

2018

V6.1

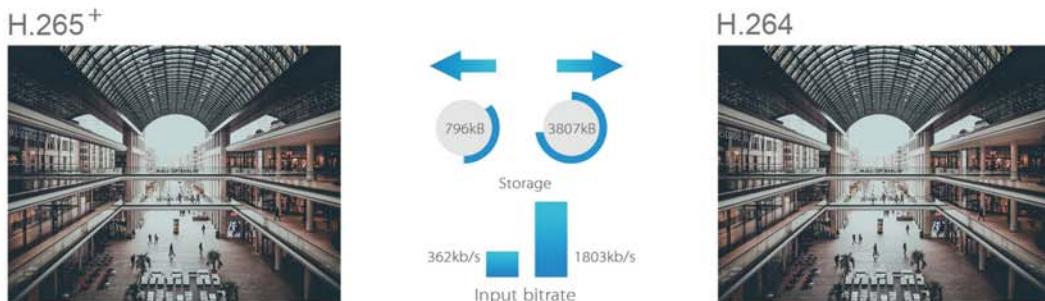


NETWORK VIDEO SURVEILLANCE PRODUCT BROCHURE

OnVIF Profile S | OnVIF Profile G

- H.265⁺

As the latest and the best video compression technology, H.265⁺ codec remarkably reduces the bandwidth and the data storage requirements for network cameras. Compared with H.264, Milesight H.265⁺ combines the technology of Bitrate Control and P-frames Control to cut down 70%~80% bandwidth while ensuring the high quality of images. It is adjustable for it has 10 levels, which allows users to set different bandwidth saving degrees under various circumstances. H.265⁺ tremendously minimizes the occupancy of bandwidth and maximizes the overall capability.



H.265⁺, the advanced video codec, saves 70%~80% bandwidth compared with H.264

- Ultra-high Definition (4K&12MP)

High definition offers good detail while ultra-high definition enables ultimate clarity image in which no detail will be missing. Sharper pixel, brighter color and much more details are what Milesight 4K and 12MP network camera series bring to users.



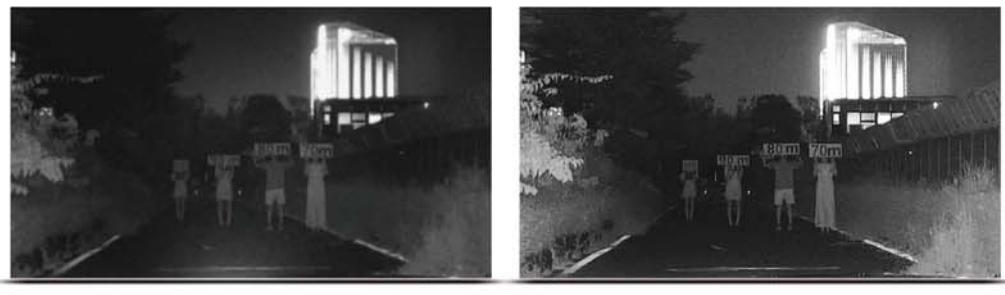
- Milesight VCA

Milesight Video Content Analysis (VCA) is an embedded application package for the whole Milesight Network Camera series which enhances the performance of Milesight cameras through 8 detection modes including region entrance, region exiting, advanced motion detection, tamper detection, line crossing, loitering, human detection and people counting.



• Smart IR II

The Milesight Smart IR II Technology has greatly satisfied different distance requirements and flexibly fitted various application scenarios. With the combination of the High Beam and Low Beam, the Smart IR II Technology allows the IR LEDs to reach the farther distance than before. The IR intensity is adjustable to fit different lighting conditions in various specific viewing angles, which would guarantee the image quality to avoid problem of overexposure and darkness.



Regular Image

Smart IR II

• Powerful Auto Back Focus

Equipped with Auto Back Focus Technology, Milesight box cameras are able to adjust the position of the image sensor for optimal focus to complete the last step of focusing by pressing only one button.



• IP67&IK10

The weather-proof and vandal-proof capacity are the solid foundation to guarantee the stable and reliable operation of the network camera. Applied in most models, the IP67-rated weather proofing and IK10-rated vandal proof which are the leading level of the industry protect the cameras against adverse impact to ensure the performance.



• Ultra Low-light Capability

The Milesight Starlight Premium Series can function in minimal light conditions reaching 0.002Lux(Color) or 0Lux(B/W), delivering clear videos in low illumination and near infrared light environments without any supplementary lighting.



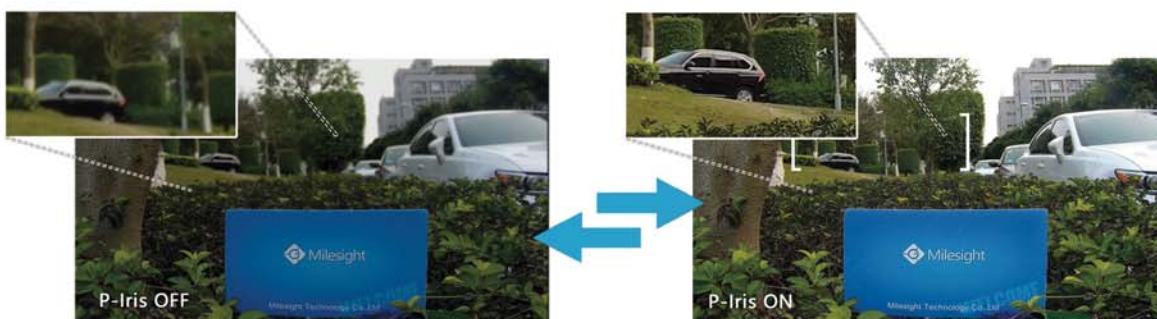
• 140dB Super WDR

Milesight's sensor-based WDR technology allows the camera to record finer scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.



