Milesight

SMART BUILDING

LoRaWAN® AI

NDAA AI VCA

Video Surveillance

5G Intelligent Traffic
LoRaWAN®

Video Surveillance NDAA

NDAA AI IoT

AI VCA Video AIoT Video

Surveillance 5G

IoT Video SMART SECURITY

Video MILESIGHT D2D

Multi-dimensional Sensing Video Surveillance AI IoT MILESIGHT D2D

NDAA INTELLIGENT TRAFFIC

Video Surveillance LoRaWAN®

Video Surveillance

SMART BUILDING

MILESIGHT D2D

AI VCA

5G

PRODUCT BROCHURE

AI NETWORK VIDEO SURVEILLANCE

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.

OTHER SUPERIOR STRENGTH

- Reliability
- Efficiency
- Customer Oriented
- User-friendly
- Win-win Partnership
- Professionalism
- Quick Response
- Integrity

INTELLIGENCE - AI Empowers Security

- Accuracy
- Focus on Human / Vehicle
- Various Application
- Deep Learning
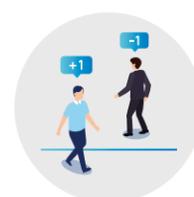
| AI Video Analytics | Object Counting | Face Detection | Fire Smoke Detection | Hard Hat Detection | Intrusion Detection |

IMAGE - Embrace Sharper Vison Even at Night

- 4K/12MP High Resolution
- 0.001Lux Starlight
- Smart IR II Technology
- 3 in 1 Super WDR
- Hightlight / Backlight Compensation
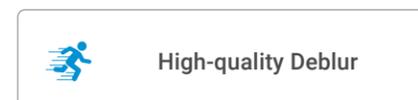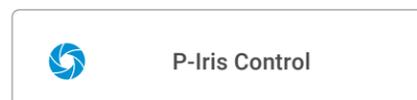
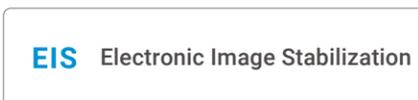- High-quality Deblur
- P-Iris Control
- Comprehensive Defogging
- SONY STARVIS 2.0
- Corridor Mode
- EIS Electronic Image Stabilization
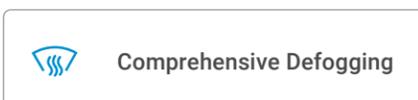
# STRUCTURE - Resilient & Optimal Performance in Any Circumstance •••

Two Colors Available

Smoked Dome Cover

Built-in Microphone

Clamshell Design

microSD/SDHC/SDXC Card Slot
Reset Button
DC 12V
Alarm I/O & Audio Out & DC 12V

90°

Ethernet Port (PoE)
Cable Management
Water-proof Connector

IP67 IK10 -40°C 60°C 6KV EN50155

(Milesight AI Motorized Pro Dome Camera)

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

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.
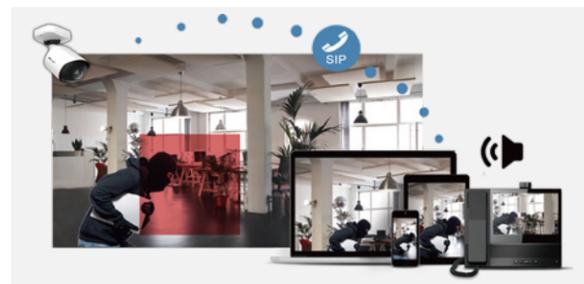
ONVIF Profile G/M/S/T

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

ONVIF GMST

Milesight Video Surveillance Software

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

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.

ONVIF GMST | AI AI | IP67 | IK10

180m — 147m

Contact Power Supply Rubber Plug Rubber Ring

Rubber Plug Rubber Ring

| Inimitable Mini Bullet | Clamshell Design | Revolutionary IR Performance | Point-contact Power Supply |

AI Motorized Dome Camera

- 2/5/8 MP
- Motorized Zoom Lens
- 60fps High Frame Rate
- 120dB Super WDR
- 50m IR Distance
- Built-in Microphone Audio I/O, Alarm I/O, PoE & DC 12V
- Integrated Junction Box

AI Motorized Bullet Camera

- 2/5/8 MP
- Motorized Zoom Lens
- 90fps High Frame Rate
- 140dB Super WDR
- 50m IR Distance
- Audio I/O, Alarm I/O, PoE & DC 12V
- Integrated Junction Box

AI Vandal-proof Mini Dome Camera

- 2/5/8 MP
- 60fps High Frame Rate
- 120dB Super WDR
- 30m IR Distance
- Built-in Microphone Audio I/O, Alarm I/O, PoE & DC 12V
- Reliable Anti-vibration Performance

AI Vandal-proof Mini Bullet Camera

- 2/5/8 MP
- 60fps High Frame Rate
- 120dB Super WDR
- 0.005Lux Starlight
- 30m IR Distance
- Point-contact Power Supply
- Integrated Junction Box

