

▪ Better Inside, More in Sight ▪

MILESIGHT AI PRODUCT COMPARISON GUIDE

▪ Multi-Megapixel Network Camera · NVR · VMS



V3.2



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■ **BETTER INSIDE, MORE IN SIGHT** ■



About Milesight

Milesight is a fast-growing high-tech company delivering smart IoT and video surveillance products with a focus on IoT technologies, including Artificial Intelligence, 5G and LoRaWAN®, since 2011. With improved sensing capability and advanced IoT insights, we help customers worldwide optimize their business operation in a more efficient and sustainable way. In collaboration with a global network of distributors and system integrators, we are committed to building open ecosystems and accelerating IoT strategies to the next level.

Milesight Security provides AIoT video surveillance products including Network Camera, NVR, and Software, deep diving into extensive applications with AI deep learning in Intelligent Traffic, Video Management Platform, and 5G AIoT Solution in a safer and smarter way.

Quality

Outstanding product quality and unique design

Support

Timely, efficient and diverse support

Innovation

Independent R&D team guarantees innovative technologies

Timeline

2011-2014

- Started independent R&D
- Launched the first generation product
- Kept diversifying the product portfolio & functions
- Upgrade of hardware & software
- Took advantage of zoom technology
- Stood out as Milesight self-style

2016

- Realized H.265 IP surveillance total solution
- Deeper third party integration

2017

- Continual accumulation of advanced technology
- Debut of the unrivaled PTZ Bullet Camera

2015

- Introduced H.265⁺ & Starlight & WDR integrated model
- Unveiled the first-of-its-kind 4K Mini NVR

2018

- Upgrading and expansion of existing product line
- Launched high performance LPR Series

2019

- Launched 180° Panoramic Mini Bullet Camera
- New technologies: Auto Tracking, Advanced Heat Map and High-quality Deblur...
- Constantly adding value to the product

2020

- Enhanced product & technique competitiveness
- Adopted new-generation high performance chip
- Unveiled AI product series with deep learning technology

2021

- Released AI ANPR solution & Pro Bullet Plus (with 3D Radar Module)
- Exploring the potential of AIoT solution
- Launched Milesight VMS Enterprise



Naming Convention

Network Camera

[Model]: MS-C2966-R(T)F(I)PC --- AI Motorized Pro Bullet Plus Camera

MS-C	2	9	66-	R	F	I	PC
	Resolution	Sensor	Camera Type	Advanced Features			
	2 - 2MP	1 - 4K	41 - Speed Dome Camera	T - High Frame Rate (90fps/100fps)			
	5 - 5MP	2 - 4K (1/1.8")	52 - Pro Box Plus Camera	R - High Frame Rate (60fps)			
	8 - 4K	3 - 5MP	67 - PTZ Bullet Plus Camera	S - 20fps@4K Series			
	9 - 12MP	6 - 12MP	66 - Pro Bullet Plus Camera	X - Magnification of the lens			
		8 - 2MP (1/2")	65 - 180° Panoramic Mini Bullet Camera	e.g.: X42 - 42X AF lens			
		9 - 2MP	64 - Vandal-proof Mini Bullet Camera	E - Enterprise Edition			
			63 - Weather-proof Mini Bullet Camera	F - Motorized Vari-focal Lens			
			62 - Pro Bullet Camera	I - P-Iris Supported			
			61 - PTZ Bullet Camera	U - Full-color Supported			
			76 - 180° Panoramic Mini Dome Camera	V - Radar Supported			
			75 - Weather-proof Mini Dome Camera	W - Supplement Light Supported			
			74 - Fisheye Camera	G - 5G Supported			
			73 - Vandal-proof Mini Dome Camera	O - IoT Supported			
			72 - Pro Dome Camera	P - PoE Supported			
			71 - PTZ Dome Camera	A/C/D - AI Platform			
			83 - IR Mini Dome Camera				

Note: In a sequence from top to bottom

Intelligent Traffic Camera

[Model]: MS-C2972-RFLPC --- Entrance & Exit AI LPR Pro Dome Camera
TS2866-X4TPC --- AI Road Traffic Pro Bullet Plus Camera
PMC8266-FPC --- AI Outdoor Parking Management Pro Bullet Plus Camera

TS	2	8	66-	X4	T	PC
Series	Resolution	Sensor	Camera Type	Advanced Features		
TS - Traffic Sensing (Camera)	2 - 2MP	2 - 4K (1/1.8")	41 - Speed Dome Camera	T - High Frame Rate (100fps)		
PMC - Parking Management Camera	8 - 4K	8 - 2MP (1/2")	67 - PTZ Bullet Plus Camera	R - High Frame Rate (60fps)		
MS-C - Entrance & Exit Camera		9 - 2MP	66 - Pro Bullet Plus Camera	X - Magnification of the lens		
			64 - Vandal-proof Mini Bullet Camera	e.g.: 36X AF lens		
			61 - PTZ Bullet Camera	F - Motorized Vari-focal Lens		
			72 - Pro Dome Camera	L - LPR Supported		
				V - Radar Supported		
				W - Supplement Light Supported		
				C - AI Platform		

Note: The naming rule of "L" is only for the Entrance & Exit management models. Whether other models support LPR function depends on the application scenes and specific functions.

[Model]: SC211-NA --- 4G Solar-powered Traffic Sensing Camera

SC	2	1	1-	NA
Series	Major Application Scenarios	Core Technology	Camera Type	4G Module Supported Region
Sensing Camera	2 - Intelligent Traffic	1 - Frame-based AI	(2_)1 - 4G Solar-powered Traffic Sensing Camera	NA - North America EU - Europe, the Middle East and Africa AU - Latin America, Australia and New Zealand

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") 5 - 2*HDD(3.5") 7 - 4*HDD(3.5") 8 - 8*HDD(3.5")	004 - 4-CH 008 - 8-CH 009 - 9-CH 016 - 16-CH 048 - 48-CH 032 - 32-CH 064 - 64-CH	U - 4K	P - PoE	C/E/H - H.265 Compression

Milesight PoE Switch

[Model]: MS-S0224-GL --- Milesight 4-port PoE Switch

MS-S	02	24-	G	L
	02 - 2*Uplink Ports 04 - 4*Uplink Ports	04 - 4*PoE Ports 08 - 8*PoE Ports 16 - 16*PoE Ports 24 - 24*PoE Ports	E - 10/100Mbps Uplink Port G - Gigabit Uplink Port	F - Optical Fiber Port (SFP) L - Extend Mode

AI NETWORK CAMERA



AI Network Camera ▼

Color+ Camera Series— 07

5G Camera Series— 08

Mini Camera Series— 11

Pro Camera Series— 18

PTZ Camera Series— 24

Panoramic Camera Series— 31

Intelligent Traffic Camera Series— 33

IoT Device— 43

NVR ◀

PoE Switch ◀

Software ◀



AI Color+ Series

- AI Deep Learning
- Full-color Image Performance
- F1.0 Super Aperture
- 0.001Lux Starlight
- 120dB Super WDR
- 30m Illumination Distance
- 4K Resolution
- Point-contact Power Supply
- 3-Axis Mechanical Design

COLOR+

07

AI COLOR+ CAMERA SERIES

		AI Color+ Vandal-proof Mini Bullet Camera		
	Model	MS-C2964-(R)UPD(2MP)	MS-C5364-UPD(5MP)	MS-C8164-UPD(4K)
Camera	Appearance			
	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.001Lux@F1.0 0Lux with White LED on	Color: 0.002Lux@F1.0 0Lux with White LED on	Color: 0.005Lux@F1.0 0Lux with White LED on
	WDR	120dB Super WDR		
	Lens	2.8mm/4mm@F1.0		
	Field of View	H109°/D125°/V61°(2.8mm) H87°/D100°/V49°(4mm)	H104°/D129°/V78°(2.8mm) H81°/D100°/V61°(4mm)	H108°/D125°/V60°(2.8mm) H87°/D101°/V49°(4mm)
	Shutter Time	1/100000s~1s		
	Illumination Distance	Up to 30m		
Video	S/N	>55dB		
	Max. Image Resolution	30fps@(1920x1080) 60fps@(1920x1080)(Optional for R Series)	30fps@(2592x1944)	30fps@(3840x2160)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG		
Network	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Ethernet	1*RJ45 10M/100M Ethernet Port		
Intelligent Analytics	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL		
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed		
System	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G		
	Advanced Function	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur		
	Event Trigger	Motion Detection, Network Disconnection, etc.		
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.		
General	Working Temperature/ Humidity	-40°C~60°C/0~90%(Non-condensing)		
	Power Supply	PoE (802.3af)		
	Housing	IP67/IK10		
	Dimensions/Weight	97mmX74mmX180mm/610g(Junction Box Version); 64mmX64mmX160mm/450g(Cable Out Version)		

AI 5G Series

- Embedded 5G Technology
- Built-in Network Server
- Integrate Data from IoT Sensors
- 8-CH Data Transmitting Simultaneously
- Support Standard LoRaWAN® Protocol
- 4K Video Viewing Experience
- 1/1.8" Starlight Sensor
- 3 in 1 Super WDR Pro - 140dB
- Up to 180m IR Distance
- Versatile Interfaces
- Easy Deployment and Compact Structure
- Advanced Heat Map

AI 5G CAMERA SERIES

		5G AI 4X/12X Pro Bullet Plus Camera	
	Model	MS-C2966-X12R(T)GPC(2MP)	MS-C8266-X4GPC(4K)
Camera	Appearance		
	Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.009Lux@F1.6 B/W: 0Lux with IR on
	WDR	140dB Super WDR (Super WDR Pro is optional for T Series)	120dB Super WDR
	Lens	5.3~64mm@F1.6~F2.8, 12X Optical Zoom	8~32mm@F1.6~F1.7, 4X Optical Zoom
	Field of View	H61°~H5°/D69°~D5°/V36°~V2°	H44°~H13°/D51°~D15°/V25°~V7°
	IR Distance	Up to 180m	
Video	Max. Image Resolution	60fps@(1920x1080) 100fps@(1920x1080)(Optional for T Series)	30fps@(3840x2160)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
Mobile Communication Parameter	Wireless Communication		Support 5G/4G/3G
	Frequency Bands	5G NR	n1/n2/n3/n5/n7/n8/n12/n20/n28/n41/n66/n71/n77/n78/n79
		LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19/B20/B21(TBD)/B25/B26/B28/B29/B30/B32/B66/B71
	Wireless Transmission Speed	SA	DL 3.3Gbps; UL 250Mbps
		NSA	DL 3.4Gbps; UL 200Mbps
Network	SIM Card	Nano SIM	
	Ethernet	1*RJ45 10M/100M Ethernet Port	
Audio	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
	Audio Compression	G.711/AAC/G.722/G.726	
System	Storage	NAS(Support NFS, SMB/CIFS), ANR; Support microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	Heat Map, Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)	
	Power Supply	PoE (802.3at) / DC 12V±10%	
	Housing	IP67(Only for camera body)	
	Dimensions/Weight	320mmX134mmX126mm/1608g 320mmX134mmX292mm (With Antennas)/1608g	

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ACCESSORIES

SOFTWARE

PoE SWITCH

NVR SERIES

PoE NVR SERIES

TRAFFIC SERIES

PANORAMIC SERIES

PTZ SERIES

PRO SERIES

MINI SERIES

5G SERIES

COLOR+ SERIES

		5G AIoT 4X/12X Pro Bullet Plus Camera		AIoT 12X Pro Bullet Plus Camera
	Model	MS-C2966-X12R(T)GOPC(2MP)	MS-C8266-X4GOPC(4K)	MS-C2966-X12R(T)OPC(2MP)
Camera	Appearance			
	Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.009Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on
	WDR	140dB Super WDR (Super WDR Pro is optional for T Series)	120dB Super WDR	140dB Super WDR (Super WDR Pro is optional for T Series)
	Lens	5.3~64mm@F1.6~F2.8, 12X Optical Zoom	8~32mm@F1.6~F1.7, 4X Optical Zoom	5.3~64mm@F1.6~F2.8, 12X Optical Zoom
	Field of View	H61°~H5°/D69°~D5°/V36°~V2°	H44°~H13°/D51°~D15°/V25°~V7°	H61°~H5°/D69°~D5°/V36°~V2°
	IR Distance	Up to 180m		
Video	Max. Image Resolution	60fps@(1920x1080) 100fps@(1920x1080)(Optional for T Series)	30fps@(3840x2160)	60fps@(1920x1080) 100fps@(1920x1080)(Optional for T Series)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG		
Mobile Communication Parameter	Wireless Communication		Support 5G/4G/3G	-
	Frequency Bands	5G NR	n1/n2/n3/n5/n7/n8/n12/n20/n28/n41/n66/n71/n77/n78/n79	-
		LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19/B20/B21 (TBD)/ B25/B26/B28/B29/B30/B32/B66/B71	-
	Wireless Transmission Speed	SA	DL 3.3Gbps; UL 250Mbps	-
		NSA	DL 3.4Gbps; UL 200Mbps	-
	SIM Card		Nano SIM	-
LoRaWAN®	Channel		8 channels simultaneously	
	Frequency Band		CN470/IN865/EU868/RU864/US915/AU915/KR920/AS923/AS923-2	
	Sensitivity		-140dBm Sensitivity @292bps	
	Protocol		V1.0 Class A/Class B/Class C and V1.0.2 Class A/Class B/Class C	
	Communication Range		Up to 15km	
Network	Ethernet		1*RJ45 10M/100M Ethernet Port	
	Protocol		IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression		G.711/AAC/G.722/G.726	
System	Storage		NAS(Support NFS, SMB/CIFS), ANR; Support microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function		Heat Map, Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
	Event Trigger		IoT Sensor Alarm, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Event Action		FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
General	Working Temperature/Humidity		-40°C~60°C/0~90%(Non-condensing)	
	Power Supply		PoE (802.3at) / DC 12V±10%	
	Housing		IP67(Only for camera body)	
	Dimensions/Weight		320mmX134mmX126mm/1636g 320mmX134mmX292mm (With Antennas)/1636g	320mmX134mmX126mm/1521g 320mmX134mmX208mm (With Antennas)/1521g

