5MP/4K
- Advanced Heat Map
- 180° IR Coverage
- New Generation Panoramic IR Technology
- Smart IR II with 15m IR Distance
- Ultra Mini Size - 95.8mmX74mmX158.5mm
- Built-in Microphone



#### AI 180° Panoramic Mini Dome Camera

- 5MP/4K
- Advanced Heat Map
- 180° IR Coverage
- New Generation Panoramic IR Technology
- Smart IR II with 15m IR Distance
- Built-in Microphone
- Integrated Junction Box



#### AI Dual-sensor 180° Panoramic Camera

- Exceptional 2\*4MP Image
- Intelligent Analytics Integration
- 180° Stitched Panoramas
- Wide-Angle Perspective
- Seamless Dual-View Monitoring
- Smart IR II with 30m IR Distance
- Built-in Microphone
- Ceiling Mount / Wall Mount

## AI 5G SERIES



### Empower the Future of Smart Connectivity

Milesight takes security to the next level by combining AI deep learning with cutting-edge 5G and IoT technology in the 5G AIoT Camera. This powerful hybrid solution provides seamless remote video surveillance with high-definition feeds and minimal latency. By aggregating video insights and data from IoT devices, it enables situational awareness and delivers analytics-driven insights. Experience the future of security with Milesight's 5G AIoT Camera, where advanced technologies converge for unparalleled performance.

ONVIF | CMST | AI | IP67 | IK10 | 5G | 5G | IoT | IoT



4K High Resolution



5G High Bandwidth



5G Low Latency



5G Broad Extensibility

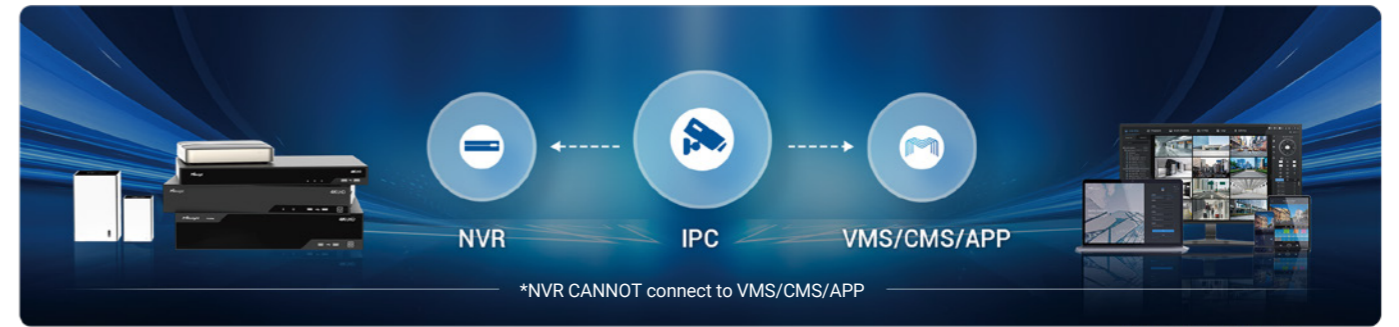


5G High Mobility



Embedded AIoT Technology

# CLOSE-LOOP VIDEO MANAGEMENT



## NVR



### Superior Video Management

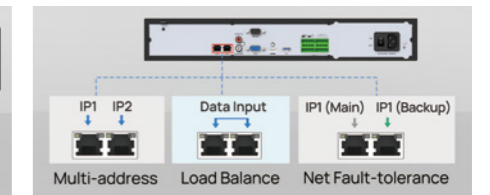
Milesight 4K H.265 NVR Series offers a robust system for diverse applications and empowers to configure and manage advanced IP surveillance systems with ease and extreme reliability. Based on cutting-edge technology, Milesight NVRs feature great user-experience in video recording, live view and playback, bringing you the high-efficient and all-in-one solution.



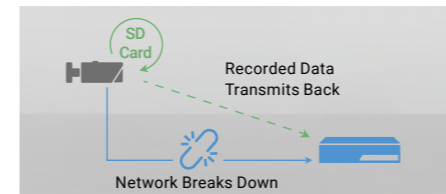
Thermal Design



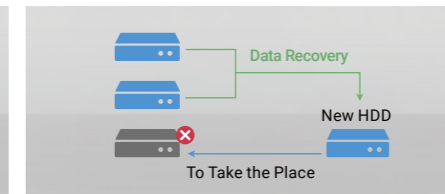
Multi-video Output



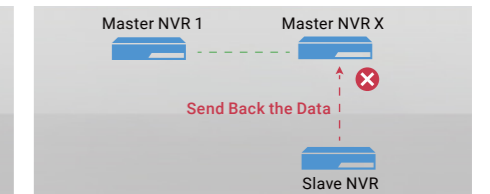
Dual Lan Giga Network Ports



ANR



RAID



N+1 Hot Spare



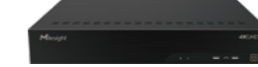
#### 4K H.265 Mini NVR 1000 Series

- 4/8-CH Network Video Input
- Up to 10TB Storage & NAS
- 4K Decoding Capabilities
- Dual Stream Recording
- AI VCA Management & POS Integration
- Thermal Design
- ANR