AI Weather-proof Mini Dome Camera

- 2/5/8 MP
- 60fps High Frame Rate
- 120dB Super WDR
- 25m IR Distance
- Built-in Microphone
- Clamshell Design
- Recessed Installation
- Integrated Junction Box

AI Weather-proof Mini Bullet Camera

- 2/5/8 MP
- 60fps High Frame Rate
- 140dB Super WDR
- 0.005Lux Starlight
- 50m IR Distance
- Audio I/O, Alarm I/O, PoE & DC 12V
- Unique Sunshield Design

AI IR Mini Dome Camera

- 2/5/8 MP
- 60fps High Frame Rate
- 120dB Super WDR
- 0.005Lux Starlight
- 20m IR Distance
- Built-in Microphone
- Ultra-mini Size
- Screw-free Design
- Recessed Installation

AI Color+ Vandal-proof Mini Bullet Camera

- 2/5/8 MP
- Full-color Image Performance
- Amazing Image Effect with F1.0 Aperture
- 0.001 Lux Ultra Low-light
- Up to 30m Illuminator Distance
- 3-Axis Mechanical Design
- Point-contact Power Supply

AI NETWORK CAMERA

AI PRO SERIES

Precision Perfected, Pro Excellence Embodied

With advanced features and enhanced capabilities, Milesight 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, Milesight 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 Milesight Pro Series to meet the needs of professionals who demand the highest levels of performance and versatility.

ONVIF | CMST | AI AI | IP67 | IK10 | Starlight

Smart IR II Technology
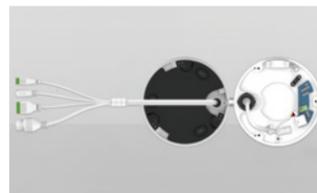
Versatile Interfaces:
Audio I/O, Alarm I/O, PoE & DC 12V

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

Milesight PTZ cameras revolutionize versatility and control. With the ability to pan, tilt and zoom, Milesight 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, Milesight PTZ cameras provide flexibility and control to capture every detail effectively.

ONVIF | CMST | 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

Wall Mount

Pedestal Mount

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 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 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

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CLOSE-LOOP VIDEO MANAGEMENT

NVR ← IPC → VMS/CMS/APP

*NVR CANNOT connect to VMS/CMS/APP

NVR

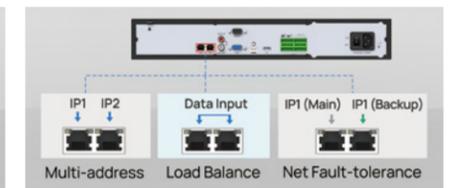### Superior Video Management

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.
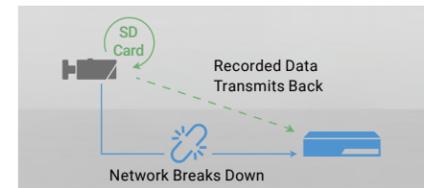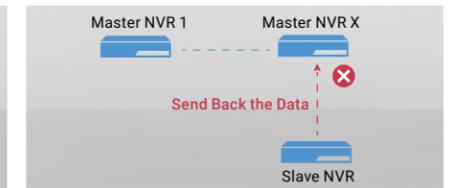
Thermal Design   Multi-video Output   Dual Lan Giga Network Ports

IP1 IP2   Data Input   IP1 (Main) IP1 (Backup)
Multi-address   Load Balance   Net Fault-tolerance

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

GET IT ON Google Play

Download on the App Store

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
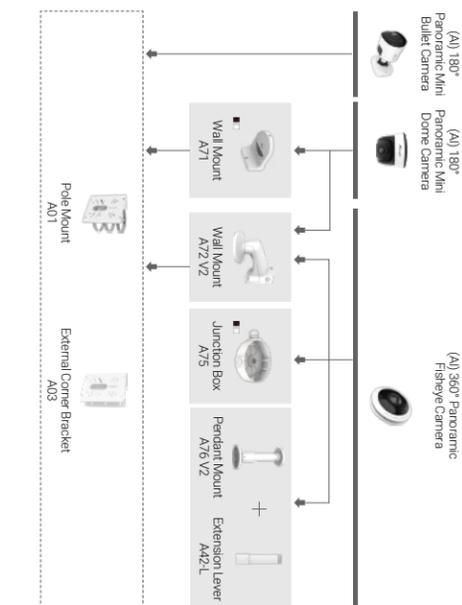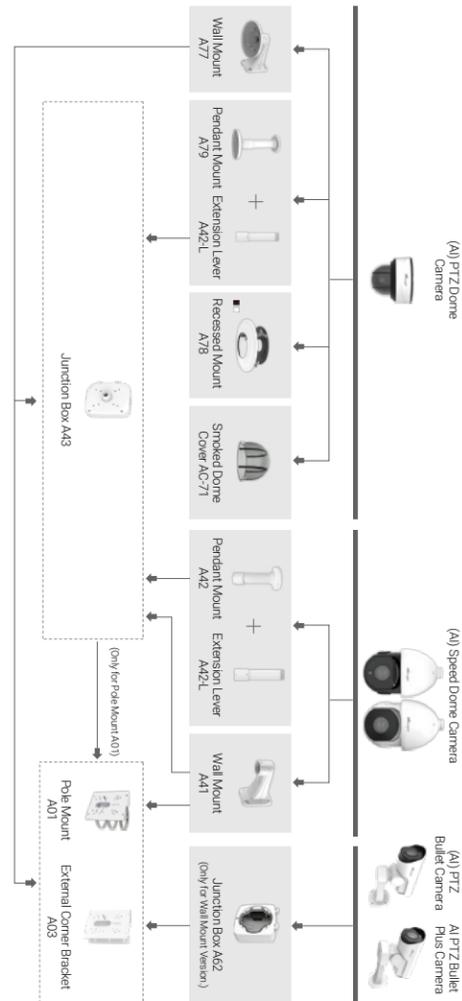- Support alarm video push notification