• P-Iris

The Milesight network camera with P-iris control technology is able to precisely control the iris opening in all lighting conditions, offering images with better contrast, clarity, resolution and depth of field.



- **60fps**

The super high frame rate up to 60fps@1080p resolution, which doubles the number of frames offered by conventional HD network cameras. It enables Milesight camera to capture real-time and low-latency images of fast moving objects steady and clearly.



30fps@1080P



60fps@1080P



- **Smart PTZ Motion Detection**

This function enables the user to monitor specific area clearly and timely. When there is a motion that detected in a specified area, Milesight PTZ cameras will pan and tilt to the position automatically. Then zoom-in to provide a clear image for a duration of time. If the duration expires, the camera will resume to its previous monitoring position and zoom level.

- **SIP/VoIP**

Cameras with SIP can be integrated with VoIP systems to build more efficient and convenient security solutions such as receiving alarm push notifications and then checking the live view from network cameras via mobile applications, or watching what is happening in front of the network camera through VoIP telephony system.



• 4K Video Viewing Experience

Milesight 4K NVR series support up to 4K definition live-view, playback and recording, providing ultra-high definition viewing experience.



• Plug and Play



Independent PoE ports for easy connection and configuration of network cameras. The NVR will automatically detect, configure and play the live view of PoE network cameras once the cable is plugged.

• P2P

By scanning the QR code on NVR web-page, users can add equipment to mobile-phone and watch live-view in WAN by P2P on M-Sight Pro. It is a truly convenient way of monitoring for it is unnecessary to do port forwarding.



• Powerful Decoding and Recording Performance

Enabling synchronously decoding up to 16-CH 1080P network cameras and record up to 32-CH 5MP high resolution cameras to the maximum extent, Milesight NVRs are ideal for those applications requiring robust decoding and recording performance.



2/4/5 Megapixel H.265 IR Mini Dome Camera

H.265⁺ / ULTRA-MINI SIZE / SMART IR II / SUPER WDR / PoE

Features with the smallest and exquisite design, PoE functionality, 3-axis mechanical design and SIP/VoIP.



KEY FEATURES

- 0.002Lux Starlight
- Super WDR up to 140dB
- Support microSD/SDHC/SDXC card local storage
- Built-in Microphone
- Smart IR II Technology, IR distance up to 20m
- Support Video Content Analysis(Optional)

Model	MS-C2983-PB	MS-C4483-PB	MS-C5383-PB
Megapixel	2MP	4MP	5MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Lens	2.8mm/3.6mm/6mm@F1.6		
Field of View	H124°/D144°/V68°(2.8mm)	H114°/D134°/V66°(2.8mm)	H92°/D116°/V69°(2.8mm)
WDR	Super WDR up to 140dB		Super WDR up to 120dB
Frame Rate	30fps@(1920x1080) 30fps@(1280x960)	20fps@(2592x1520) 30fps@(2304x1296)	20fps@(2560x1920) 20fps@(2592x1520)
Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.008Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
Video Compression	H.265 ⁺ /H.265(HEVC)/H.264/H.264/MJPEG		
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x		
Dimensions / Weight	97.8mmX97.8mmX57.9mm/200g		

2/4/5 Megapixel H.265 Vandal-proof Mini Dome Camera

H.265⁺ / ULTRA-MINI SIZE / SMART IR / SUPER WDR / IP67 / IK10 / PoE

Features with the smallest and exquisite design, PoE functionality, IP67-rated housing and SIP/VoIP.



KEY FEATURES

- 0.002Lux Starlight
- Super WDR up to 140dB
- Support microSD/SDHC/SDXC card local storage
- Built-in Microphone
- Built-in efficient IR LEDs, IR distance up to 25m
- Support Video Content Analysis(Optional)

Model	MS-C2973-PB	MS-C4473-PB	MS-C5373-PB
Megapixel	2MP	4MP	5MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Lens	3.6mm/2.8mm @F1.6		
Field of View	H87°/D102°/V48°(3.6mm)	H80°/D94°/V46°(3.6mm)	H65°/D82°/V50°(3.6mm)
WDR	Super WDR up to 140dB		Super WDR up to 120dB
Frame Rate	30fps@(1920x1080) 30fps@(1280x960)	20fps@(2592x1520) 30fps@(2304x1296)	20fps@(2560x1920) 20fps@(2592x1520)
Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.008Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
Video Compression	H.265 ⁺ /H.265(HEVC)/H.264/H.264/MJPEG		
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x		
Dimensions / Weight	110.8mmX118.5mmX65mm/500g		

2/3/4/5 Megapixel H.265 Mini Bullet Camera

H.265⁺ / ULTRA-MINI SIZE / SMART IR / SUPER WDR / IP67 / PoE

Features with the exquisite design, built-in IR illuminators, IP67-rated housing, Super WDR, PoE functionality and SIP/VoIP.