		5G AI Motorized Pro Bullet Plus Camera		
	Model	MS-C2966-RF(I)GPC(2MP)	MS-C5366-F(I)GPC(5MP)	MS-C8266-F(I)GPC(4K)
Camera	Appearance			
	Image Sensor	1/2.8" Progressive Scan CMOS		1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.008Lux@F1.4 B/W: 0Lux with IR on	Color: 0.009Lux@F1.4 B/W: 0Lux with IR on
	WDR	140dB Super WDR	120dB Super WDR	
	Lens	Motorized 2.7~13.5mm/7~22mm@F1.4 P-Iris(Optional)		Motorized 3.6~10mm@F1.4 P-Iris(Optional)
	Field of View	H113°~H33°/D130°~D38°/V60°~V18° (2.7~13.5mm) H45°~H17°/D53°~D20°/V25°~V9° (7~22mm)	H113°~H33°/D138°~D42°/V83°~V25° (2.7~13.5mm) H42°~H16°/D53°~D20°/V32°~V12° (7~22mm)	H116°~H48°/D134°~D55°/V65°~V27°
	IR Distance	Up to 65m(2.7~13.5mm) Up to 100m(7~22mm)		Up to 65m
Video	Max. Image Resolution	60fps@(1920x1080)	30fps@(2592x1944)	30fps@(3840x2160)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG		
Mobile Communication Parameter	Wireless Communication		Support 5G/4G/3G	
	Frequency Bands	5G NR	n1/n2/n3/n5/n7/n8/n12/n20/n28/n41/n66/n71/n77/n78/n79	
		LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19/B20/B21 (TBD)/ B25/B26/B28/B29/B30/B32/B66/B71	
	Wireless Transmission Speed	SA	DL 3.3Gbps; UL 250Mbps	
		NSA	DL 3.4Gbps; UL 200Mbps	
	SIM Card		Nano SIM	
Network	Ethernet		1*RJ45 10M/100M Ethernet Port	
	Protocol		IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression		G.711/AAC/G.722/G.726	
System	Storage		NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function		Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
	Event Trigger		Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Event Action		FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
General	Working Temperature /Humidity		-40°C~60°C/0~90%(Non-condensing)	
	Power Supply		PoE (802.3af) / DC 12V±10%	
	Housing		IP67(Only for camera body)	
	Dimensions/Weight		320mmX134mmX126mm/1650g 320mmX134mmX208mm (With Antennas)/1650g	



AI

NDA

AI Mini Series

- Ultra Mini Size
- 2MP@60fps, 5MP@30fps, 4K@30fps
- IP67 & IK10
- 0.005Lux Starlight
 - 140dB Super WDR
- Smart IR II Technology
- AI Video Analytics
 - People Counting
 - Face Detection
- Advanced Heat Map
- 3-Axis Mechanical Design

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AI MINI CAMERA SERIES

		AI IR Mini Dome Camera						
Camera	Model	MS-C2983-RPC(2MP)	MS-C2983-(R)PD(2MP)	MS-C5383-PD(5MP)	MS-C8183-PD(4K)			
	Appearance							
	Image Sensor	1/2.8" Progressive Scan CMOS						
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on		Color: 0.008Lux@F1.6 B/W: 0Lux with IR on	Color: 0.012Lux@F1.6 B/W: 0Lux with IR on			
	WDR	140dB Super WDR	120dB Super WDR					
	Field of View	H111°/D128°/V61°(2.8mm)		H105°/D131°/V78°(2.8mm)	H110°/D126°/V60°(2.8mm)			
	Shutter Time	1/100000s~1s						
	IR Distance	Up to 20m						
	Day/Night Mode	Day/Night/Auto/Customize/Schedule						
	S/N	>55dB						
Video	Max. Image Resolution	60fps@(1920x1080)	30fps@(1920x1080) 60fps@(1920x1080)(Optional for R Series)	30fps@(2592x1944)	30fps@(3840x2160)			
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG						
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)						
Network	Ethernet	1*RJ45 10M/100M Ethernet Port						
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	IPv4/IPv6, ARP, TCP, UDP, RTP, RTSP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL					
Audio	Audio Compression	G.711/AAC/G.722/G.726						
	Audio Interface	Built-in Microphone						
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed						
System	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G						
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur					
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, etc.						
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.						
	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)						
General	Power Supply	PoE (802.3af)						
	Housing	N/A						
	Dimensions/Weight	Φ97.8mmX57.9mm/200g						

AI MINI CAMERA SERIES

		AI Vandal-proof Mini Dome Camera						
Camera	Model	MS-C2973-RPC(2MP)	MS-C2973-(R)PD(2MP)	MS-C5373-PD(5MP)	MS-C8173-PD(4K)			
	Appearance							
	Image Sensor	1/2.8" Progressive Scan CMOS						
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on		Color: 0.008Lux@F1.6 B/W: 0Lux with IR on	Color: 0.012Lux@F1.6 B/W: 0Lux with IR on			
	WDR	140dB Super WDR	120dB Super WDR					
	Lens	2.8mm/4mm/6mm@F1.6						
	Field of View	H111°/D128°/V61°(2.8mm)		H105°/D131°/V78°(2.8mm)	H110°/D126°/V60°(2.8mm)			
	Shutter Time	1/100000s~1s						
	IR Distance	Up to 30m						
	S/N	>55dB						
Video	Max. Image Resolution	60fps@(1920x1080)	30fps@(1920x1080) 60fps@(1920x1080)(Optional for R Series)	30fps@(2592x1944)	30fps@(3840x2160)			
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG						
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)						
Network	Ethernet	1*RJ45 10M/100M Ethernet Port						
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	IPv4/IPv6, ARP, TCP, UDP, RTP, RTSP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL					
Audio	Audio Compression	G.711/AAC/G.722/G.726						
	Audio I/O	Built-in Microphone; 1/1 (Multi-interface Version)						
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed						
System	Alarm I/O	1/1 (Multi-interface Version)						
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G						
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur					
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, etc.; Motion Detection, Network Disconnection, External Input, Audio Alarm, etc. (Multi-interface Version)						
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.; FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc. (Multi-interface Version)						
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)						
	Power Supply	PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)						
	Housing	IP67/IK10						
	Dimensions/Weight	118.5mmX110.8mmX65mm/500g						

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ACCESSORIES

SOFTWARE

PoE SWITCH

NVR SERIES

PoE NVR SERIES

TRAFFIC SERIES

PANORAMIC SERIES

PTZ SERIES

PRO SERIES

MINI SERIES

5G SERIES

COLOR+ SERIES

		AI Weather-proof Mini Dome Camera			
	Model	MS-C2975-RPC(2MP)	MS-C2975-(R)PD(2MP)	MS-C5375-PD(5MP)	MS-C8175-PD(4K)
Camera	Appearance				
	Image Sensor	1/2.8" Progressive Scan CMOS			
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on		Color: 0.008Lux@F1.6 B/W: 0Lux with IR on	Color: 0.012Lux@F1.6 B/W: 0Lux with IR on
	WDR	140dB Super WDR	120dB Super WDR		
	Lens	2.8mm/4mm/6mm@F1.6			
	Field of View	H111°/D128°/V61°(2.8mm)		H105°/D131°/V78°(2.8mm)	H110°/D126°/V60°(2.8mm)
	Shutter Time	1/100000s~1s			
	IR Distance	Up to 25m			
	S/N	>55dB			
	Max. Image Resolution	60fps@(1920x1080)	30fps@(1920x1080) 60fps@(1920x1080)(Optional for R Series)	30fps@(2592x1944)	30fps@(3840x2160)
Video	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG			
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)			
Network	Ethernet	1*RJ45 10M/100M Ethernet Port			
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL		
Audio	Audio Compression	G.711/AAC/G.722/G.726			
	Audio Interface	Built-in Microphone			
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed			
	Face Detection	-			
	People Counting&Report	-			
System	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G			
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur		
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, etc.			
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.			
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)			
	Power Supply	PoE (802.3af)			
	Housing	IP67/IK10			
	Dimensions/Weight	Φ108mmX96.5mm/600g (Junction Box Version); Φ106mmX76.5mm/410g (Cable Out Version)			

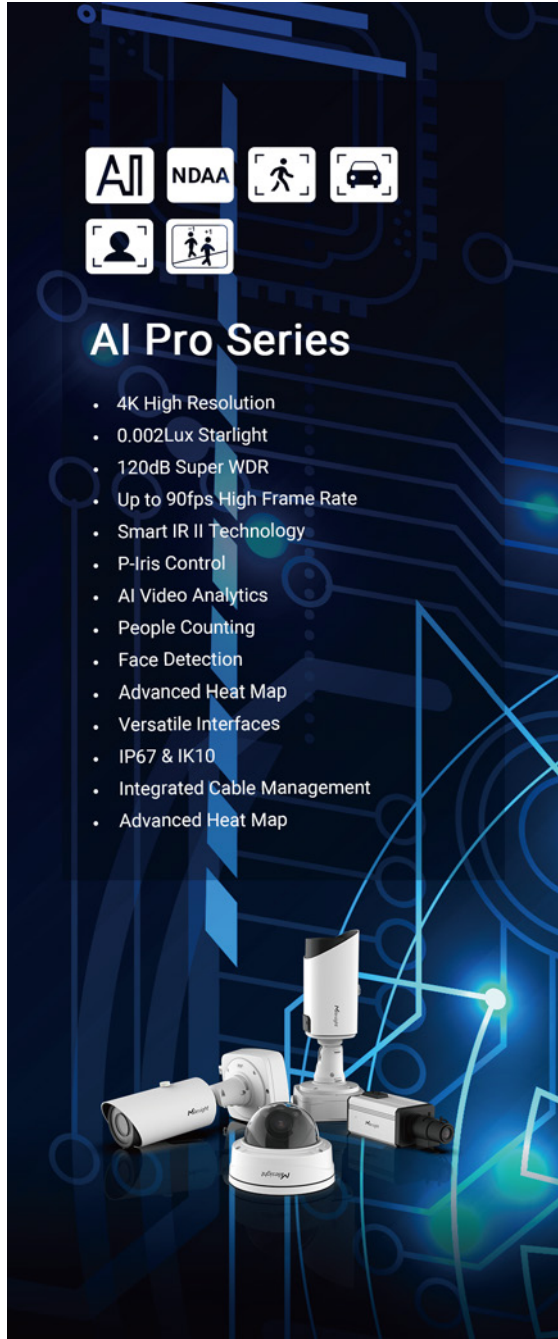
		AI Motorized Dome Camera			
	Model	MS-C2975-RF(I)PC(2MP)	MS-C2975-RFPD(2MP)	MS-C5375-FPD(5MP)	MS-C8175-FPD(4K)
Camera	Appearance				
	Image Sensor	1/2.8" Progressive Scan CMOS			
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on		Color: 0.008Lux@F1.4 B/W: 0Lux with IR on	Color: 0.012Lux@F1.4 B/W: 0Lux with IR on
	WDR	140dB Super WDR	120dB Super WDR		
	Lens	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)	Motorized 2.7~13.5mm/7~22mm@F1.4		Motorized 2.7~13.5mm@F1.4
	Field of View	H111°~H34°/D130°~D39°/ V60°~V19°(2.7~13.5mm)		H99°~H31°/D124°~D38°/ V72°~V23°(2.7~13.5mm)	H107°~H33°/D125°~D37° /V58°~V18°
	Shutter Time	1/100000s~1s			
	IR Distance	Up to 50m			
	S/N	>55dB			
Video	Max. Image Resolution	60fps@(1920x1080)	60fps@(1920x1080)	30fps@(2592x1944)	30fps@(3840x2160)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG			
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)			
Network	Ethernet	1*RJ45 10M/100M Ethernet Port			
Audio	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL		
	Audio Compression	G.711/AAC/G.722/G.726			
	Audio I/O	Built-in Microphone; 1/1 (Multi-interface Version)			
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed			
System	Alarm I/O	1/1 (Multi-interface Version)			
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G			
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur		
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.			
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.			
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)			
	Power Supply	PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)			
	Housing	IP67/IK10			
	Dimensions/Weight	Φ130mmX115mm/780g			



AI Weather-proof Mini Bullet Camera				
	Model	MS-C2963-RPA(2MP)	MS-C5363-PA(5MP)	MS-C8163-PA(4K)
Camera	Appearance			
	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.008Lux@F1.6 B/W: 0Lux with IR on	Color: 0.012Lux@F1.6 B/W: 0Lux with IR on
	WDR	120dB Super WDR		
	Lens	4mm/2.8mm/6mm@F1.6		
	Field of View	H91°/D106°/V50°(4mm)	H86°/D108°/V63°(4mm)	H91°/D106°/V50°(4mm)
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 50m		
	S/N	>55dB		
Video	Max. Image Resolution	60fps@(1920x1080)	30fps@(2592x1944)	30fps@(3840x2160)
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
Network	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL		
Audio	Audio Compression	G.711/AAC/G.722/G.726		
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed		
	People Counting & Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting		
System	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G		
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark		
	Event Trigger	Motion Detection, Network Disconnection, etc.; Motion Detection, Network Disconnection, External Input, Audio Alarm, etc. (Multi-interface Version)		
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.; FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc. (Multi-interface Version)		
General	Working Temperature /Humidity	-40°C~-60°C/0~90%(Non-condensing)		
	Power Supply	PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)		
	Housing	IP67/IK10		
	Dimensions/Weight	Φ76mmX214.5mm/750g		

		AI Vandal-proof Mini Bullet Camera			
	Model	MS-C2964-RPC(2MP)	MS-C2964-(R)PD(2MP)	MS-C5364-PD(5MP)	MS-C8164-PD(4K)
Camera	Appearance				
	Image Sensor	1/2.8" Progressive Scan CMOS			
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on		Color: 0.008Lux@F1.6 B/W: 0Lux with IR on	Color: 0.012Lux@F1.6 B/W: 0Lux with IR on
	WDR	140dB Super WDR	120dB Super WDR		
	Lens	2.8mm/4mm/6mm@F1.6			
	Field of View	H111°/D128°/V61°(2.8mm)		H105°/D131°/V78°(2.8mm)	H110°/D126°/V60°(2.8mm)
	Shutter Time	1/100000s~1s			
	IR Distance	Up to 30m			
	S/N	>55dB			
Video	Max. Image Resolution	60fps@(1920x1080)	30fps@(1920x1080) 60fps@(1920x1080)(Optional for R Series)	30fps@(2592x1944)	30fps@(3840x2160)
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG			
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)			
Network	Ethernet	1*RJ45 10M/100M Ethernet Port			
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL		
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed			
System	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G			
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur		
	Event Trigger	Motion Detection, Network Disconnection, etc.			
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.			
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)			
	Power Supply	PoE (802.3af)			
	Housing	IP67/IK10			
	Dimensions/Weight	97mmX74mmX180mm/610g(Junction Box Version); 64mmX64mmX160mm/450g(Cable Out Version)			