#### 4K H.265 Pro NVR 5000 Series

- 8/16-CH Network Video Input
- Up to 2\*10TB Storage & NAS
- 4K Decoding Capabilities
- Dual Stream Recording
- AI VCA Management & POS Integration
- Enterprise ANPR Management
- ANR



#### 4K H.265 Pro NVR 7000 Series

- 16/32-CH Network Video Input
- Up to 4\*10TB Storage & NAS
- 4K Decoding Capabilities
- Dual Stream Recording
- AI VCA Management & POS Integration
- Enterprise ANPR Management
- Dual Lan Giga Network Ports
- Multi-video Output
- ANR/RAID/N+1 Hot Spare



#### 4K Pro NVR 8000 Series

- 32/64-CH Network Video Input
- Up to 8\*10TB Storage & NAS
- 4K Decoding Capabilities
- Dual Stream Recording
- AI VCA Management & POS Integration
- Enterprise ANPR Management
- Dual Lan Giga Network Ports
- Multi-video Output
- ANR/RAID/N+1 Hot Spare

# MILESIGHT BACK-END SOLUTION



PoE

## 4K H.265 Mini PoE NVR 1000 Series

- 4\*PoE Plug & Play
- 4/8-CH Network Video Input
- Up to 10TB Storage & NAS
- 4K Decoding Capabilities
- Dual Stream Recording
- AI VCA Management & POS Integration
- Thermal Design
- ANR



PoE

## 4K H.265 Mini PoE NVR 5000 Series

- 8\*PoE Plug & Play
- 8/16-CH Network Video Input
- Up to 2\*10TB Storage & NAS
- 4K Decoding Capabilities
- Dual Stream Recording
- AI VCA Management & POS Integration
- Enterprise ANPR Management
- ANR



PoE

## 4K H.265 Mini PoE NVR 7000 Series

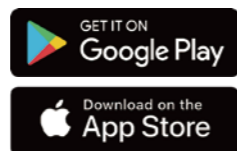
- Up to 24\*PoE Plug & Play
- 16/32-CH Network Video Input
- Up to 4\*10TB Storage & NAS
- 4K Decoding Capabilities
- Dual Stream Recording
- AI VCA Management & POS Integration
- Enterprise ANPR Management
- Multi-video Output
- ANR/RAID/N+1 Hot Spare



## 16/32/64-CH 6Bay Enterprise NVR

- 16/32-CH Models Available, 64-CH Coming Soon
- Pre-loaded with Milesight VMS Enterprise
- Windows System
- Central Management for Single Site & Multiple Sites
- High Scalability
- AI & IoT Capabilities
- Ready-to-go Design for Easy Installation
- N+M Failover

## VMS



Manage Anytime with M-VMS Mobile



M-VMS Mobile

## CMS



### Milesight CMS

- A central management system for Milesight cameras and Milesight NVRs
- Fully integrated with Milesight network cameras and NVRs
- Comprehensive management via IP/Domain, P2P and Milesight DDNS
- Support H.265/H.264 video compression
- Support multiple monitors (Up to 4 monitors, 64-CH for each monitor)
- Support up to 256 devices
- Support two-layer E-map
- Support Milesight VCA functions
- Support advanced functions like ANPR solution, Heat Map and Auto Tracking, etc.
- Support Crowd Management Solution

## APP



### M-Sight Pro APP

- Simultaneously managing Milesight network cameras and NVRs
- Support Milesight Cloud Management
- Smooth and High Quality Live Streaming
- Support image capture/video recording functions File management
- Efficient Split Playback
- Transcoding to get better playback performance
- Support scanning QR code to get a remote view via P2P
- Support iOS and Android handheld device
- Support alarm video push notification