IP67 VCA



KEY FEATURES

- 0.002Lux Starlight
- Super WDR up to 140dB
- Support microSD/SDHC/SDXC card local storage
- Built-in ICR Filter for Day/Night switching
- Built-in efficient IR LEDs, IR distance up to 30m
- Support Video Content Analysis(Optional)

Model	MS-C2963-(R)PB	MS-C3763-PB	MS-C4463-PB	MS-C5363-PB
Megapixel	2MP	3MP	4MP	5MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	
Lens		4mm/6mm @F1.6		
Field of View	H81°/D93°/V46°(4mm)	H75°/D94°/V57°(4mm)	H76°/D88°/V45°(4mm)	H62°/D77°/V48°(4mm)
WDR	Super WDR up to 140dB		Super WDR up to 120dB	
Frame Rate	30fps@(1920x1080) 30fps@(1280x960) 60fps@(1920x1080)(Optional)	30fps@(2048x1536) 30fps@(1920x1080)	20fps@(2592x1520) 30fps@(2304x1296)	20fps@(2560x1920) 20fps@(2592x1520)
Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 B/W: 0Lux with IR on	Color: 0.008Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
Video Compression		H.265/H.265(HEVC)/H.264 ⁺ /H.264/MJPEG		
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x			
Dimensions / Weight		Φ76mmX208mm/765g		

2/3/4/5 Megapixel H.265 Motorized Mini Bullet Camera

H.265⁺ / ULTRA-MINI SIZE / SMART IR / SUPER WDR / IP67 / PoE

Features with the exquisite design, built-in IR illuminators, IP67-rated housing, Super WDR, PoE functionality and SIP/VoIP.



IP67 VCA



KEY FEATURES

- 0.002Lux Starlight
- Super WDR up to 140dB
- Support microSD/SDHC/SDXC card local storage
- Built-in ICR Filter for Day/Night switching
- Built-in efficient IR LEDs, IR distance up to 45m
- Support Video Content Analysis(Optional)

Model	MS-C2963-(R)F(I)PB	MS-C3763-F(I)PB	MS-C4463-F(I)PB	MS-C5363-F(I)PB
Megapixel	2MP	3MP	4MP	5MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	
Lens		Motorized 2.8-12mm @F1.4 P-Iris(Optional)		
Field of View	H86°~H33°/D99°~D38° /V48°~V19°	H77°~H30°/D96°~D38° /V58°~V23°	H80°~H31°/D93°~D36° /V47°~V18°	H67°~H25°/D84°~D31° /V51°~V19°
WDR	Super WDR up to 140dB		Super WDR up to 120dB	
Frame Rate	30fps@(1920x1080) 30fps@(1280x960) 60fps@(1920x1080)(Optional)	30fps@(2048x1536) 30fps@(1920x1080)	20fps@(2592x1520) 30fps@(2304x1296)	20fps@(2560x1920) 20fps@(2592x1520)
Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 B/W: 0Lux with IR on	Color: 0.008Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
Video Compression		H.265/H.265(HEVC)/H.264 ⁺ /H.264/MJPEG		
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x			
Dimensions / Weight		Φ76mmX236mm/820g		

2/3/4/5 Megapixel H.265 Motorized Pro Dome Camera

H.265⁺ / IP67 / IK10 / REMOTE FOCUS&ZOOM / SMART IR II / SUPER WDR / PoE

Features with built-in IR illuminators, vandal-resistant housing, Motorized Lens, Super WDR, PoE functionality and SIP/VoIP.



KEY FEATURES

- 0.001Lux Starlight
- Super WDR up to 140dB
- Support microSD/SDHC/SDXC card local storage
- Mounting bracket with cable management
- Smart IR II Technology, IR distance up to 50m
- Support Video Content Analysis(Optional)

Model	MS-C2872-(R)F(I)PB	MS-C2972-(R)F(I)PB	MS-C3772-F(I)PB	MS-C4472-F(I)PB	MS-C5372-F(I)PB
Megapixel	2MP	2MP	3MP	4MP	5MP
Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Lens	Motorized 3.6~10mm @F1.4 P-Iris(Optional)		Motorized 3.0~10.5mm/2.8~12mm/7~22mm @F1.4 P-Iris(Optional)		
Field of View	H96°~H42°/D111°~D48°/V55°~V23°	H93°~H33°/D107°~D38°/V52°~V18°(3.0~10.5mm)	H84°~H30°/D105°~D37°/V63°~V22°(3.0~10.5mm)	H85°~H30°/D99°~D35°/V48°~V17°(3.0~10.5mm)	H72°~H24°/D90°~D31°/V55°~V18°(3.0~10.5mm)
WDR	Super WDR up to 140dB			Super WDR up to 120dB	
Frame Rate	30fps@(1920X1080) 30fps@(1280X960) 60fps@(1920X1080)(Optional)		30fps@(2048x1536) 30fps@(1920x1080)	20fps@(2592x1520) 30fps@(2304x1296)	20fps@(2560x1920) 20fps@(2592x1520)
Min. Illumination	Color: 0.001Lux@F1.2 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 B/W: 0Lux with IR on	Color: 0.008Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
Video Compression			H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264/MJPEG		
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x				
Dimensions / Weight			Φ143mmX107.4mm/1100g		

2/3/4/5 Megapixel H.265 Motorized Pro Bullet Camera

H.265⁺ / REMOTE FOCUS&ZOOM / SMART IR II / SUPER WDR / IP67 / PoE

Features with built-in IR illuminators, Super WDR, IP67-rated housing, PoE functionality and SIP/VoIP.



KEY FEATURES

- 0.001Lux Starlight
- Super WDR up to 140dB
- Support microSD/SDHC/SDXC card local storage
- Mounting bracket with cable management
- Smart IR II Technology, IR distance up to 60m/100m(Optional)
- Support Alarm I/O and Audio I/O
- Support Video Content Analysis(Optional)