AI Motorized Bullet Camera				
Camera	Model	MS-C2964-RF(I)PA(2MP)	MS-C5364-F(I)PA(5MP)	MS-C8164-F(I)PA(4K)
	Appearance			 4K
	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.008Lux@F1.4 B/W: 0Lux with IR on	Color: 0.012Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR		
	Lens	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)		Motorized 2.7~13.5mm@F1.4 P-Iris(Optional)
	Field of View	H111°~H34°/D130°~D39°/ V60°~V19° (2.7~13.5mm)	H99°~H31°/ D124°~D38°/ V72°~V23° (2.7~13.5mm)	H107°~H33°/D125°~D37° /V58°~V18°
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 50m		
	S/N	>55dB		
Video	Max. Image Resolution	60fps@(1920x1080)	30fps@(2592x1944)	30fps@(3840x2160)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
Network	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL		
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed		
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting		
System	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G		
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark		
	Event Trigger	Motion Detection, Network Disconnection, etc.		
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.		
General	Working Temperature /Humidity	-40°C~-60°C/0~90%(Non-condensing)		
	Power Supply	PoE (802.3af) / DC 12V±10%		
	Housing	IP67/IK10		
	Dimensions/Weight	Φ76mmX239.5mm/825g		



		AI Motorized Pro Dome Camera		
Camera	Model	MS-C2872-R(T)F(I)PA(2MP)	MS-C2972-R(T)F(I)PA(2MP)	MS-C2972-RF(I)PC(2MP)
	Appearance			
	Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	
	WDR	120dB Super WDR		140dB Super WDR
	Lens	Motorized 3.6~10mm@F1.4 P-Iris(Optional)	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)	
	Field of View	H96°~H42°/D111°~D48°/V55°~V23°	H115°~H34°/D135°~D39° /V62°~V19° (2.7~13.5mm)	
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 50m	Up to 50m(3.0~10.5mm/2.7~13.5mm), Up to 90m(7~22mm)	
	S/N	>55dB		
Max. Image Resolution	60fps@(1920x1080), 90fps@(1920x1080)(Optional for T Series)		60fps@(1920x1080)	
Video	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
Network	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL		
Audio	Audio Compression	G.711/AAC/G.722/G.726		
	Audio I/O	Built-in Microphone and 1 Audio Output interface		
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed		
	Face detection	-		Detect and capture faces, get real-time snapshots
	People Counting&Report	Count the number of people entering or exiting,up to 4 detection areas for regional people counting		
System	Alarm I/O	1/1		
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G		
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark		Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.		
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.		
General	Working Temperature /Humidity	-40°C~-60°C/0~90%(Non-condensing)		
	Power Supply	PoE (802.3af) / DC 12V±10%		
	Housing	IP67/IK10		
	Dimensions/Weight	Φ143mmX108.4mm/1100g		

		AI Motorized Pro Dome Camera		
Camera	Model	MS-C5372-F(I)PA(5MP)	MS-C8172-F(I)PA(4K)	MS-C8272-F(I)PA(4K)
	Appearance		 	 
	Image Sensor	1/2.8" Progressive Scan CMOS		1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.008Lux@F1.4 B/W: 0Lux with IR on	Color: 0.012Lux@F1.4 B/W: 0Lux with IR on	Color: 0.009Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR		
	Lens	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)	Motorized 2.7~13.5mm@F1.4 P-Iris(Optional)	Motorized 3.6~10mm@F1.4 P-Iris(Optional)
	Field of View	H89°~H30°/D111°~D37°/V66°~V22°(2.7~13.5mm)	H96°~H33°/ D112°~D37°/ V53°~V18°	H110°~H46°/D126°~D54°/V61°~V25°
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 50m(3.0~10.5mm/2.7~13.5mm), Up to 90m(7~22mm)	Up to 50m	
S/N	>55dB			
Video	Max. Image Resolution	30fps@(2592x1944)	30fps@(3840x2160)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
Network	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL		
Audio	Audio Compression	G.711/AAC/G.722/G.726		
	Audio I/O	Built-in Microphone and 1 Audio Output interface		
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed		
	Face detection	-		
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting		
System	Alarm I/O	1/1		
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G		
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark		
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.		
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.		
General	Working Temperature /Humidity	-40°C~-60°C/0~90%(Non-condensing)		
	Power Supply	PoE (802.3af) / DC 12V±10%		
	Housing	IP67/IK10		
	Dimensions/Weight	Φ143mmX108.4mm/1100g		

		AI Motorized Pro Bullet Camera			
	Model	MS-C2962-R(T)F(I)PA(2MP)	MS-C2962-RF(I)PC(2MP)	MS-C5362-F(I)PA(5MP)	MS-C8162-F(I)PA(4K)
Camera	Appearance				
	Image Sensor	1/2.8" Progressive Scan CMOS			
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on		Color: 0.008Lux@F1.4 B/W: 0Lux with IR on	Color: 0.012Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR	140dB Super WDR	120dB Super WDR	
	Lens	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)			Motorized 2.7~13.5mm@F1.4 P-Iris(Optional)
	Field of View	H92°~H32°/D107°~D37°/V51°~V18° (2.7~13.5mm)		H89°~H30°/D111°~D37°/V66°~V22° (2.7~13.5mm)	H96°~H33°/ D112°~D37°/ V53°~V18°
	Shutter Time	1/100000s~1s			
	IR Distance	Up to 60m(3.0~10.5mm/2.7~13.5mm) Up to 100m(7~22mm)			Up to 60m
	S/N	>55dB			
Video	Max. Image Resolution	60fps@(1920x1080) 90fps@(1920x1080)(Optional for T Series)	60fps@(1920x1080)	30fps@(2592x1944)	30fps@(3840x2160)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG			
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)			
Network	Ethernet	1*RJ45 10M/100M Ethernet Port			
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL			
Audio	Audio Compression	G.711/AAC/G.722/G.726			
	Audio I/O	1/1			
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed			
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting			
System	Alarm I/O	1/1			
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G			
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.			
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.			
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)			
	Power Supply	PoE (802.3af) / DC 12V±10%			
	Housing	IP67			
	Dimensions/Weight	134mmX126mmX285mm/1080g			

		AI 4X/12X Pro Bullet Plus Camera			
	Model	MS-C2866-X4R(T)PA(2MP)	MS-C2866-X4RPC(2MP)	MS-C2966-X12R(T)PA(2MP)	MS-C2966-X12R(T)PC(2MP)
Camera	Appearance				
	Image Sensor	1/2" Progressive Scan CMOS		1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.6 B/W: 0Lux with IR on		Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	
	WDR	120dB Super WDR	140dB Super WDR	120dB Super WDR	140dB Super WDR (Super WDR Pro is optional for T Series)
	Lens	8~32mm, 4X Optical Zoom		5.3~64mm, 12X Optical Zoom	
	Field of View	H44°~H13°/D51°~D15°/V25°~V7°		H44°~H13°/D51°~D15°/V25°~V7°	
	Shutter Time	1/100000s~1s			
	IR Distance	Up to 180m			
	S/N	>55dB			
Video	Max. Image Resolution	60fps@(1920x1080) 90fps@(1920x1080)(Optional for T Series)	60fps@(1920x1080)	60fps@(1920x1080) 90fps@(1920x1080)(Optional for T Series)	60fps@(1920x1080) 100fps@(1920x1080)(Optional for T Series)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG			
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)			
Network	Ethernet	1*RJ45 10M/100M Ethernet Port			
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL			
Audio	Audio Compression	G.711/AAC/G.722/G.726			
	Audio I/O	1/1			
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed			
	Face Detection	—	Detect and capture faces, get real-time snapshots	—	Detect and capture faces, get real-time snapshots
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting			
System	Alarm I/O	1/1			
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G			
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.			
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.			
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing) -60°C~60°C(Optional for Heater Version)/0~90%(Non-condensing)			
	Power Supply	PoE (802.3at) / DC 12V±10%			
	Housing	IP67/IK10			
	Dimensions/Weight	320mmX134mmX126mm/1447g			

		AI Motorized Pro Bullet Plus Camera				
	Model	MS-C2966-R(T)F(I)PA(2MP)	MS-C2966-RF(I)PC(2MP)	MS-C5366-F(I)PA(5MP)	MS-C8166-F(I)PA(4K)	MS-C8266-F(I)PA(4K)
Camera	Appearance					
	Image Sensor	1/2.8" Progressive Scan CMOS				1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on		Color: 0.008Lux@F1.4 B/W: 0Lux with IR on	Color: 0.012Lux@F1.4 B/W: 0Lux with IR on	Color: 0.009Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR	140dB Super WDR	120dB Super WDR		
	Lens	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)			Motorized 2.7~13.5mm@F1.4 P-Iris(Optional)	Motorized 3.6~10mm@F1.4 P-Iris(Optional)
	Field of View	H113°~H33°/D130°~D38°/V60°~V18° (2.7~13.5mm)		H113°~H33°/D138°~D42°/V83°~V25° (2.7~13.5mm)	H110°~H33°/D118°~D38°/V60°~V18°	H116°~H48°/D134°~D55°/V65°~V27°
	Shutter Time	1/100000s~1s				
	IR Distance	Up to 65m(3.0~10.5mm/2.7~13.5mm), Up to 100m(7~22mm)			Up to 65m	
	S/N	>55dB				
Video	Max. Image Resolution	60fps@(1920x1080) 90fps@(1920x1080)(Optional for T Series)	60fps@(1920x1080)	30fps@(2592x1944)	30fps@(3840x2160)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG				
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)				
Network	Ethernet	1*RJ45 10M/100M Ethernet Port				
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL				
Audio	Audio Compression	G.711/AAC/G.722/G.726				
	Audio I/O	1/1				
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed				
	Face Detection	-	Detect and capture faces, get real-time snapshots	-		
	People Counting&Report	Count the number of people entering or exiting,up to 4 detection areas for regional people counting				
System	Alarm I/O	1/1				
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G				
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, WatermarkCorridor Mode, Deblur, Watermark	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark		
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.				
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.				
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)				
	Power Supply	PoE (802.3af) / DC 12V±10%				
	Housing	IP67/IK10				
	Dimensions/Weight	320mmx108mmx126mm/1630g				

		AI Pro Box Plus Camera				
	Model	MS-C2852-RPA(2MP)	MS-C2952-RPA(2MP)	MS-C2952-RPC(2MP)	MS-C5352-PA(5MP)	MS-C8152-PA(4K)
Camera	Appearance					 
	Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS		1/2.8" Progressive Scan CMOS	
	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: 0.01Lux@F1.2 B/W: 0.005Lux@F1.2
	WDR	120dB Super WDR		140dB Super WDR	120dB Super WDR	
	Iris	P-Iris/DC-Iris				
	Shutter Time	1/100000s~1s				
	S/N	>55dB				
	Max. Image Resolution	60fps@(1920x1080)		60fps@(1920x1080)	30fps@(2592x1944)	30fps@(3840x2160)
Video	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG				
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)				
Network	Ethernet	1*RJ45 10M/100M Ethernet Port				
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL				
Audio	Audio Compression	G.711/AAC/G.722/G.726				
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed				
	Face Detection	-	Detect and capture faces, get real-time snapshots		-	
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting				
System	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G				
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark		Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.				
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.				
General	Working Temperature /Humidity	-40°C~-60°C/0~90%(Non-condensing)				
	Power Supply	PoE (802.3af) / DC 12V±10%				
	Dimensions/Weight	130mmX75mmX66mm/366g				

AI









AI PTZ Series

- 360° Endless Pan, 95° Tilt
- Up to 42X Optical Zoom
- 1/1.8" STARVIS Starlight Sensor
- 4K High Resolution
- 0.002Lux Starlight
- 3 in 1 Super WDR Pro - 140dB
- Up to 100fps High Frame Rate
- Smart IR II Technology
- Auto Tracking
- Intelligent 3D Positioning
- Smart Rain-sensing Wiper
- Versatile Interfaces



AI 12X PTZ Bullet Camera			
	Model	MS-C2961-X12R(T)PC(2MP)	MS-C5361-X12PC(5MP)
Camera	Appearance		
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.008Lux@F1.6 B/W: 0Lux with IR on
	WDR	140dB Super WDR (Super WDR Pro is optional for T Series)	
	Lens	5.3~64mm@F1.6~F2.8, 12X Optical Zoom, 16X Digital Zoom	
	Field of View	H61°~H5°/D69°~D5°/V36°~V2°	H57°~H4°/D69°~D5°/V44°~V1°
	Minimum Working Distance	1000~1500mm (Wide/Tele)	
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 140m	
PTZ	S/N	>55dB	
	Pan Range/Speed	360°endless; Pan Manual Speed: 0.1°~50°/s, Pan Preset Speed: 50°/s	
	Tilt Range/Speed	-45°~30°; Tilt Manual Speed: 0.1°~25°/s, Tilt Preset Speed: 25°/s	
	Preset Quantity	300	
Video	Patrol/Pattern	8 Patrols, up to 48 presets each patrol, 4 Patterns	
	Max. Image Resolution	60fps@(1920x1080), 100fps@(1920x1080)(Optional for T Series)	30fps@(2592x1944)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
Network	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression	G.711/AAC/G.722/G.726	
	Audio I/O	1/1 (Optional)	
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed	
	Face Detection	Detect and capture faces, get real-time snapshots	
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting	
System	Alarm I/O	1/1 (Optional)	
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
	Event Trigger	Motion Detection, Network Disconnection, External Input (Optional), Audio Alarm (Optional), etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output (Optional), SIP Phone, White LED, PTZ Motion, HTTP Notification, etc.	
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)	
	Power Supply	PoE (802.3at) / DC 12V/2A±10%	
	Housing	IP66	
	Dimensions/Weight	160mmX273.5mmX210mm/2Kg (Wall Mount) 218mmX120mmX172mm/1.8Kg (Pedestal Mount)	

		AI 12X PTZ Bullet Camera	
	Model	MS-C2961-X12R(T)(P)E(2MP)	MS-C5361-X12(P)E(5MP)
Camera	Appearance		
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.008Lux@F1.6 B/W: 0Lux with IR on
	WDR	140dB Super WDR	120dB Super WDR
	Lens	5.3~64mm, 12X Optical Zoom, 16X Digital Zoom	
	Field of View	H61°~H5°/D69°~D5°/V36°~V2°	H57°~H4°/D69°~D5°/V44°~V1°
	Minimum Working Distance	1000/1500mm (Wide/Tele)	
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 140m	
	S/N	>55dB	
PTZ	Pan Range/Speed	360°endless / Pan Manual Speed: 0.1°~50°/s, Pan Preset Speed: 50°/s	
	Tilt Range/Speed	-45°~30° / Tilt Manual Speed: 0.1°~25°/s, Tilt Preset Speed: 25°/s	
	Preset Quantity	300	
	Patrol/Pattern	8 Patrols, up to 48 presets each patrol, 4 Patterns	
Video	Max. Image Resolution	60fps@(1920x1080), 90fps@(1920x1080)(Optional for T Series)	30fps@(2592x1944)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
Network	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression	G.711/AAC/G.722/G.726	
	Audio I/O	1/1 (Optional)	
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed	
	Face Detection	-	
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting	
System	Alarm I/O	1/1 (Optional)	
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR,Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
	Event Trigger	Motion Detection, Network Disconnection, External Input (Optional), Audio Alarm (Optional), etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output (Optional), SIP Phone, White LED, PTZ Motion, HTTP Notification, etc.	
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)	
	Power Supply	PoE (802.3at) / DC 12V/2A±10%	
	Housing	IP66	
	Dimensions/Weight	160mmX273.5mmX210mm/2Kg (Wall Mount) 218mmX120mmX172mm/1.8Kg (Pedestal Mount)	