TOOLS

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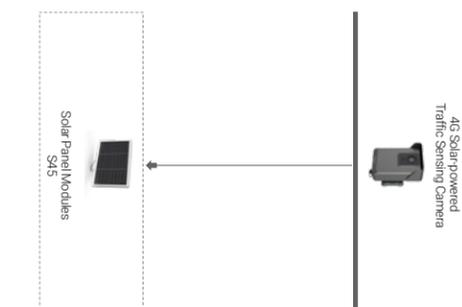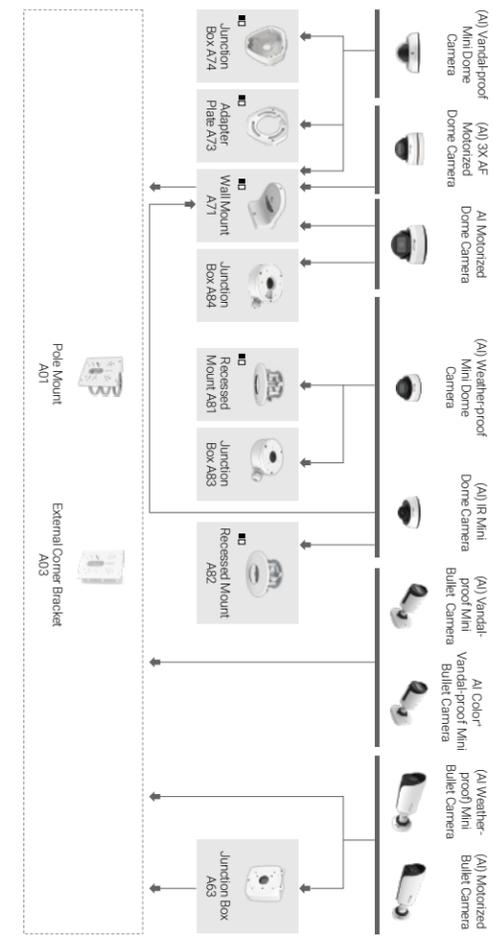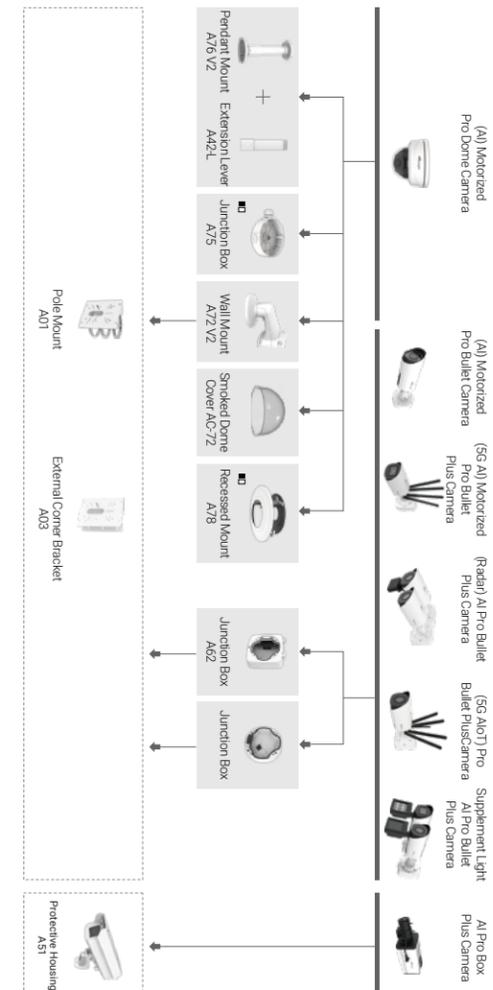- Fast, comprehensive and powerful calculation

ACCESSORIES MAP

V7.5

PANORAMIC SERIES

PTZ SERIES

SPECIAL ACCESSORIES

MINI SERIES

PRO SERIES