Model	MS-C2862-(R)F(I)PB	MS-C2962-(R)F(I)PB	MS-C3762-F(I)PB	MS-C4462-F(I)PB	MS-C5362-F(I)PB
Megapixel	2MP	2MP	3MP	4MP	5MP
Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Lens	Motorized 3.6~10mm @F1.4 P-Iris(Optional)		Motorized 3.0~10.5mm/2.8~12mm/7~22mm @F1.4 P-Iris(Optional)		
Field of View	H96°~H42°/D111°~D48°/V55°~V23°	H93°~H33°/D107°~D38°/V52°~V18°(3.0~10.5mm)	H84°~H30°/D105°~D37°/V63°~V22°(3.0~10.5mm)	H85°~H30°/D99°~D35°/V48°~V17°(3.0~10.5mm)	H72°~H24°/D90°~D31°/V55°~V18°(3.0~10.5mm)
WDR	Super WDR up to 140dB			Super WDR up to 120dB	
Frame Rate	30fps@(1920X1080) 30fps@(1280X960) 60fps@(1920X1080)(Optional)		30fps@(2048x1536) 30fps@(1920x1080)	20fps@(2592x1520) 30fps@(2304x1296)	20fps@(2560x1920) 20fps@(2592x1520)
Min. Illumination	Color: 0.001Lux@F1.2 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 B/W: 0Lux with IR on	Color: 0.008Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
Video Compression			H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264/MJPEG		
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x				
Dimensions / Weight			Φ107mmX266mm/1080g		

2/4/5 Megapixel 12x H.265 AF Motorized Pro Bullet Camera

H.265⁺ / 12X OPTICAL ZOOM / AUTO FOCUS / SMART IR II / SUPER WDR / IP67 / PoE

Features with built-in IR illuminators, Super WDR, IP67-rated housing, PoE functionality and SIP/VoIP.

ONVIF


KEY FEATURES

- 0.002Lux Starlight
- Super WDR up to 140dB
- 12x Optical Zoom
- Support microSD/SDHC/SDXC card local storage
- Smart IR II Technology, IR distance up to 80m
- Support Alarm I/O and Audio I/O
- Support Video Content Analysis(Optional)

Model	MS-C2962-(R)EPB	MS-C4462-EPB	MS-C5362-EPB
Megapixel	2MP	4MP	5MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Lens	5.3~64mm@F1.6~F2.8, 12x Optical Zoom		
Field of View	H61°~H5°/D69°~D5°/ V36°~V2°	H57°~H4°/D65°~D5°/ V35°~V2°	H49°~H3°/D59°~D4°/ V38°~V2°
WDR	Super WDR up to 140dB		Super WDR up to 120dB
Frame Rate	30fps@(1920x1080) 30fps@(1280x960) 60fps@(1920x1080)(Optional)	20fps@(2592x1520) 30fps@(2304x1296)	20fps@(2560x1920) 20fps@(2592x1520)
Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.008Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
Video Compression	H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264/MJPEG		
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x		
Dimensions / Weight	Φ107mmX266mm/1080g		

2/3/4/5 Megapixel H.265 ABF Pro Box Camera

H.265⁺ / AUTO BACK FOCUS / SUPER WDR / PoE

Features with ABF function, Super WDR, PoE functionality and SIP/VoIP.

ONVIF


KEY FEATURES

- 0.001Lux Starlight
- Support Auto Back Focus
- Super WDR up to 140dB
- Support microSD/SDHC/SDXC card local storage
- Support Video Content Analysis(Optional)

Model	MS-C2851-(R)PB	MS-C2951-(R)EPB	MS-C3751-PB	MS-C4451-EPB	MS-C5351-EPB
Megapixel	2MP	2MP	3MP	4MP	5MP
Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
WDR	Super WDR up to 140dB			Super WDR up to 120dB	
Frame Rate	30fps@(1920X1080) 30fps@(1280X960) 60fps@(1920X1080)(Optional)		30fps@(2048x1536) 30fps@(1920x1080)	20fps@(2592x1520) 30fps@(2304x1296)	20fps@(2560x1920) 20fps@(2592x1520)
Min. Illumination	Color: 0.001Lux@F1.2 B/W: 0.0005Lux@F1.2	Color: 0.002Lux@F1.2 B/W: 0.001Lux@F1.2	Color: 0.005Lux@F1.2 B/W: 0.002Lux@F1.2	Color: 0.008Lux@F1.2 B/W: 0.004Lux@F1.2	Color: 0.006Lux@F1.2 B/W: 0.003Lux@F1.2
Video Compression	H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264/MJPEG				
Auto Back Focus	N/A	Support(Optional)	N/A	Support(Optional)	
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x				
Dimensions / Weight	Φ116mmX60mmX50mm/407g				

4K H.265 Motorized Pro Bullet Camera

H.265⁺ / 4K / REMOTE FOCUS&ZOOM / SMART IR II / SUPER WDR / IP67 / PoE

Features with 4K ultra-high resolution, build-in IR illuminators, Super WDR, IP67-rated housing, PoE functionality and SIP/VoIP.



KEY FEATURES

- 3840X2160 Ultra high definition
- Super WDR up to 120dB
- Support microSD/SDHC/SDXC card local storage
- Mounting bracket with cable management
- Smart IR II Technology, IR distance up to 60m
- Support Alarm I/O and Audio I/O

Model	MS-C8262-F(I)PB
Megapixel	4K(8MP)
Image Sensor	1/2.5" Progressive Scan CMOS
Lens	Motorized 4~12mm @F1.4 P-Iris(Optional)
Field of View	H84°~H38°/D95°~D43°/V49°~V21°
WDR	Super WDR up to 120dB
Frame Rate	30fps@(3840x2160) 30fps@(3072x2048)
Min. Illumination	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
Video Compression	H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264/MJPEG
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x
Dimensions / Weight	Φ107mmX266mm/1080g

12 Megapixel H.265 Fisheye Camera

H.265⁺ / 12MP / 360° PANORAMIC VIEW / 7 DISPLAY MODES / IP67 / IK09 / PoE

Features with 12MP ultra-high resolution, 360° panoramic viewing angle, build-in IR illuminators, vandal-resistant housing, PoE functionality and SIP/VoIP.