		AI 5X/20X/23X PTZ Bullet Plus Camera				
	Model	MS-C2867-X20TPC(2MP)	MS-C2967-X23R(T)PC(2MP)	MS-C5367-X23PC(5MP)	MS-C8267-X5PC(4K)	MS-C8267-X20PC(4K)
Camera	Appearance					
	Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS		1/1.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.5 B/W: 0Lux with IR on	Color: 0.008Lux@F1.5 B/W: 0Lux with IR on	Color: 0.009Lux@F1.7 B/W: 0Lux with IR on	Color: 0.009Lux@F1.6 B/W: 0Lux with IR on
	WDR	140dB Super WDR Pro	140dB Super WDR (Super WDR Pro is optional for T Series)	120dB Super WDR		
	Lens	6.4~128mm@F1.6~F4.0, 20X Optical Zoom, 16X Digital Zoom	5~117mm@F1.5~F3.5, 23X Optical Zoom, 16X Digital Zoom		11~55mm@F1.7~F2.1, 5X Optical Zoom, 16X Digital Zoom	6.4~128mm@F1.6~F4.0, 20X Optical Zoom, 16X Digital Zoom
	Field of View	H60°~H3°/D67°~D4°/V37°~V1°	H60°~H3°/D69°~D4°/V35°~V2°	H55°~H3°/D68°~D4°/V42°~V2°	H36°~8°/D41°~D9°/V21°~V5°	H60°~H3°/D67°~D4°/V37°~V1°
	Minimum Working Distance	1000~2000mm (Wide/Tele)	1000~1500mm (Wide/Tele)			1000~2000mm (Wide/Tele)
	Shutter Time	1/100000s~1s				
	IR Distance	Up to 180m				
	S/N	>55dB				
PTZ	Pan Range/Speed	360°endless / Pan Manual Speed: 0.1°~60°/s, Pan Preset Speed: 60°/s				
	Tilt Range/Speed	-45°~30° / Tilt Manual Speed: 0.1°~30°/s, Tilt Preset Speed: 30°/s				
	Preset Quantity	300				
	Patrol/Pattern	8 Patrols, up to 48 presets each patrol, 4 Patterns				
Video	Max. Image Resolution	60fps@(1920x1080), 100fps@(1920x1080)(Optional for T Series)		30fps@(2592x1944)	30fps@(3840x2160)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG				
Network	Ethernet	1*RJ45 10M/100M Ethernet Port				
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL				
Audio	Audio Compression	G.711/AAC/G.722/G.726				
	Audio I/O	1/1				
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed				
	Face Detection	Detect and capture faces, get real-time snapshots				
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting				
System	Alarm I/O	1/1				
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G				
	Advanced Function	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark				
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.				
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, White LED, PTZ Motion, HTTP Notification, etc.				
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)				
	Power Supply	PoE (802.3at) / DC 12V/3A±10%				
	Housing	IP66				
	Dimensions/Weight	110mmX337mmX220mm/2.9Kg				

		AI 12X/20X/23X PTZ Dome Camera			
	Model	MS-C2971-X12R(T)PC(2MP)	MS-C2871-X20TPC(2MP)	MS-C2971-X23R(T)PC(2MP)	MS-C5371-X12PC(5MP)
Camera	Appearance				
	Image Sensor	1/2.8" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.002Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.5 B/W: 0Lux with IR on	Color: 0.008Lux@F1.6 B/W: 0Lux with IR on
	WDR	140dB Super WDR (Super WDR Pro is optional for T Series)	140dB Super WDR Pro	140dB Super WDR (Super WDR Pro is optional for T Series)	120dB Super WDR
	Lens	5.3~64mm@F1.6~F2.8, 12X Optical Zoom, 16X Digital Zoom	6.4~128mm@F1.6~F4.0, 20X Optical Zoom, 16X Digital Zoom	5~117mm@F1.5~F3.5, 23X Optical Zoom, 16X Digital Zoom	5.3~64mm@F1.6~F2.8, 12X Optical Zoom, 16X Digital Zoom
	Field of View	H61°~H5°/D69°~D5°/V36°~V2°	H60°~H3°/D67°~D4°/V37°~V1°	H60°~H3°/D69°~D4°/ V35°~V2°	H57°~H4°/D69°~D5°/V44°~V1°
	Minimum Working Distance	1000~1500mm (Wide/Tele)	100~2000mm (Wide/Tele)	100~1500mm (Wide/Tele)	
	Shutter Time	1/100000s~1s			
	IR Distance	Up to 160m			
	S/N	>55dB			
PTZ	Pan Range/Speed	360° endless; Pan Manual Speed: 0.1°~450°/s, Pan Preset Speed: 450°/s			
	Tilt Range/Speed	-5°~90° (Auto Flip); Tilt Manual Speed: 0.1°~360°/s, Tilt Preset Speed: 360°/s			
	Preset Quantity	300			
	Patrol/Pattern	8 Patrols, up to 48 presets each patrol, 4 Patterns			
Video	Max. Image Resolution	60fps@(1920x1080), 100fps@(1920x1080)(Optional for T Series)			30fps@(2592x1944)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG			
Network	Ethernet	1*RJ45 10M/100M Ethernet Port			
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL			
Audio	Audio Compression	G.711/AAC/G.722/G.726			
	Audio I/O	1/1			
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed			
	Face Detection	Detect and capture faces, get real-time snapshots			
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting			
System	Alarm I/O	1/1			
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G			
	Advanced Function	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark			
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.			
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, PTZ Motion, HTTP Notification, etc.			
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)			
	Power Supply	PoE (802.3at) / DC 12V/3A±10%			
	Housing	IP66/IK10			
	Surge Protection	4KV			
	Dimensions/Weight	Φ183mmX174.8mm/2Kg			



		AI 12X/20X/23X PTZ Dome Network Camera			
	Model	MS-C2871-X20TPE(2MP)	MS-C2971-X12R(T)PE(2MP)	MS-C2971-X23R(T)PE(2MP)	MS-C5371-X12PE(5MP)
Camera	Appearance				
	Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.002Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.5 B/W: 0Lux with IR on	Color: 0.008Lux@F1.6 B/W: 0Lux with IR on
	WDR	140dB Super WDR			120dB Super WDR
	Lens	6.4~128mm, 20X Optical Zoom, 16X Digital Zoom	5.3~64mm, 12X Optical Zoom, 16X Digital Zoom	5~117mm, 23X Optical Zoom, 16X Digital Zoom	5.3~64mm, 12X Optical Zoom, 16X Digital Zoom
	Field of View	H60°~H3°/D67°~D4°/V37°~V1°	H61°~H5°/D69°~D5°/V36°~V2°	H60°~H3°/D69°~D4°/ V35°~V2°	H57°~H4°/D69°~D5°/V44°~V1°
	Minimum Working Distance	100/2000mm(Wide/Tele)	1000/1500mm(Wide/Tele)	100/1500mm (Wide/Tele)	1000/1500mm(Wide/Tele)
	Shutter Time	1/100000s~1s			
	IR Distance	Up to 160m			
S/N	>55dB				
PTZ	Pan Range/Speed	360° endless; Pan Manual Speed: 0.1°~450°/s, Pan Preset Speed: 450°/s			
	Tilt Range/Speed	-5°~90° (Auto Flip); Tilt Manual Speed: 0.1°~360°/s, Tilt Preset Speed: 360°/s			
	Preset Quantity	300			
	Patrol/Pattern	8 Patrols, up to 48 presets each patrol, 4 Patterns			
Video	Max. Image Resolution	90fps@(1920x1080)	60fps@(1920x1080), 90fps@(1920x1080)(Optional for T Series)		30fps@(2592x1944)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG			
Network	Ethernet	16Kbps~16Mbps(CBR/VBR Adjustable)			
	Ethernet	1*RJ45 10M/100M Ethernet Port			
Network	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL			
	Audio Compression	G.711/AAC/G.722/G.726			
Audio	Audio I/O	1/1			
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed			
Intelligent Analytics	Face Detection	-			
	People Counting & Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting			
System	Alarm I/O	1/1			
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G			
	Advanced Function	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark			
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.			
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, PTZ Motion, HTTP Notification, etc.			
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)			
	Power Supply	PoE (802.3at) / DC 12V/3A±10%			
	Housing	IP66/IK10			
	Dimensions/Weight	Φ183mmX174.8mm/2Kg			

		AI 23X/30X Speed Dome Camera			
	Model	MS-C2941-X23R(T)PC(2MP)	MS-C2941- X30R(T)PC /W (2MP)	MS-C5341-X23PC(5MP)	MS-C5341-X30PC /W (5MP)
Camera	Appearance				
	Image Sensor	1/2.8" Progressive Scan CMOS			
	Min. Illumination	Color: 0.005Lux@F1.5, B/W: 0Lux with IR on		Color: 0.008Lux@F1.5, B/W: 0Lux with IR on	
	WDR	140dB Super WDR (Super WDR Pro is optional for T Series)		120dB Super WDR	
	Lens	5~117mm, 23X Optical Zoom, 16X Digital Zoom	4.7~141mm, 30X Optical Zoom, 16X Digital Zoom	5~117mm, 23X Optical Zoom, 16X Digital Zoom	4.7~141mm, 30X Optical Zoom, 16X Digital Zoom
	Field of View	H60°~H3°/D69°~D4°/ V35°~V2°	H62°~H3°/D70°~D3°/ V37°~V1°	H55°~H3°/D68°~D4° /V42°~V2°	H58°~H3°/D71°~D3° /V44°~V2°
	Minimum Working Distance	100/1500mm (Wide/Tele)			
	Shutter Time	1/100000s~1s			
	IR Distance	Up to 200m	Up to 200m / Up to 300m (Wiper Version)		Up to 200m
	S/N	>55dB			
PTZ	Pan Range/Speed	360°endless / Pan Manual Speed: 0.1°~400°/s, Pan Preset Speed: 400°/s			
	Tilt Range/Speed	-5°~90°(Auto Flip) / Tilt Manual Speed: 0.1°~320°/s, Tilt Preset Speed: 320°/s			
	Preset Quantity	300			
	Patrol/Pattern	8 Patrols, up to 48 presets each patrol, 4 Patterns			
Video	Max. Image Resolution	60fps@(1920x1080), 100fps@(1920x1080)(Optional for T Series)		30fps@(2592x1944)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG			
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)			
Network	Ethernet	1*RJ45 10M/100M Ethernet Port			
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL			
Audio	Audio Compression	G.711/AAC/G.722/G.726			
	Audio I/O	1/1			
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed			
	Face Detection	Detect and capture faces, get real-time snapshots			
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting			
System	Alarm I/O	4/2			
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G			
	Advanced Function	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark			
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.			
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, PTZ Motion, HTTP Notification, etc.			
General	Wiper(Optional)	-	Support	-	Support
	Working Temperature/Humidity	-40°C~-60°C/0~90%(Non-condensing)			
	Power Supply	PoE (802.3at) / AC 24V/3A±10%			
	Housing	IP66/IK10(Optional)			
	Dimensions/Weight	Φ205mmX308mm/4Kg			

		AI 36X/42X Speed Dome Camera			
	Model	MS-C2841-X36TPC W (2MP)	MS-C2941- X42R(T)PC W (2MP)	MS-C5341-X42PC W (5MP)	MS-C8241-X36PC W (4K)
Camera	Appearance				
	Image Sensor	1/2" Progressive Scan CMOS		1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.55 B/W: 0Lux with IR on		Color: 0.008Lux@F1.8 B/W: 0Lux with IR on	
	WDR	140dB Super WDR(Super WDR Pro is optional for T Series)			120dB Super WDR
	Lens	5.7~205.2mm, 36X Optical Zoom, 16X Digital Zoom	7~300mm, 42X Optical Zoom, 16X Digital Zoom	7~300mm, 42X Optical Zoom, 16X Digital Zoom	5.7~205.2mm, 36X Optical Zoom, 16X Digital Zoom
	Field of View	H63°~H3°/D69°~D3°/ V38°~V1°	H45°~H2°/D50°~D2°/ V27°~V1°	H43°~H2°/D53°~D2° /V33°~V1°	H66°~H3°/D72°~D3° /V41°~V1°
	Minimum Working Distance	1500/1500mm (Wide/Tele)	1200/1500mm (Wide/Tele)		1500/1500mm (Wide/Tele)
	Shutter Time	1/100000s~1s			
	IR Distance	Up to 300m			
	S/N	>55dB			
Pan Range/Speed	360°endless / Pan Manual Speed: 0.1°~400°/s, Pan Preset Speed: 400°/s				
PTZ	Tilt Range/Speed	-5°~90°(Auto Flip) / Tilt Manual Speed: 0.1°~320°/s, Tilt Preset Speed: 320°/s			
	Preset Quantity	300			
	Patrol/Pattern	8 Patrols, up to 48 presets each patrol, 4 Patterns			
	Max. Image Resolution	60fps@(1920x1080), 100fps@(1920x1080)(Optional for T Series)		30fps@(2592x1944)	30fps@(3840x2160)
Video	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG			
	Ethernet	1*RJ45 10M/100M Ethernet Port			
Network	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL			
	Audio Compression	G.711/AAC/G.722/G.726			
Audio	Audio I/O	1/1			
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed			
Intelligent Analytics	Face Detection	Detect and capture faces, get real-time snapshots			
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting			
	Alarm I/O	4/2			
System	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G			
	Advanced Function	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark			
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.			
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, PTZ Motion, HTTP Notification, etc.			
General	Wiper(Optional)	Support			
	Working Temperature/Humidity	-40°C~60°C/0~90%(Non-condensing)			
	Power Supply	PoE (802.3at) / AC 24V/3A±10%			
	Housing	IP66/IK10(Optional)			
	Surge Protection	6KV			
Dimensions/Weight	Φ205mmX308mm/4Kg				

AI

AI Panoramic Series

- 180°/360° Panoramic View
- Stunning Dewarping Capability
- Up to 12MP Ultra High Resolution
- On-board/Client-side Dewarping
- Smart IR II Technology
- Fisheye Auto Tracking
- Advanced Heat Map
- IP67 & IK10
- Built-in Microphone
- Point-contact Power Supply
- Hassle-free Installation