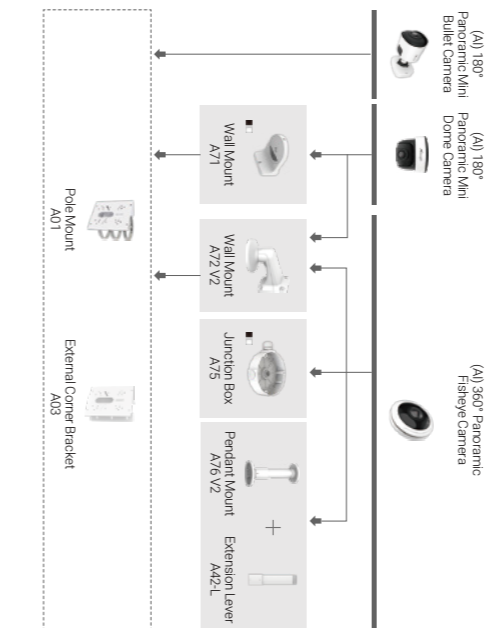
## TOOLS



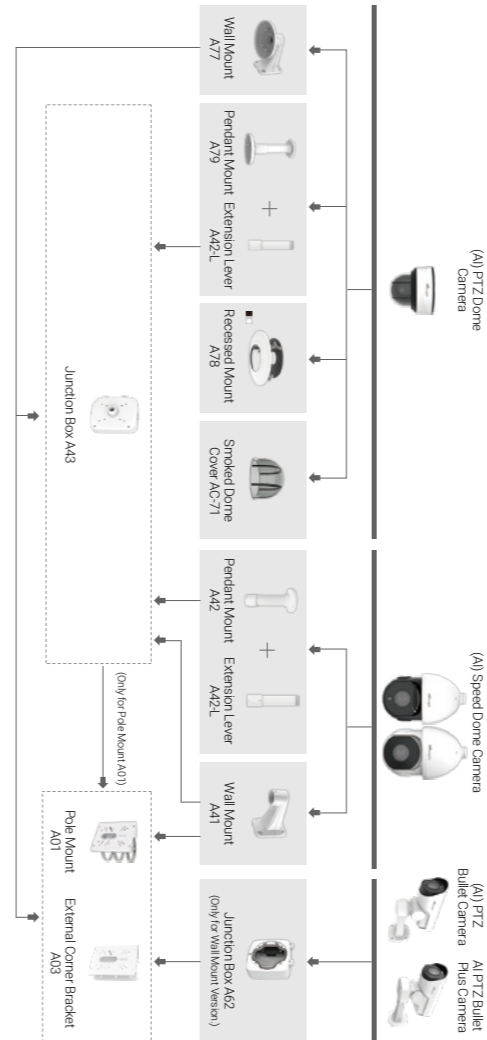
### Milesight Smart Tools

- Unified management for network cameras and NVRs
- Batch settings for Milesight devices
- Online batch upgrade for Milesight devices
- Fast, comprehensive and powerful calculation

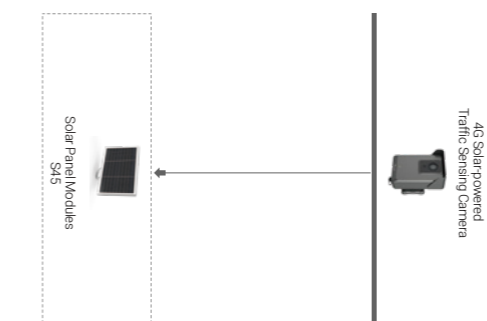
## PANORAMIC SERIES



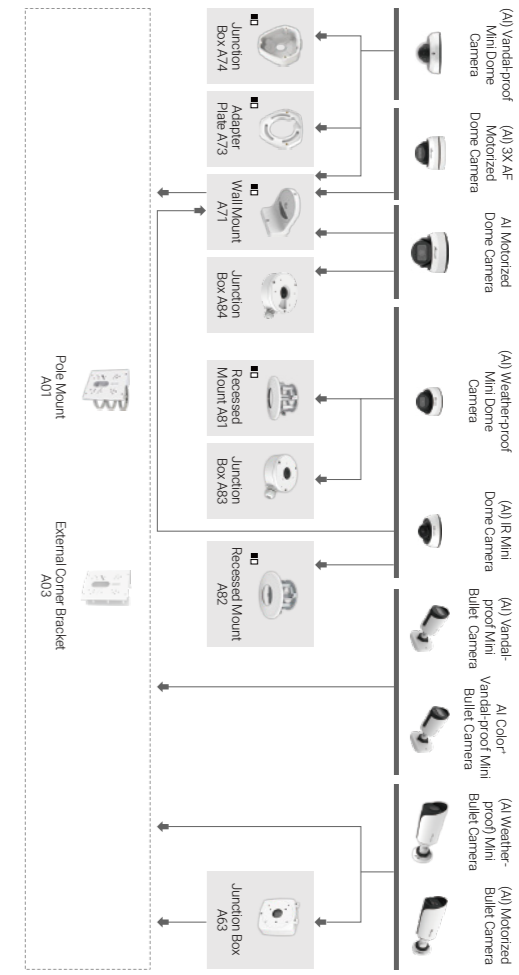
## PTZ SERIES



## SPECIAL ACCESSORIES



## MINI SERIES



## PRO SERIES