KEY FEATURES

- Ceiling mount, wall mount and table mount are available
- Support up to 25fps@4000x3000
- Equipped with Alarm In and Alarm Out
- Built-in Microphone and 1 Audio Out interface
- Support microSD/SDHC/SDXC card local storage
- Smart IR II Technology, IR distance up to 15m

Model	MS-C9674-PB
Megapixel	12MP
Image Sensor	1/1.7" Progressive Scan CMOS
Lens	1.98mm@F2.8
WDR	Super WDR up to 120dB
Frame Rate	Fisheye View: 25fps@(4000x3000), 30fps@(3000x3000), 30fps@(2560x2560), 30fps@(1920x1920), 30fps@(1280x1280)
Min. Illumination	Color: 0.01Lux@F1.2 B/W: 0Lux with IR on
Field of View	Ceiling Mount: 360°; Wall Mount: 180°; Table Mount: 360°
Video Compression	H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264/MJPEG
Display Mode	Fisheye View, 360° Panoramic View, 180° Panoramic View, 4PTZ, Fisheye + 3PTZ, Panoramic View+3PTZ, Fisheye + Panoramic View+ 3PTZ
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x
Dimensions / Weight	Φ140mmX45.4mm/1100g

2/4/5 Megapixel 12x H.265 Mini PoE PTZ Bullet Camera

H.265⁺ / 12X OPTICAL ZOOM / AUTO FOCUS / SMART IR II / SUPER WDR / IP66 / PoE

Features with built-in IR illuminators, White LED, Super WDR, IP66-rated housing, PoE functionality and SIP/VoIP.



KEY FEATURES

- 0.002Lux Starlight
- 12x Optical Zoom
- 255 Preset Positions and 8 Patrols
- Support PoE (802.3at)
- Smart PTZ Motion Detection
- Support microSD/SDHC/SDXC card local storage
- Smart IR II Technology, IR distance up to 100m
- Support Video Content Analysis(Optional)

Model	MS-C2961-EPB	MS-C4461-EPB	MS-C5361-EPB
Megapixel	2MP	4MP	5MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Lens		5.3~64mm @F1.6~F2.8, 12x Optical Zoom	
Field of View	H61°~H5°/D69°~D5°/V35°~V2°	H57°~H4°/D65°~D5°/V35°~V2°	H49°~H3°/D59°~D4°/V38°~V2°
WDR	Super WDR up to 140dB		Super WDR up to 120dB
Frame Rate	30fps@(1920x1080) 30fps@(1280x960)	20fps@(2592x1520) 30fps@(2304x1296)	20fps@(2560x1920) 20fps@(2592x1520)
Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.008Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
Pan Range / Tilt Range		360° endless/-45°~30°	
Manual Speed		0.2°~60°/s(H); 0.2°~30°/s(V)	
Video Compression		H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264/MJPEG	
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x		
Dimensions / Weight		291mmX95mmX207mm/2kg	

2/5 Megapixel H.265 PoE Speed Dome Camera

H.265⁺ / UP TO 30X OPTICAL ZOOM / AUTO FOCUS / SMART IR II / SUPER WDR / IP66 / PoE

Features with built-in IR illuminators, Super WDR, IP66-rated housing, PoE functionality and SIP/VoIP.



KEY FEATURES

- 0.002Lux Starlight
- 20x/23x/30x Optical Zoom
- 255 Preset Positions and 8 Patrols
- Smart PTZ Motion Detection
- Support microSD/SDHC/SDXC card local storage
- Smart IR II Technology, IR distance up to 200m
- Support Video Content Analysis(Optional)

Model	MS-C2942-(R)PB	MS-C5342-PB
Megapixel	2MP	5MP
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Lens	5~117mm @F1.5~3.5, 23x Optical Zoom/ 4.7~141mm @F1.5~4.0, 30x Optical Zoom/ 5.2~98mm @F1.5~3.0, 20x Optical Zoom(Optional)	
Field of View	H62°~H3°/D70°~D3°/V37°~V1°(4.7~141mm)	H49°~H2°/D60°~D2°/V38°~V1°(4.7~141mm)
WDR	Super WDR up to 140dB	Super WDR up to 120dB
Frame Rate	30fps@(1920x1080), 30fps@(1280x960) 60fps@(1920x1080)(Optional)	20fps@(2560x1920) 20fps@(2592x1520)
Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
Pan Range / Tilt Range	360° endless/0°~90°(Auto Flip)	
Manual Speed	0.5°~180°/s (H); 0.5°~120°/s(V)	
Video Compression	H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264/MJPEG	
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x	
PoE(802.3at)		Support (Optional)
Dimensions / Weight		Φ204.8mmX308mm/4kg

4K H.265 Mini NVR Series

AVAILABLE MODEL : MS-N1009-UT/MS-N1009-UNT

The best option for the entry level with small and exquisite design to bring both ease-of-use and reliability.



Gold Silvery Black

KEY FEATURES

- Easy to install
- Linux OS embedded for stability
- High profile H.265/H.264 decoding
- Up to 4K high resolution
- Support up to 4TB(2*2.5" HDD) or 10TB(1*3.5" HDD)
- Multiple user privileges
- Dual stream

	Model	MS-N1009-UT	MS-N1009-UNT
Video	Network Video Input		9-CH
	Bandwidth		Incoming: 90Mbps/Outgoing: 90Mbps
	Synchronous Recording		9x5MP
	Synchronous Playback	2x(30fps @8MP), 2x(30fps @6MP), 3x(20fps @5MP), 4x(20fps @4MP), 5x(30fps @3MP), 8x(30fps @1080P), 9x(30fps @720P)	
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF	
	Video Compression	H.265 ⁴ /H.265(HEVC)/H.264 ⁴ /H.264	
Storage	HDD	2*2.5" HDD, max 4TB with 2TB each	1*3.5" HDD, max 10TB
External Interfaces	Network Interface		1*RJ45 100M/1000M
	USB		2*USB 2.0
	Dimensions / Weight	80mm(W)x80mm(D)x120mm(H)/0.85kg	115mm(W)x115mm(D)x180mm(H)/1.1kg

4K H.265 Pro NVR 5000/7000/8000 Series

AVAILABLE MODEL : MS-N5016-UT/MS-N5032-UH/MS-N7016-UH/MS-N7032-UH/MS-N8032-UH/MS-N8064-UH
This series feature with concise panel design, considerable storage capacity, rich interfaces, embedded hardware architecture, robust network performance and 4K video quality.