AI PANORAMIC CAMERA SERIES

AI 180° Panoramic Mini Dome Camera			
	Model	MS-C5376-PA(5MP)	MS-C8176-PA(4K)
Camera	Appearance		 4K
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.008Lux@F2.0 B/W: 0Lux with IR on	Color: 0.012Lux@F2.0 B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Lens	1.68mm@F2.0	
	Field of View	H180°/V95°	H180°/V86°
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 15m	
	S/N	>55dB	
Video	Max. Image Resolution	30fps@(2592x1944)(Original), 30fps@(2560x1440)	25fps@(3840x2160)
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
Network	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression	G.711/AAC/G.722/G.726	
	Audio I/O	Built-in Microphone	
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed	
	People Counting& Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting	
System	Alarm I/O	-	
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.	
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)	
	Power Supply	PoE (802.3af) / DC 12V±10%	
	Housing	IP67/IK10	
	Dimensions/Weight	Φ127mmX107mm/853g	

AI PANORAMIC CAMERA SERIES

		AI 180° Panoramic Mini Bullet Camera		AI 360° Panoramic Fisheye Camera	
	Model	MS-C5365-PA(5MP)	MS-C8165-PA(4K)	MS-C8274-PA(4K)	MS-C9674-PA(12MP)
Camera	Appearance		 	 	 
	Image Sensor	1/2.8" Progressive Scan CMOS		1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
	Min. Illumination	Color: 0.008Lux@F2.0 B/W: 0Lux with IR on	Color: 0.012Lux@F2.0 B/W: 0Lux with IR on	Color: 0.008Lux@F1.8 B/W: 0Lux with IR on	Color: 0.05Lux@F2.8 B/W: 0Lux with IR on
	WDR	120dB Super WDR			
	Lens	1.68mm@F2.0		1.5mm@F1.8	1.98mm@F2.8
	Field of View	H180°/V95°	H180°/V86°	Ceiling Mount: 360°; Wall Mount: 180°; Flat Mount: 360°	
	Shutter Time	1/100000s~1s			
	IR Distance	Up to 15m			
	S/N	>55dB			
Video	Max. Image Resolution	30fps@(2592x1944)(Original) 30fps@(2560x1440)	25fps@(3840x2160)	3840x2160(Max. Input Resolution)	4000x3000(Max. Input Resolution)
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG		H.265+/H.265(HEVC)/H.264+/H.264	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)			
Display	Mount Mode	-		Ceiling Mount/Wall Mount/Flat Mount	
	Display Mode	-		On-board Dewarping/Client-side Dewarping	
Network	Ethernet	1*RJ45 10M/100M Ethernet Port		1*RJ45 10M/100M/1000M Ethernet Port	
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL			
Audio	Audio Compression	G.711/AAC/G.722/G.726			
	Audio I/O	Built-in Microphone		Built-in Microphone; 1/1 (Multi-interface Version)	Built-in Microphone and Audio Input/Output interface
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed			
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting			
System	Alarm I/O	-		1/1 (Multi-interface Version)	
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G			
	Advanced Function	Privacy Masking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark		Privacy Masking, Auto Tracking, Heat Map, BLC, HLC, 2D DNR, 3D DNR, AWB, IP Address Filtering, AGC, Anti-flicker, Deblur, Watermark	
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, etc.		Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.		FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
General	Working Temperature /Humidity	-40°C~60°C/0~90%(Non-condensing)			
	Power Supply	PoE (802.3af) / DC 12V±10%			
	Housing	IP67/IK10			
	Dimensions/Weight	95.8mmX74mmX158.5mm/630g		Φ140mmX45.4mm/700g	

AI

Intelligent Traffic Series

Road Traffic Management

- Advanced AI LPR Algorithm
- 3D Radar Technology
- 4G Solar-powered Technology
- Supplement Light for Better Image
- Traffic Flow Statistics and Analysis
- Evidence Capture
- Intelligent Plate Data
- License Plate Administration
- Superior Image Quality
- Wiegand Protocol supported
- Maximized Flexibility



ROAD TRAFFIC MANAGEMENT

		AI Road Traffic Pro Bullet Plus Camera	AI Road Traffic Radar Pro Bullet Plus Camera
Camera	Model	TS2866-X4TPC(2MP)	TS2866-X4TVPC(2MP)
	Appearance		
	Image Sensor	1/2" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.6 B/W: 0Lux with IR on	
	WDR	140dB Super WDR Pro	
	Lens	8~32mm, 4X Optical Zoom	
Road Traffic Management	Field of View	H44°~H13°/D51°~D15°/V25°~V7°	
	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>95%	
	Coverage	Support simultaneous detection of 4 regions	
	Country Region Supported	More than 80 countries and regions	
	Illumination Distance	Up to 30m	
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture, Vehicle Direction Detection, Speed Detection, Traffic Flow Detection
	Smart Traffic Function	Evidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane Management	
	White/Black List	Up to 1000 records inside the camera	
	LPR Smart Search	Support	
Radar	Working Frequency	-	60GHz, 61~62GHz
	Capture Rate	-	>99% (Traffic jam >95%)
	Lane Coverage	-	1~4 Lanes (Recognition ≥95% individually)
	Tracking Target	-	Up to 32
	Speed Detection Range & Accuracy	-	±5km/h~±200km/h; ±0.36km/h(Accuracy)
	Detection Distance & Accuracy	-	Up to 90m; ±0.4m(Accuracy)
	Installation Height	-	2~7m
Interface	Interface	Audio I/O, Alarm I/O, PoE (802.3at), DC 12V	
Video	Max. Image Resolution	100fps@(1920x1080)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
Network	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression	G.711/AAC/G.722/G.726	
System	Compatibility	API, HTTP, TCP, ONVIF Profile G & Q & S & T	
	Event Trigger	Black/White List, Attributes Event, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc	
General	Housing	IP67/IK10	IP67

ROAD TRAFFIC MANAGEMENT

		AI Road Traffic Supplement Light Pro Bullet Plus Camera	
Camera	Model	TS2866-X4TWC /W (2MP)	TS2866-X4TWC /R (2MP)
	Appearance		
	Image Sensor	1/2" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.6 B/W: 0Lux with IR on	
	WDR	140dB Super WDR Pro	
	Lens	8~32mm, 4X Optical Zoom	
Road Traffic Management	Field of View	H44°~H13°/D51°~D15°/V25°~V7°	
	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>95%	
	Coverage	Support simultaneous detection of 4 regions	
	Country Region Supported	More than 80 countries and regions	
	Illumination Distance	Up to 40m	
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture	
	Smart Traffic Function	Evidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane Management	
	White/Black List	Up to 1000 records inside the camera	
	LPR Smart Search	Support	
Illuminator	Supplement Light	White LED Light	IR LED Light
	Light Bead	6 (For White LED Light)	9 (For IR LED Light)
	Light Control	Auto/Always On/Off/Customize	
Interface	Interface	RS485, Wiegand Interface, Audio I/O, Alarm I/O, Ethernet Port, DC 12V	
Video	Max. Image Resolution	100fps@(1920x1080)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
Network	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression	G.711/AAC/G.722/G.726	
System	Compatibility	API, HTTP, TCP, Wiegand Protocol, ONVIF Profile G & Q & S & T	
	Event Trigger	Black/White List, Attributes Event, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc	
General	Housing	IP67	

		AI Road Traffic PTZ Bullet Camera	AI Road Traffic PTZ Bullet Plus Camera
Camera	Model	TS2961-X12TPC(2MP)	TS2867-X5TPC(2MP)
	Appearance		
	Image Sensor	1/2.8" Progressive Scan CMOS	1/2" Progressive Scan CMOS
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.002Lux@F1.7 B/W: 0Lux with IR on
	WDR	140dB Super WDR Pro	
	Lens	5.3~64mm, 12X Optical Zoom, 16X Digital Zoom	11~55mm, 5X Optical Zoom, 16X Digital Zoom
	Field of View	H61°~H5°/D69°~D5°/V36°~V2°	H34°~H8°/D39°~D9°/V20°~V4°
Road Traffic Management	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>95%	
	Coverage	Support simultaneous detection of 4 regions	
	Country Region Supported	More than 80 countries and regions	
	Illumination Distance	Up to 40m	
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture	
	Smart Traffic Function	Evidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane Management	
	White/Black List	Up to 1000 records inside the camera	
	LPR Smart Search	Support	
	PTZ		
PTZ	Pan Range/Pan Speed	360°endless / Pan Manual Speed: 0.1°~50°/s, Pan Preset Speed: 50°/s	360°endless / Pan Manual Speed: 0.1°~60°/s, Pan Preset Speed: 60°/s
	Tilt Range/Tilt Speed	-45°~30° / Tilt Manual Speed: 0.1°~25°/s, Tilt Preset Speed: 25°/s	-45°~30° / Tilt Manual Speed: 0.1°~30°/s, Tilt Preset Speed: 30°/s
	Preset/Patrol/Pattern	8 Patrols, up to 48 presets each patrol, 4 patterns	
Interface	Interface	Audio I/O (Optional), Alarm I/O (Optional), PoE (802.3at), DC 12V	Audio I/O, Alarm I/O, PoE (802.3at), DC 12V
Video	Max. Image Resolution	100fps@(1920x1080)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
Network	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression	G.711/AAC/G.722/G.726	
System	Compatibility	API, HTTP, TCP, ONVIF Profile G & Q & S & T	
	Event Trigger	Black/White List, Attributes Event, Motion Detection, Network Disconnection, External Input (Optional), Audio Alarm (Optional), etc.	Black/White List, Attributes Event, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output (Optional), SIP Phone, White LED, PTZ Motion, HTTP Notification, etc.	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, White LED, PTZ Motion, HTTP Notification, etc.
General	Housing	IP66	

		AI Road Traffic Speed Dome Camera	AI Road Traffic 5G Pro Bullet Plus Camera
Camera	Model	TS2841-X36TPC(2MP)	TS2841-X36TPC /W (2MP)
	Appearance		
	Image Sensor	1/2" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.55 B/W: 0Lux with IR on	
	WDR	140dB Super WDR Pro	
	Lens	5.7~205.2mm, 36X Optical Zoom, 16X Digital Zoo	8~32mm, 4X Optical Zoom
	Field of View	H63°~H3°/D69°~D3°/ V38°~V1°	H44°~H13°/D51°~D15°/V25°~V7°
Road Traffic Management	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>95%	
	Coverage	Support simultaneous detection of 4 regions	
	Country Region Supported	More than 80 countries and regions	
	Illumination Distance	Up to 50m	Up to 30m
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture	
	Smart Traffic Function	Evidence Camera Linkage, Vehicle Counting Based on Vehicle Type, Specific Lane Management	
	White/Black List	Up to 1000 records inside the camera	
	LPR Smart Search	Support	
Interface	Interface	RS485, Audio I/O, 4*Alarm In, 2*Alarm Out, PoE (802.3at), AC 24V	1*RJ45 10M/100M Ethernet Port
PTZ	Pan Range/Pan Speed	360°endless / Pan Manual Speed: 0.1°~250°/s, Pan Preset Speed: 250°/s	
	Tilt Range/Tilt Speed	-5°~90°(Auto Flip) / Tilt Manual Speed: 0.1°~160°/s, Tilt Preset Speed: 160°/s	
	Preset/Patrol/Pattern	8 Patrols, up to 48 presets each patrol, 4 patterns	
Mobile Communication Parameter	Wireless Communication		Support 5G/4G/3G
	Frequency Bands	5G NR	n1/n2/n3/n5/n7/n8/n12/n20/n28/n41/n66/n71/n77/n78/n79
		LTE-FDD	B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19/B20/B21(TBD)/B25/B26/B28/B29/B30/B32/B66/B71
	Wireless Transmission Speed	SA	DL 3.3Gbps; UL 250Mbps
		NSA	DL 3.4Gbps; UL 200Mbps
Video	SIM Card		Nano SIM
	Max. Image Resolution	100fpd@(1920x1080)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
Network	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	Black/White List, Attributes Event, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
Audio	Audio Compression	G.711/AAC/G.722/G.726	
System	Compatibility	API, HTTP, TCP, ONVIF Profile G & Q & S & T	
	Event Trigger	Black/White List, Attributes Event, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, PTZ Motion, HTTP Notification, etc.	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc
General	Housing	IP66/IK10(Optional)	IP66
	Wiper	-	Support



ROAD TRAFFIC MANAGEMENT

AI Road Traffic Parking Detection Pro Bullet Plus Camera		
	Model	TS8266-FPC /P (2MP)
Camera	Appearance	
	Image Sensor	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.009Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR
	Lens	Motorized 3.6~10mm@F1.4
	Field of View	H116°~H48°/D134°~D55°/V65°~V27°
Road Traffic Management	Smart Traffic Function	Parking Detection, Parking Violation Detection
	Detection Space	Support simultaneous detection of 4 parking spaces
		Support simultaneous detection of 2 illegal parking areas
	Recognition Accuracy	98%
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture
	Country Region Supported	More than 80 countries and regions
	Parking Smart Search	Support
Interface	Interface	Audio I/O, Alarm I/O, PoE (802.3at), DC 12V
Video	Max. Image Resolution	30fps@(3840x2160)
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
Audio	Audio Compression	G.711/AAC/G.722/G.726
System	Compatibility	API, HTTP, TCP, ONVIF Profile G & Q & S & T
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	Event Trigger	Attributes Event, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc
General	Working Temperature /Humidity	-40°C~-60°C/0~95%(Non-condensing)
	Power Supply	PoE (802.3af) / DC 12V±10%
	Housing	IP67/IK10
	Dimensions/Weight	320mmX134mmX126mm/1630g

4G Solar-powered Traffic Sensing Camera			
	Model	SC211-NA/EU/AU	
	Appearance		
Capture Performance	Capture Rate	≥95%	
	Optimal Capture Distance	6m	
	Capture Range	3~15m	
	Nighttime Illumination Distance	Up to 15m	
	Capture Speed Maximum	60km/h	
Wireless Network	WLAN	802.11n/802.11b/802.11g	
	Cellular	4G LTE NA: B2/B4/B5/B12/B13/B25/B26 EU: B1/B3/B7/B8/B20/B28 AU: B1/B2/B3/B4/B5/B7/B8/B28/B66	
	SIM Card	Mini SIM	
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	
	Day/Night Mode	Day/Night/Auto	
Lens	Lens	6mm	
	Field of View	H52.8°/D60.4°/V29.7°	
Image	Max. Resolution	1920×1080	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
General	GPS		Built-in High-accuracy GPS Module
	Radar Working Frequency		24GHz
	Protocol		MQTT
	Storage		Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Solar Power	Power	≥35W
		OCV	<22V
		Connector	MC4
	Direct & Battery Power	Power Supply	USB Type-C
		Battery	Single Cell Battery: 3.6V, 3200mAh, 10.24Wh Total: 7.2V, 6400mAh, 46.08Wh
		Battery Life	The power is 70% after 500 times of accumulative charging and discharging
	Power Consumption		0.33W Normal (Detection Status) 1.35W Normal (Capture Status) 11W MAX (Night Capture Status)
	Weather Proof		IP66
	Operational Temperature		-20°C~-60°C
	Weight		612g, 790g (With the Battery)
	Rain Cover Movement Distance		10mm
	Dimensions		175mmX111mmX56.7mm(Without Rain Cover)
	Warranty		2 Years