KEY FEATURES

- Linux OS embedded for stability
- High profile H.265/H.264 decoding
- Up to 4K high resolution
- Support HDMI and VGA
- Up to 2/4/8 SATA interfaces, up to 10TB capacity for each SATA
- Multiple user privileges
- Friendly GUI for configuration

	Model	MS-N5016-UT	MS-N7016-UH	MS-N5032-UH	MS-N7032-UH	MS-N8032-UH	MS-N8064-UH
Video	Network Video Input		16-CH			32-CH	64-CH
	Bandwidth	Incoming: 160Mbps/Outgoing: 160Mbps		Incoming: 320Mbps /Outgoing: 256Mbps	Incoming: 320Mbps or 200Mbps (when RAID is enabled) /Outgoing: 256Mbps or 200Mbps (when RAID is enabled)		
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF				
	Video Output		1*HDMI & 1*VGA			2*HDMI & 2*VGA	
	Synchronous Playback	2x(30fps @8MP), 2x(30fps @6MP), 3x(20fps @5MP), 4x(20fps @4MP), 5x(30fps @3MP), 8x(30fps @1080P), 10x(30fps @720P)	4x(30fps @8MP), 5x(30fps @6MP), 6x(20fps @5MP), 8x(20fps @4MP), 10x(30fps @3MP), 16x(30fps @1080P), 16x(30fps @720P)		4x(30fps @8MP), 5x(30fps @6MP), 6x(20fps @5MP), 8x(20fps @4MP), 10x(30fps @3MP), 16x(30fps @1080P), 32x(30fps @720P), 64x(30fps @D1)(Only for MS-N8064-UH)		
	Video Compression		H.265 ⁴ /H.265(HEVC)/H.264 ⁴ /H.264				
Storage	HDD	2*SATA HDD(3.5")	4*SATA HDD(3.5")	2*SATA HDD(3.5")	4*SATA HDD(3.5")	8*SATA HDD(3.5")	
		Up to 10TB capacity for each HDD					
External Interfaces	Network Interface	1*RJ45 100M/1000M	2*RJ45 100M/1000M	1*RJ45 100M/1000M		2*RJ45 100M/1000M	
	USB		1*USB 3.0; 2*USB 2.0				
	Alarm Input / Output	4 Input/1 Output	16 Input/4 Output	-	16 Input/4 Output		
	Dimensions / Weight	440mm(W)x251mm(D)x44.4mm(H)/2.6kg	440mm(W)x320mm(D)x66.8mm(H)/4.1kg	440mm(W)x251mm(D)x44.4mm(H)/2.6kg	440mm(W)x320mm(D)x66.8mm(H)/4.1kg	440mm(W)x420mm(D)x88.2mm(H)/6.0kg	

4K H.265 PoE NVR 1000/5000/7000 Series

AVAILABLE MODEL: MS-N1009-UPT/MS-N5016-UPT/MS-N7032-UPH

Features with true plug-and-play, concise panel design, considerable storage capacity, rich interfaces, embedded hardware architecture, robust network performance, up to 4K video quality, mobile connection and high frame rate.



KEY FEATURES

- Support PoE interfaces for plug and play
- High profile H.265/H.264 decoding
- Up to 4K high resolution
- Support up to 32-CH network cameras
- Up to 1/2/4 SATA interfaces, up to 10TB capacity for each SATA
- Multiple user privileges
- Friendly GUI for configuration

	Model	MS-N1009-UPT	MS-N5016-UPT	MS-N7032-UHP
Video	Network Video Input	9-CH	16-CH	32-CH
	Bandwidth	Incoming: 90Mbps /Outgoing: 90Mbps	Incoming: 160Mbps /Outgoing: 160Mbps	Incoming: 320Mbps or 200Mbps (when RAID is enabled) /Outgoing: 256Mbps or 200Mbps (when RAID is enabled)
	Synchronous Recording	9x5MP	16x5MP	32x5MP
	Synchronous Playback	2x(30fps @8MP), 2x(30fps @6MP), 3x(20fps @5MP), 4x(20fps @4MP), 5x(30fps @3MP), 8x(30fps @1080P), 9x(30fps @720P)	2x(30fps @8MP), 2x(30fps @6MP), 3x(20fps @5MP), 4x(20fps @4MP), 5x(30fps @3MP), 8x(30fps @1080P), 16x(30fps @720P)	4x(30fps @8MP), 5x(30fps @6MP), 6x(20fps @5MP), 8x(20fps @4MP), 10x(30fps @3MP), 16x(30fps @1080P), 32x(30fps @720P)
	Video Compression	H.265 ⁺ /H.265(HEVC)/H.264 ⁺ /H.264		
Storage	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF		12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF
	HDD	1*SATA HDD(3.5")	2*SATA HDD(3.5")	4*SATA HDD(3.5")
Up to 10TB capacity for each HDD				
External Interfaces	Network Interface	1*RJ45 100M/1000M		
	PoE Interface	4*RJ45 10M/100M	8*RJ45 10M/100M	16*RJ45 10M/100M
	USB	2*USB 2.0	1*USB 3.0; 2*USB 2.0	1*USB 3.0; 2*USB 2.0
	Dimensions / Weight	115mm(W)X115mm(D)X180mm(H) /1.5kg	440mm(W)X251mm(D)X44.4mm(H) /3.5kg	440mm(W)X320mm(D)X66.8mm(H) /5kg

Milesight Network Keyboard

Features with 4-axis joystick, simple and intuitive control panel.



KEY FEATURES

- Support Network connection
- Support Milesight NVR and PTZ Camera
- Support 4-axis variable speed joystick
- Built-in Web Server
- Designed with a LCD screen on operation panel
- Shortcut keys for PTZ control and NVR control
- Shortcut keys for wiper and light control operation

Model	MS-K02
Control Mode	IP-based
LCD Screen	128X64 Blue Screen
Joystick	4-axis joystick
Network	IPv4, HTTP, TCP, MSSP
Network Interface	1*RJ45 100M/1000M
Serial Interface	1*RS-232/1*RS-485 (Reserved)
Power Supply	DC 12V 1A
Power Consumption	12W MAX
Dimensions	360mmx200mmx105mm
Weight	3kg

Milesight CMS

LIVE VIEW·RECORDING·ELECTRONIC MAP



KEY FEATURES

- A central management system for Milesight cameras and Milesight NVR
- User-friendly UI design
- Support alarm pop-up window
- Support multiple monitors
- Support 1/4/8/9/16/36/64 channels playing synchronously
- Support the custom live view layout
- Support alarm screen for displaying the alarm channel
- Support full screen for single or multiple channels
- Support H.265/H.264/MJPEG/MPEG-4 video compression
- Support dual stream
- Support PTZ control and digital zoom
- Support SD card and HDD recording files playback
- Support motion detection, alarm recording and image capture functions

Milesight M-Sight Pro APP

PTZ CONTROL·FILE MANAGEMENT·ALARM MESSAGE PUSH NOTIFICATION



KEY FEATURES

- Support simultaneously managing network camera and Milesight NVR
- Support customized stream parameters
- Support scanning QR code to get a remote view via P2P
- Support alarm video push notification
- Support 1/4/9/16 screen layouts for up to 64 channels displaying
- Support 1/4 screen layouts for up to 4 channels playback
- Support to playback with SD card files and HDD files
- Support image capture/video recording functions
- File management
- H.265/H.264/MJPEG/MPEG-4 video compression
- Support dual stream
- Support iOS and Android handheld device
- Support WIFI/3G/4G network

Milesight Network Cameras Accessories

Neat & Integrated design, easy & robust installation
Facilitate your network video installation in different environments

A01 Pole Mount

Weight: 720g
Dimension: 170*51.5*152.6mm
Installation Environment: For strapping cameras on poles between 102-127mm(4.1-5 inches) in diameter
Applicable Model:
Mini Dome, IR Mini Dome, Vandal-proof Mini Dome
Mini Bullet, Motorized Mini Bullet, A71, A72



A02 Corner Bracket

Weight: 540g
Dimension: 170*23.2*205.3mm
Installation Environment: For mounting cameras on an internal corner
Applicable Model:
Mini Dome, IR Mini Dome, Vandal-proof Mini Dome
Mini Bullet, Motorized Mini Bullet, Pro Bullet, Pro Dome, A71, A72



A51 Protective Housing

Weight: 1988g
Dimension: 380*150*H mm(H is adjustable)
Installation Environment: Robust housing to defend cameras from being damaged in all challenging environments
Applicable Model:
Pro Box



A63 Junction Box

Weight: 620g
Dimension: 134*127*40mm
Installation Environment: For the containing of electrical connections which need to be concealed from sight and deter tampering
Applicable Model:
Mini Bullet, Motorized Mini Bullet



A72 Wall Mount

Weight: 350g
Dimension: 106*140*214mm
Installation Environment: For wall or parapet installations
Applicable Model:
Pro Dome



A74 Junction Box

Weight: 60g
Dimension: 121.5*116.5*37.2mm
Installation Environment: For the containing of electrical connections which need to be concealed from sight and deter tampering
Applicable Model:
Vandal-proof Mini Dome



A75 Junction Box

Weight: 200g
Dimension: 155.5*167*33.5mm
Installation Environment: For the containing of electrical connections which need to be concealed from sight and deter tampering
Applicable Model:
Fisheye Camera



A01-N Pole Mount

Weight: 730g
Dimension: 170*51.5*152.6mm
Installation Environment: For strapping cameras on poles between 102-127mm(4.1-5 inches) in diameter
Applicable Model:
Mini Bullet, Motorized Mini Bullet, Pro Bullet, Pro Dome, Mini PTZ Bullet, Speed Dome, A62, A63, A72



A03 Corner Bracket

Weight: 900g
Dimension: 170*152.6*76.3mm
Installation Environment: For mounting cameras on an external corner
Applicable Model:
Mini Dome, IR Mini Dome, Vandal-proof Mini Dome
Mini Bullet, Motorized Mini Bullet, Pro Bullet, Pro Dome, A71, A72



A62 Junction Box

Weight: 510g
Dimension: 134*127*40mm
Installation Environment: For the containing of electrical connections which need to be concealed from sight and preventing from being tampered.
Applicable Model:
Pro Bullet, Mini PTZ Bullet



A71 Wall Mount

Weight: 531g
Dimension: 162*124*78mm
Installation Environment: Used to install cameras on an wall or vertical structure
Applicable Model:
Mini Dome, IR Mini Dome, Vandal-proof Mini Dome