AI

Intelligent Traffic Series

Entrance & Exit Management

- Advanced AI LPR Algorithm
- Supplement Light for Better Image
- Excellent Capture Performance
- Plate Management & Search
- Evidence Camera Linkage
- Wiegand Protocol Supported
- Extensive Compatibility
- Maximized Flexibility

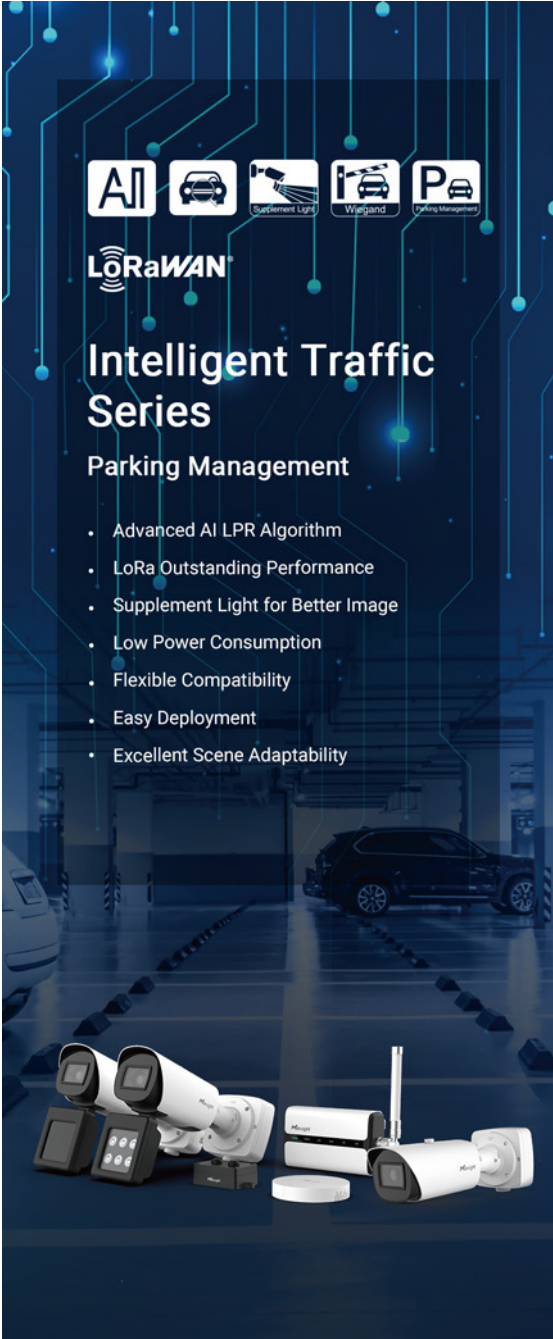


ENTRANCE & EXIT MANAGEMENT

Entrance & Exit AI LPR Bullet Camera			
Entrance & Exit AI LPR Pro Dome Camera			
	Model	MS-C2964-RFLPC(2MP)	MS-C2972-RFLPC(2MP)
Camera	Appearance		
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	
	WDR	140dB Super WDR	
	Lens	Motorized 2.7~13.5mm@F1.4	
	Field of View	H111°~H34°/D130°~D39°/V60°~V19°	H115°~H34°/D135°~D39°/V62°~V19°
Entrance & Exit Management	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>98%	
	Coverage	Support simultaneous detection of 4 regions	
	Country/Region Supported	More than 80 countries and regions	
	Illumination Distance	Up to 20m	
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture	
	Smart Traffic Function	Evidence Camera Linkage	
	White/Black List	Up to 1000 records inside the camera	
	LPR Smart Search	Support	
Interface	Interface	PoE (802.3af), DC 12V; Audio I/O, Alarm I/O, PoE (802.3af), DC 12V (Multi-interface Version)	Built-in Microphone and 1 Audio Output Interface, Alarm I/O, PoE (802.3af), DC 12V
Video	Max. Image Resolution	60fps@(1920x1080)	
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG	
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR	
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression	G.711/AAC/G.722/G.726	
System	Compatibility	API, HTTP, TCP, ONVIF Profile G & Q & S & T	
	Storage	microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
	Event Trigger	Black/White List, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
General	Working Temperature /Humidity	-40°C~-60°C/0~95%(Non-condensing)	
	Power Supply	PoE (802.3af) / DC 12V±10%	
	Housing	IP67/IK10	
	Dimensions/Weight	Φ76mmX239.5mm/825g	Φ143mmX108.4mm/1100g



Entrance & Exit Supplement Light AI LPR Pro Bullet Plus Camera			
	Model	MS-C2966-RFLWPC /W (2MP)	MS-C2966-RFLWPC /R (2MP)
Camera	Appearance		
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	
	WDR	140dB Super WDR	
	Lens	Motorized 2.7~13.5mm@F1.4	
	Field of View	H113°~H33°/D130°~D38°/V60°~V18°	
Entrance & Exit Management	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>98%	
	Coverage	Support simultaneous detection of 4 regions	
	Country/Region Supported	More than 80 countries and regions	
	Illumination Distance	Up to 20m	
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture	
	Smart Traffic Function	Evidence Camera Linkage	
	White/Black List	Up to 1000 records inside the camera	
	LPR Smart Search	Support	
Illuminator	Supplement Light	White LED Light	IR LED Light
	Light Bead	6 (For White LED Light)	9 (For IR LED Light)
	Light Control	Auto/Always On/Off/Customize	
Interface	Interface	Wiegand Interface, Audio I/O, Alarm I/O, PoE (802.3at), DC 12V	
Video	Max. Image Resolution	60fps@(1920x1080)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR	
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression	G.711/AAC/G.722/G.726	
System	Compatibility	API, HTTP, TCP, Wiegand Protocol, ONVIF Profile G & Q & S & T	
	Storage	microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
	Event Trigger	Black/White List, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
General	Working Temperature /Humidity	-40°C~60°C/0~95%(Non-condensing)	
	Power Supply	PoE (802.3af) / DC 12V±10%	
	Housing	IP67	
	Dimensions/Weight	320mmX134mmX126mm/1630g 320mmX134mmX231mm/2075g (With Supplement Light)	



AI Outdoor Parking Management Pro Bullet Plus Camera		
	Model	PMC8266-FPC(4K)
Camera	Appearance	 
	Image Sensor	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.009Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR
	Lens	Motorized 3.6~10mm@F1.4
	Field of View	H116°~H48°/D134°~D55°/V65°~V27°
	IR Distance	Up to 65m
Parking Space Management	Parking Space Detection	Up to 100 Parking Spaces@10m
	Detection Accuracy	>98%
	Data Report	Triggered Report: when parking space is occupied or released; Interval Report: regular report of entire parking situation
	Mounting Height	>3.5m
Video	Max. Image Resolution	30fps@(3840x2160)
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)
Interface	Interface	Audio I/O, Alarm I/O, PoE (802.3at), DC 12V
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
Audio	Audio Compression	G.711/AAC/G.722/G.726
System	Compatibility	API, HTTP, TCP, ONVIF Profile G & Q & S & T
	Storage	microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.
General	Working Temperature /Humidity	-40°C~60°C/0~95%(Non-condensing)
	Power Supply	PoE (802.3af) / DC 12V±10%
	Housing	IP67/IK10
	Dimensions/Weight	301mmX108mmX126mm/1630g

Entrance & Exit Supplement Light AI LPR Pro Bullet Plus Camera			
	Model	MS-C2966-RFLWPC /W (2MP)	MS-C2966-RFLWPC /R (2MP)
Camera	Appearance		
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	
	WDR	140dB Super WDR	
	Lens	Motorized 2.7~13.5mm@F1.4	
	Field of View	H113°~H33°/D130°~D38°/V60°~V18°	
Entrance & Exit Management	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>98%	
	Coverage	Support simultaneous detection of 4 regions	
	Country/Region Supported	More than 80 countries and regions	
	Illumination Distance	Up to 20m	
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture	
	Smart Traffic Function	Evidence Camera Linkage	
	White/Black List	Up to 1000 records inside the camera	
Illuminator	LPR Smart Search	Support	
	Supplement Light	White LED Light	IR LED Light
	Light Bead	6 (For White LED Light)	9 (For IR LED Light)
	Light Control	Auto/Always On/Off/Customize	
Interface	Interface	Wiegand Interface, Audio I/O, Alarm I/O, PoE (802.3at), DC 12V	
Video	Max. Image Resolution	60fps@(1920x1080)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR	
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Audio	Audio Compression	G.711/AAC/G.722/G.726	
System	Compatibility	API, HTTP, TCP, Wiegand Protocol, ONVIF Profile G & Q & S & T	
	Storage	microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
	Event Trigger	Black/White List, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
General	Working Temperature /Humidity	-40°C~60°C/0~95%(Non-condensing)	
	Power Supply	PoE (802.3af) / DC 12V±10%	
	Housing	IP67	
	Dimensions/Weight	320mmX134mmX126mm/1630g 320mmX134mmX231mm/2075g (With Supplement Light)	

		Semi-Industrial LoRaWAN® Gateway	Mini LoRaWAN® Gateway
	Model	UG65	UG63
Appearance	Appearance		
Hardware System	CPU	Quad-core 1.5 GHz, 64-bit ARM Cortex-A53	528 MHz, ARM Cortex-A7
	Memory	512 MB DDR4 RAM	256 MB DDR4 RAM
	Flash	8 GB eMMC	4 GB eMMC
LoRaWAN®	Antenna	2 x Internal Antennas (Optional: 1 x 50 Ω N-Female External Connector)	2 x Internal Antennas
	Channel	8 (Half/Full-duplex)	
	Frequency Ban	CN470/IN865/EU868/RU864/US915/AU915/KR920/AS923-1&2&3&4	
	Sensitivity	-140dBm Sensitivity @292bps	
	Output Power	27dBm Max	
	Protocol	V1.0 Class A/Class B/Class C and V1.0.2 Class A/Class B/Class C	
Ethernet Interface	Port	1 × RJ45 (PoE PD supported)	
	Physical Layer	10/100/1000 Base -T (IEEE 802.3)	
	Data Rate	10/100/1000 Mbps (Auto-Sensing)	10/100Mbps (Auto-Sensing)
Wi-Fi Interface	Standards	IEEE 802.11 b/g/n, 2.4GHz	
	Mode	AP or Client mode	Full or Half Duplex (Auto-Sensing)
Power Supply and Consumption	Power Input	DC Jack Connector for 9-24 VDC power supply 1 x 802.3 af PoE input	1 x 802.3af standard PoE input 5V by Type-C Port
	Power Consumption	Typical 2.9 W, Max 4.2 W	Max 3.3 W
Cellular Interface (Optional)	Antenna	Internal Antenna	-
	SIM Slot	1 (mini SIM-2FF)	-
Ingress Protection	Ingress Protection	IP65	IP30
Ethernet Isolation	Ethernet Isolation	1.5 kV RMS	
		LoRaWAN® Ultrasonic Distance/Level Sensor	
	Model	EM310-UDL	
Appearance	Appearance		
Wireless Transmission	Technology	LoRaWAN®	
	Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923	
	TxPower	16 dBm (868 MHz)/22 dBm (915 MHz)/19 dBm (470 MHz)	
Measurement	Sensitivity	-137 dBm@300bps	
	Mode	OTAA/ABP Class A	
	Detection Range	3 – 450 cm	
	Detection Accuracy	± (1+0.3%*S) cm, S=distance	
	Distance Resolution	1 mm	
Configuration	Configuration	NFC Configuration via Mobile App	
Power Supply	Power Supply	2 x 3500 mAh ER17505 Li-SOCI2 battery	
Battery Life	Battery Life	Up to 10 years (10 min interval + 20 triggers per day)	
Ingress Protection	Ingress Protection	IP67	



COLOR* SERIES
5G SERIES
MINI SERIES
PRO SERIES
PTZ SERIES
PANORAMIC SERIES
TRAFFIC SERIES
POE NVR SERIES
NVR SERIES
POE SWITCH
SOFTWARE
ACCESSORIES

3D ToF People Counting Sensor		
	Model	VS132-915M/868M
Appearance	Appearance	  
Wireless Transmission	Protocol	LoRaWAN®
	Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923-1&2&3&4
	Max Tx Power	16 dBm (868 MHz)/22 dBm (915 MHz)/19 dBm (470 MHz)
	Sensitivity	-137 dBm @300bps
	Mode	OTAA/ABP Class C
People Counting	ToF FoV	92.5° Horizontal, 67° Vertical
	Detection Range	0.5 to 3m
	Installation Height	≤ 3m
	Accuracy	>99.5%
	Local Storage	1, 000, 000 data records
	Advanced Setting	Entrance and exit area customization
Interface	Wi-Fi	IEEE 802.11 b/g/n, 2.4GHz, only support configuration
	Ethernet Port	1×RJ45 10/100 Mbps Ethernet Port (PoE PD), provides CGI for integration
	Power Input	2-pin 5.08 mm Terminal Block
Physical Characteristics	Power Supply	12 VDC, 2A by Terminal Block 1×802.3 at PoE input
	Power Consumption	Typical 7.5 W, max 28 W
	Operating Temperature	-10°C ~ +60°C
	Storage Temperature	-20°C ~ +60°C
	Relative Humidity	0 ~ 95% (Non-condensing)
	Color & Material	Black, Aluminum Alloy
	Dimension/Weight	140x50 x 50 mm (5.51 x1.97x 1.97 in)/296 g
	Installation	Ceiling Mounting, Wall Mounting, Embedded Mounting

NETWORK VIDEO RECORDER



▶ AI Network Camera

▼ NVR

4K H.265 PoE NVR Series --- 46

4K H.265 Pro NVR Series ----- 49

▶ PoE Switch

▶ Software

NDAA

SNDAA

PoE

PoE

H.265

HEVC

4K

4K

S

T

ONVIF

ONVIF S&T

ONVIF S&T

Transcoding

Transcoding

Dual Stream

Dual Stream

RAID

RAID

N+1

Hot Spare

N+1 Hot Spare

N+1 Hot Spare

ANR

ANR

ANPR

ANPR

VCA

VCA

Online Upgrade

Online Upgrade

Mobile Connection

Mobile Connection

HTML5

HTML5

4K PoE NVR Series

Up to 24*PoE Plug and Play

Up to 4*10TB Storage

Up to 48-CH Video Input

Up to 4K Decoding Performance

Multi-screen Output

ANR/RAID/N+1 Hot Spare

Storage Quota

Dual Stream Recording

HTML5 H.265 Streaming

Transcoding

POS Integration

Online Upgrade

Smart VCA Management

Enterprise ANPR Management

Smart People Counting Analytics

Intelligent Face Detection Management

Versatile Interfaces

4K H.265 PoE NVR SERIES		Mini PoE NVR 1000 Series		
	Model	MS-N1004-UPC	MS-N1008-UPC	MS-N1008-UNPC
	Appearance	 220(W)X200(D)X43.6(H)mm/0.2Kg	 220(W)X200(D)X43.6(H)mm/0.2Kg	 115(W)X115(D)X180(H)mm/1.5Kg
Video/Audio Input	Network Video Input	4-CH/4*PoE Ports		8-CH/4*PoE Ports
	Incoming/Outcoming Bandwidth	40Mbps/40Mbps		80Mbps/80Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60H, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output		
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF		
	Synchronous Playback	1*(30fps @8MP), 1*(30fps @6MP), 1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps @1080P), 4*(30fps @720P)		1*(30fps @8MP), 1*(30fps @6MP),1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps@1080P), 8*(30fps @720P)
Video/Audio Compression	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264		
	Audio Compression	G.711/AAC/G.722/G.726		
	Sample Rate	8KHz/16KHz		
Storage	SATA	1*SATA HDD(3.5")		
	Capacity	Up to 10TB capacity for each HDD		
	ANR	Support		
	N+1 Hot Spare	—		
Recording Management	Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)		
	Playback Type	General Playback, Event Playback, Tag Playback, Split Playback, Picture Playback		
Backup	Backup	Video Backup, Image Backup		
Network	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS		
External Interface	Network Interface	1*RJ45 10/100Mbps		1*RJ45 10/100/1000Mbps
	USB Interface	2*USB 2.0		
PoE Interface	Interface	4*RJ45 10/100Mbps		
	Power Output	≤40W		
	Supported Standard	IEEE 802.3af/at		
General	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed		
	Power Supply	DC 48V 1.3A		DC 48V 1.25A
	Consumption	≤3.5W(Without HDD, without enabling PoE)		≤4.4W(Without HDD, without enabling PoE)
	Working Conditions	Temperature: -10°C~55°C/Humidity: 10%~90%		

		PoE NVR 5000 Series		
	Model	MS-N5008-UPC	MS-N5008-PE	MS-N5016-PE
	Appearance	 380mm(W)X317.6mm(D)X51.8mm(H)/2.6Kg Rack Mountable Chassis (1.0U Standard)	 380mm(W)X317.6mm(D)X51.8mm(H)/2.6Kg Rack Mountable Chassis (1.0U Standard)	 380mm(W)X317.6mm(D)X51.8mm(H)/2.7Kg Rack Mountable Chassis(1.0U Standard)
Video/Audio Input	Network Video Input	8-CH/8*PoE Ports		16-CH/16*PoE Ports
	Incoming/Outcoming Bandwidth	80Mbps/80Mbps	80Mbps/50Mbps	
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output		
	VGA Output	1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz		
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF		
	Synchronous Playback	1*(30fps @8MP), 1*(30fps @6MP),1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps@1080P), 8*(30fps @720P)	1*(30fps @8MP), 2*(30fps @6MP), 2*(30fps @5MP), 3*(30fps @4MP),4*(30fps @3MP), 6*(30fps @1080P), 8*(30fps @720P)	1*(30fps @8MP), 2*(30fps @6MP), 2*(30fps @5MP), 3*(30fps @4MP), 4*(30fps @3MP), 6*(30fps @1080P), 12*(30fps @720P)
Video/Audio Compression	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264		
	Audio Compression	G.711/AAC/G.722/G.726		
	Sample Rate	8KHz/16KHz		
Storage	SATA	2*SATA HDD(3.5")		
	Capacity	Up to 10TB capacity for each HDD		
	ANR	Support		
	N+1 Hot Spare	-		
Disk Array	Array Type	-		
Recording Management	Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)		
	Playback	General Playback, Event Playback, Tag Playback, Split Playback, Picture Playback		
Backup	Backup	Video Backup, Image Backup		
Network	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS		
External Interface	Network Interface	1*RJ45 10/100/1000Mbps		
	USB Interface	2*USB 2.0		
	Audio Input/Output	1*RCA/1*RCA		
	Alarm Input/Output	4-CH/1-CH		
PoE Interface	Interface	8*RJ45 10/100Mbps	16*RJ45 10/100Mbps	
	Power Output	≤120W	≤200W	
	Supported Standard	IEEE 802.3af/at		
General	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed		
	Power Supply	AC 100V~240V 50Hz~60Hz		
	Consumption	≤9W(Without HDD, without enabling PoE)	≤8.5W(Without HDD, without enabling PoE)	
	Working Conditions	Temperature: -10°C~55°C/Humidity: 10%~90%		

		PoE NVR 7000 Series		
	Model	MS-N7016-UPH	MS-N7032-UPH	MS-N7048-UPH
	Appearance	 Rack Mountable Chassis (1.5U Standard) 440mm(W)X320mm(D)X66.8mm(H)/5.0Kg	 Rack Mountable Chassis (1.5U Standard) 440mm(W)X390mm(D)X66.75mm(H)/4.89Kg	 Rack Mountable Chassis (1.5U Standard) 440mm(W)X390mm(D)X66.75mm(H)/4.89Kg
Video/Audio Input	Network Video Input	16-CH/16*PoE Ports	32-CH/24*PoE Ports	48-CH/24*PoE Ports
	Incoming/Outcoming Bandwidth	160Mbps/ 160Mbps	256Mbps or 200Mbps(When RAID is enabled) /256Mbps or 200Mbps(When RAID is enabled)	320Mbps or 200Mbps(When RAID is enabled) /256Mbps or 200Mbps(When RAID is enabled)
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/60Hz, 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz,1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output		
	VGA Output	1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz		
	Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF		
	Synchronous Playback	4*(30fps @8MP), 5*(30fps @6MP), 6*(30fps @5MP), 8*(30fps @4MP), 10*(30fps @3MP), 16*(30fps @1080P), 16*(30fps @720P)	4*(30fps @8MP), 5*(30fps @6MP), 6*(30fps @5MP), 8*(30fps @4MP), 10*(30fps @3MP), 16*(30fps @1080P), 32*(30fps @720P)	
Video/Audio Compression	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264		
	Audio Compression	G.711/AAC/G.722/G.726		
	Sample Rate	8KHz/16KHz		
Storage	SATA	4*SATA HDD(3.5")		
	Capacity	Up to 10TB capacity for each HDD		
	ANR	Support		
	N+1 Hot Spare	-		
Recording Management	Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)		
	Playback Type	General Playback, Event Playback, Tag Playback, Split Playback, Picture Playback		
Backup	Backup	Video Backup, Image Backup		
Network	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS		
External Interface	Network Interface	1*RJ45 10/100/1000Mbps		
	USB Interface	1*USB 3.0; 2*USB 2.0		
PoE Interface	Interface	16*RJ45 10M/100M	24*RJ45 10/100Mbps	
	Power Output	≤200W		
	Supported Standard	IEEE 802.3af/at		
General	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed		
	Power Supply	AC 100V~240V 50Hz~60Hz		
	Consumption	≤20W(Without HDD, without enabling PoE)	≤18W(Without HDD, without enabling PoE)	
	Working Conditions	Temperature: -10°C~55°C/Humidity: 10%~90%		



4K NVR Series

- Up to 8*10TB Storage
- Up to 64-CH Video Input
- Up to 4K Decoding Performance
- Multi-screen Output
- Dual Lan Giga Network Ports
- ANR/RAID/N+1 Hot Spare
- Storage Quota
- Dual Stream Recording
- Transcoding
- HTML5 H.265 Streaming
- POS Integration
- Online Upgrade
- Smart VCA Management
- Enterprise ANPR Management
- Smart People Counting Analytics
- Intelligent Face Detection Management
- Versatile Interfaces



4K H.265 NVR SERIES

		Mini NVR 1000 Series		
	Model	MS-N1004-UC	MS-N1008-UC	MS-N1008-UNC
	Appearance	 220mm(W)X200mm(D)X43.6mm(H)/0.2Kg	 220mm(W)X200mm(D)X43.6mm(H)/0.2Kg	 80mm(W)X80mm(D)X120mm(H)/0.85Kg
Video/Audio Input	Network Video Input	4-CH	8-CH	
	Incoming/Outcoming Bandwidth	40Mbps/40Mbps	80Mbps/80Mbps	
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output		
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF		
	Synchronous Playback	1*(30fps @8MP), 1*(30fps @6MP), 1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps @1080P), 4*(30fps @720P)	1*(30fps @8MP), 1*(30fps @6MP), 1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps @1080P), 8*(30fps @720P)	
Video/Audio Compression	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264		
	Audio Compression	G.711/AAC/G.722/G.726		
	Sample Rate	8KHz/16KHz		
Storage	SATA	1*SATA HDD(3.5")		2*SATA HDD(2.5")
	Capacity	Up to 10TB capacity for each HDD		Up to 2TB capacity for each HDD
	ANR	Support		
	N+1 Hot Spare	-		
Recording Management	Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)		
	Playback Type	General Playback, Event Playback, Tag Playback, Split Playback, Picture Playback		
Backup	Backup	Video Backup, Image Backup		
Network	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS		
External Interface	Network Interface	1*RJ45 10/100Mbps		1*RJ45 10/100/1000Mbps
	USB Interface	2*USB 2.0		
General	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed		
	Power Supply	DC 12V 2A		DC 12V 1.5A
	Consumption	≤2.3W(Without HDD)		≤4.1W(Without HDD)
	Working Conditions	Temperature: -10°C~55°C/Humidity: 10%~90%		

4K H.265 NVR SERIES

Pro NVR 5000 Series				
	Model	MS-N5008-UC	MS-N5008-E	MS-N5016-E
	Appearance	 380mm(W)X317.6mm(D)X51.8mm(H)/1.9Kg Rack Mountable Chassis (1.0U Standard)	 380mm(W)X317.6mm(D)X51.8mm(H)/1.9Kg Rack Mountable Chassis (1.0U Standard)	 380mm(W)X317.6mm(D)X51.8mm(H)/1.9Kg Rack Mountable Chassis (1.0U Standard)
Video/Audio Input	Network Video Input	8-CH		16-CH
	Incoming/Outcoming Bandwidth	80Mbps/80Mbps		80Mbps/50Mbps
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output		
	VGA Output	1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz		
	Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CiF/QCiF		
	Synchronous Playback	1*(30fps @8MP), 1*(30fps @6MP), 1*(30fps @5MP), 2*(30fps @4MP), 2*(30fps @3MP), 4*(30fps @1080P), 8*(30fps @720P)	1*(30fps @8MP), 2*(30fps @6MP), 2*(30fps @5MP), 3*(30fps @4MP), 4*(30fps @3MP), 6*(30fps @1080P), 8*(30fps @720P)	1*(30fps @8MP), 2*(30fps @6MP), 2*(30fps @5MP), 3*(30fps @4MP), 4*(30fps @3MP), 6*(30fps @1080P), 12*(30fps @720P)
Video/Audio Compression	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264		
	Audio Compression	G.711/AAC/G.722/G.726		
	Sample Rate	8KHz/16KHz		
Storage	SATA	2*SATA HDD(3.5")		
	Capacity	Up to 10TB capacity for each HDD		
	ANR	Support		
	N+1 Hot Spare	-		
Disk Array	Array Type	-		
Recording Management	Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)		
	Playback	General Playback, Event Playback, Tag Playback, Split Playback, Picture Playback		
Backup	Backup	Video Backup, Image Backup		
Network	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS		
External Interface	Network Interface	1*RJ45 10/100/1000Mbps		
	USB Interface	2*USB 2.0		
	Audio Input/Output	1*RCA/1*RCA		
	Alarm Input/Output	4-CH/1-CH		
General	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed		
	Power Supply	DC 12V 50Hz~60Hz		
	Consumption	≤3W(Without HDD)		≤4W(Without HDD)
	Working Conditions	Temperature: -10°C~55°C/Humidity: 10%~90%		

		Pro NVR 7000 Series		Pro NVR 8000 Series	
	Model	MS-N7016-UH	MS-N7032-UH	MS-N8032-UH	MS-N8064-UH
	Appearance	 440(W)X320(D)X66.8(H)mm/4.1Kg Rack Mountable Chassis(1.5U Standard)	 440(W)X320(D)X66.8(H)mm/4.1Kg Rack Mountable Chassis(1.5U Standard)	 440(W)X420(D)X88.2(H)mm/6.0Kg Rack Mountable Chassis(2.0U Standard)	 440(W)X420(D)X88.2(H)mm/6.0Kg Rack Mountable Chassis(2.0U Standard)
Video/Audio Input	Network Video Input	16-CH	32-CH	32-CH	64-CH
	Incoming/Outcoming Bandwidth	160Mbps/160Mbps	256Mbps or 200Mbps(When RAID is enabled) /256Mbps or 200Mbps(When RAID is enabled)	256Mbps or 200Mbps(when RAID is enabled) /256Mbps or 200Mbps(when RAID is enabled)	320Mbps or 200Mbps(when RAID is enabled) /256Mbps or 200Mbps(when RAID is enabled)
Video/Audio Output	HDMI Output	1-CH, Resolution: 3840x2160/60Hz, 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz, HDMI Supports Audio Output		2-CH, Resolution: 3840x2160/60Hz(HDMI1 Only), 3840x2160/30Hz(HDMI1 Only), 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz,1280x720/60Hz, 1024x768/60Hz HDMI Supports Audio Output	
	VGA Output	1-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz		2-CH, Resolution: 1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
	Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF			
	Synchronous Playback	4*(30fps@8MP), 5*(30fps@6MP), 6*(30fps@5MP), 8*(30fps@4MP), 10*(30fps@3MP), 16*(30fps@1080P), 16*(30fps@720P)	4*(30fps@8MP), 5*(30fps@6MP), 6*(30fps@5MP), 8*(30fps@4MP), 10*(30fps@3MP), 16*(30fps@1080P), 32*(30fps@720P)	4*(30fps@8MP), 5*(30fps@6MP), 6*(30fps@5MP), 8*(30fps@4MP), 10*(30fps@3MP), 16*(30fps@1080P), 32*(30fps@720P)	4*(30fps@8MP), 5*(30fps@6MP), 6*(30fps@5MP), 8*(30fps@4MP), 10*(30fps@3MP), 16*(30fps@1080P), 32*(30fps@720P), 64*(30fps@D1)
Video/Audio Compression	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264			
	Audio Compression	G.711/AAC/G.722/G.726			
	Sample Rate	8KHz/16KHz			
Storage	SATA	4*SATA HDD(3.5")		8*SATA HDD (3.5")	
	eSATA	-		1*eSATA	
	Capacity	Up to 10TB capacity for each HDD			
	ANR	Support			
	N+1 Hot Spare	Support			
Disk Array	Array Type	RAID0, RAID1, RAID5, RAID6, RAID10			
Recording Management	Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)			
	Playback	Video Playback, Image Playback			
Backup	Backup	Video Backup, Image Backup			
Network	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, NTP, SNTP, SMTP, SNMP, UPnP, NFS			
External Interface	Network Interface	2*RJ45 10/100/1000Mbps			
	USB Interface	1*USB 3.0; 2*USB 2.0			
	Audio Input/Output	1*RCA/1*RCA		1*RCA/2*RCA	
	Alarm Input/Output	16-CH/4-CH			
General	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed			
	Power Supply	AC 100V~240V 50Hz~60Hz			
	Consumption	≤15W(Without HDD)		≤35W(Without HDD)	
	Working Conditions	Temperature: -10°C~55°C/Humidity: 10%~90%			