A73 Adapter Plate

Weight: 28g
Dimension: 115*122.5*10mm
Installation Environment: For the installation that cable need to be routed through the side outlet
Applicable Model:
Vandal-proof Mini Dome



AC-72 Smoked Dome Cover

Installation Environment: For concealing where a camera is pointed
Applicable Model:
Pro Dome

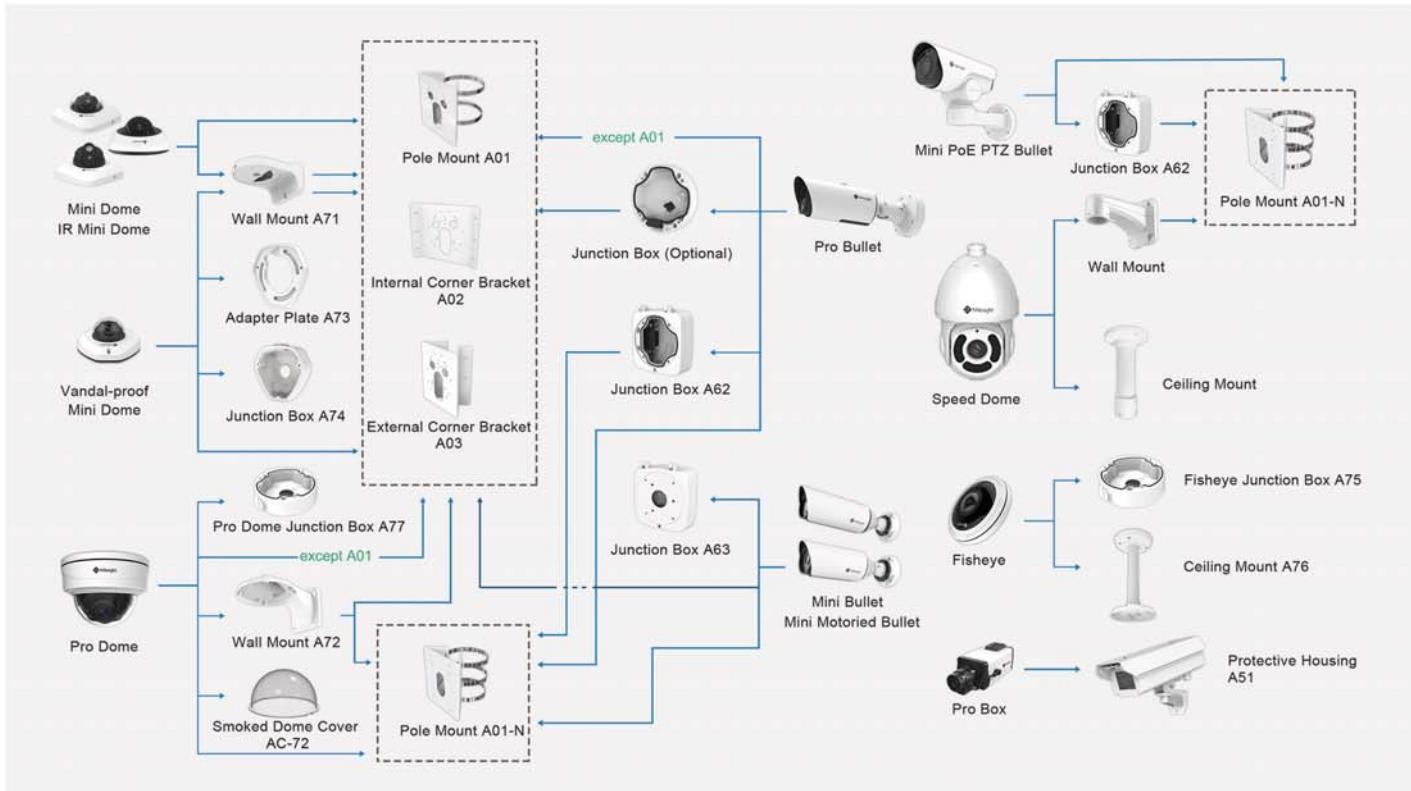


A76 Pendant Mount

Weight: 620g
Dimension: 136*L (L is customizable, 300mm by default)
Installation Environment: Used to install cameras on an ceiling or vertical structure
Applicable Model:
Fisheye Camera



Accessories Map



Naming Convention

Network Camera

(Model): MS-C2962-(R)F(I)PB --- 2MP H.265 Remote Focus&Zoom Pro Bullet Camera

MS-C	2	9	62	R	F	I	PB
2 - 2MP	2 - IMX274	42 - Speed Dome					
3 - 3MP	3 - IMX326	51 - Pro Box					
4 - 4MP	4 - OV4689	63 - Mini Bullet					
5 - 5MP	6 - IMX226	62 - Pro Bullet					
8 - 4K	7 - IMX123	61 - Mini PTZ Bullet					
9 - 12MP	8 - IMX385	73 - Vandal-proof					
	9 - IMX290 /307/327	Mini Dome					
		72 - Pro Dome					
		74 - Fisheye					
		83 - IR Mini Dome					
		81 - Mini Dome					

R - High Frame Rate
 F - Motorized Vari-focal Lens
 I - P-Iris Supported
 E - Enterprise Edition
 P - PoE Supported
 B - H.265 Compression
 Note: In a sequence from top to bottom

Network Video Recorder

(Model): MS-N7032-UPH --- 32-channel 4K H.265 PoE NVR

MS-N	7	032	U	P	H
1 - 2*HDD(2.5") or 1*HDD(3.5")	009 - 9-CH		U - 4K	P - PoE	T/H - H.265 Compression
5 - 2*HDD(3.5")	016 - 16-CH				
7 - 4*HDD(3.5")	032 - 32-CH				
8 - 8*HDD(3.5")	064 - 64-CH				