- ▶ AI Network Camera
- ▶ NVR
- ▼ PoE Switch
 - 4/8/16/24-Port PoE Switch --- 53
- ▶ Software



PoE SWITCH			
	PoE Switch		
Model	MS-S0204-EL	MS-S0208-EL	MS-S0208-GL
Appearance			
Ports	4X10/100Mbps PoE ports (RJ45) + 2X100Mbps uplink ports	8X10/100Mbps PoE ports (RJ45) + 2X100Mbps uplink ports	8X10/100Mbps PoE ports (RJ45) + 2X1000Mbps uplink ports
Standard	IEEE802.3 10Base-T IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3x	IEEE802.3 10Base-T IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3x	IEEE802.3 10Base-T IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3x
Switching Capacity	1.6Gbps (non-blocking)	2Gbps (non-blocking)	11.8Gbps (non-blocking)
Packet Forwarding Rate@64byte	0.89Mpps	1.488Mpps	4.17Mpps
Packet Forwarding Cache	768K	1.25M	2M
MAC	1K	2K	
Power Supply	Built-in switching power supply AC 100~240V, 50-60Hz, 1A	Built-in switching power supply AC 100~240V, 50-60Hz, 2.2A	
PoE Standard	IEEE802.3af/at	IEEE802.3af/at	
Max. PoE Power	Max. capacity: 65W Max. capacity for single port: 30W	Max. capacity: 120W Max. capacity for single port: 30W	
Functional Switch	Standard Mode: Port 1~6: 10/100Mbps auto-sensing@100 meters Extend Mode: Port 1~4: 10Mbps@250 meters & Port 5~6: 100Mbps@100 meters Note: When the switch status changes, PoE switch must be restarted for the switch function to take effect.	Standard Mode: Port 1~10: 10/100Mbps auto-sensing@100 meters Extend Mode: Port 1~8: 10Mbps@250 meters & Port 9~10: 100Mbps@100 meters Note: When the switch status changes, PoE switch must be restarted for the switch function to take effect.	Standard Mode: Port 1~8: 10/100Mbps auto-sensing@100 meters & Port 9~10: 1000Mbps@100 meters Extend Mode: Port 1~8: 10Mbps @250 meters & Port 9~10: 1000Mbps @100 meters Note: When the switch status changes, PoE switch must be restarted for the switch function to take effect.
Indicator	Power Indicator: PWR (green) Network Indicator: Link (yellow) PoE Working Indicator: PoE (green) Functional Switch Indicator: EXTEND (green)	Power Indicator: PWR (green) Network Indicator: Link (yellow) PoE Working Indicator: PoE (green) Functional Switch Indicator: EXTEND (green)	
Cooling Fan	—	—	
Operating Temperature	-20°C~55°C	-20°C~55°C	
Storage Temperature	-40°C~75°C	-40°C~75°C	
Operating/Storage Humidity	10%~90%RH (non-condensing)	10%~90%RH (non-condensing)	
Lightning Protection/Protection Level	Port lightning protection: 4KV 8/20us Protection level: IP30	Port lightning protection: 4KV 8/20us Protection level: IP30	
Dimensions	142.5mm(W)X115mm(D)X40mm(H)	195mm(W)X130mm(D)X40mm(H)	
Weight	0.5kg	0.7kg	
Installation Method	Desktop Mounted Type, Wall Mounted Type		Desktop Mounted Type, Wall Mounted Type



PoE SWITCH				
	PoE Switch			
Model	MS-S0216-GL	MS-S0416-GF	MS-S0224-GL	MS-S0424-GF
Appearance				
Ports	16X10/100Mbps PoE ports (RJ45) + 2X 1000Mbps uplink ports	16X10/100Mbps PoE ports (RJ45) + 2X1000Mbps uplink ports + 2X1000Mbps SFP ports	24X10/100Mbps PoE ports (RJ45) + 2X1000Mbps uplink ports	24X10/100Mbps PoE ports (RJ45) + 2X1000Mbps uplink ports + 2X1000Mbps SFP ports
Standard	IEEE802.3 10Base-T IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3x	IEEE802.3 10Base-T IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-T IEEE802.3x	IEEE802.3 10Base-T IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3x	IEEE802.3 10Base-T IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-T IEEE802.3x
Switching Capacity	14.8Gbps (non-blocking)		14.8Gbps (non-blocking)	
Packet Forwarding Rate@64byte	5.36Mpps		6.55Mpp	
Packet Forwarding Cache	4M		4M	
MAC	16K		16K	
Power Supply	Built-in switching power supply AC 100~240V, 50-60Hz, 2.5A	Built-in switching power supply AC 100~240V, 50-60Hz, 2.5A	Built-in switching power supply AC 100~240V, 50-60Hz, 5A	
PoE Standard	IEEE802.3af/at		IEEE802.3af/at	
Max. PoE Power	Max. capacity: 200W Max. capacity for single port: 30W	Max. capacity: 250W Max. capacity for single port: 30W	Max. capacity: 400W Max. capacity for single port: 30W	
Functional Switch	Standard Mode: Port 1~16: 10/100Mbps auto-sensing @100 meters & Port 17~18: 1000Mbps@100 meters Extend Mode: Port 1~8: 10/100Mbps auto-sensing@100 meters & Port 9~16: 10Mbps@250 meters & Port 17~18: 1000Mbps@100 meters Note: When the switch status changes, PoE switch must be restarted for the switch function to take effect.	Port 1~16: 10/100Mbps auto-sensing@100 meters & Port 17~18: 1000Mbps@100 meters & Port 19~20: 1000Mbps	Standard Mode: Port 1~24: 10/100Mbps auto-sensing @100 meters & Port 25~26: 1000Mbps@100 meters Extend Mode: Port 1~16: 10/100Mbps auto-sensing@100 meters & Port 17~24: 10Mbps@250 meters & Port 25~26: 1000Mbps@100 meters Note: When the switch status changes, PoE switch must be restarted for the switch function to take effect.	Port 1~24: 10/100Mbps auto-sensing@100 meters & Port 25~26: 1000Mbps@100 meters & Port 27~28: 1000Mbps
Indicator	Power Indicator: PWR (green) Network Indicator: Link (yellow) PoE Working Indicator: PoE (green) Functional Switch Indicator: EXTEND (green)	Power Indicator: PWR (green) Network Indicator: Link (yellow) PoE Working Indicator: PoE (green)	Power Indicator: PWR (green) Network Indicator: Link (yellow) PoE Working Indicator: PoE (green) Functional Switch Indicator: EXTEND (green)	Power Indicator: PWR (green) Network Indicator: Link (yellow) PoE Working Indicator: PoE (green)
Cooling Fan	1		1	
Operating Temperature	-20°C~55°C		-20°C~55°C	
Storage Temperature	-40°C~75°C		-40°C~75°C	
Operating/Storage Humidity	10%~90%RH (non-condensing)	5%~90%RH (non-condensing)	10%~90%RH (non-condensing)	5%~90%RH (non-condensing)
Lightning Protection/Protection Level	Port lightning protection: 4KV 8/20us Protection level: IP30		Port lightning protection: 4KV 8/20us Protection level: IP30	
Dimensions	270.4mm(W)X181mm(D)X44mm(H)	440mm(W)X225mm(D)X44mm(H)	329.8mm(W)X204mm(D)X44mm(H)	440mm(W)X225mm(D)X44mm(H)
Weight	1.5kg	4.4kg	2.2kg	4.5kg
Installation Method	Desktop Mounted Type, Wall Mounted Type		Desktop Mounted Type, Wall Mounted Type	



Software



MILEIGHT SMART TOOLS

Search · Configuration · Calculation

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



MILEIGHT CMS

Live View · Playback · Electronic Map

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



MILEIGHT M-SIGHT PRO APP

H.265 & H.264 · Customized Stream Parameters · Dual Stream

iOS/Android supported

- Support Milesight Cloud Management
- Simultaneously manage Milesight network cameras and NVRs
- Support Client-side Dewarping for Fisheye Camera
- Support PTZ control and white LED control in live view
- Up to 64-CH simultaneous live view and 4-CH playback
- Add device via IP/Domain, P2P and Milesight DDNS
- Transcoding to get better playback performance
- Support Alarm Video Push notification
- One click to trigger Alarm Output
- One click to quick playback & playback with NAS, SD card files and HDD files
- Backup the captured images and recorded videos locally for monitoring
- Support up to 16X digital zoom



Milesight Cloud Management

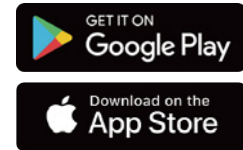
Device Binding · Device Management · Grouping

- Support binding the devices with the cloud accounts via Milesight Cloud
- Device Management and Account Management
- Support sharing the devices with another cloud account
- Support for devices grouping and playing devices by group
- Support Device Transfer
- Support log search

Software

Milesight VMS Enterprise

ADVANCED C/S ARCHITECTURE / LIVE VIEW / PLAYBACK / VIDEO WALL



Manage Anytime with
M-VMS Mobile



M-VMS Mobile

Why Milesight VMS Enterprise



Intelligence

- Integrate AI Analytics of IPC and AI Box
- Server-based AI and ANPR Algorithm
- Various AI-related Applications for Human Behavior, Perimeter, Face Detection and so on



Excellent Reliability

- N+M Failover
- Priority Backup of Appointed Cameras
- Lock of Important Video
- Real-Time Monitoring of Running Status



Tailor-made Service Supported

- Tailor-made for Customer-Specific Projects
- Customizable Functions
- Adoption of Specified Protocol
- Brand Customized VMS Software



High-level Security

- Customize Roles' Privileges
- Encipherment Password Protection
- Encrypted Video Files



Great Flexibility

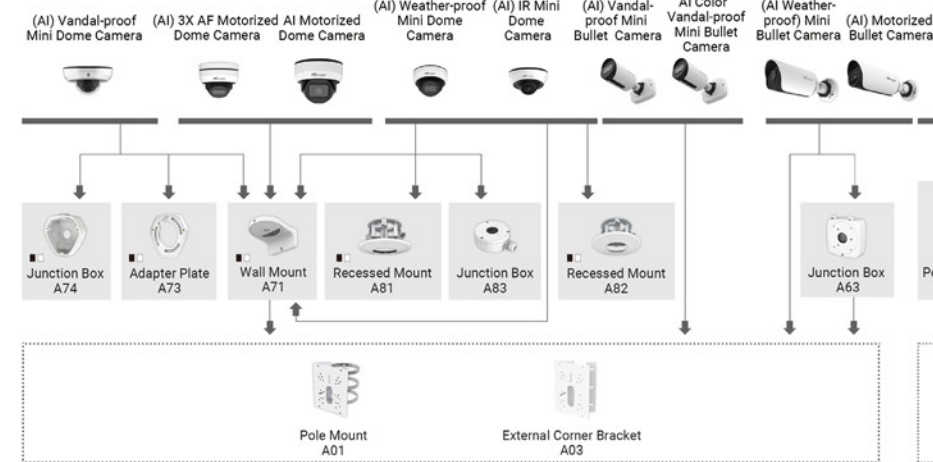
- Self-adaptive Layout
- Custom Event Rule Settings
- Multi-Disk Recording



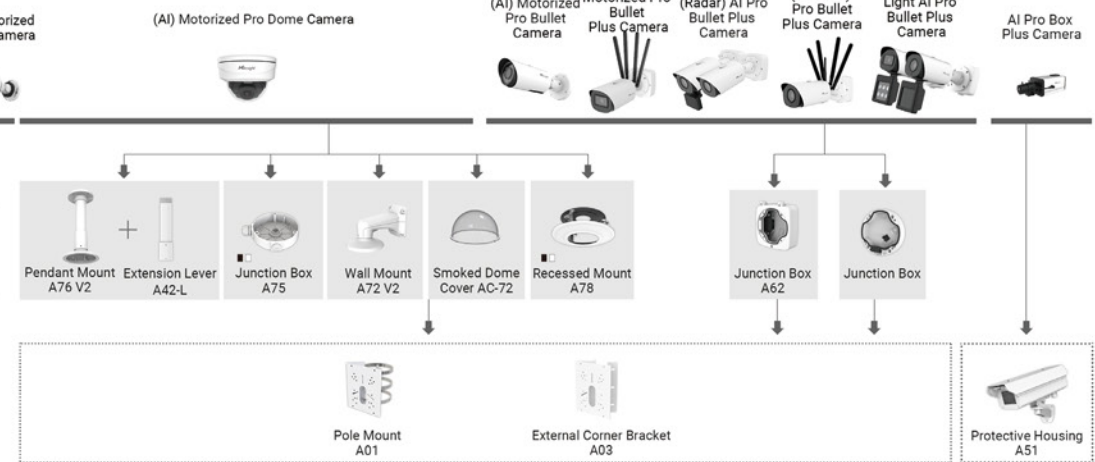
User-friendliness

- Easy to Install & Fast to Use
- Human-centred Interface Design
- Customer-oriented Usability Improvements

MINI SERIES



PRO SERIES

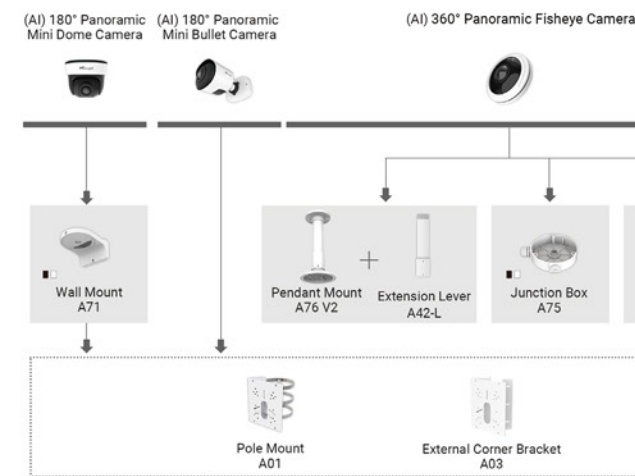


Milesight

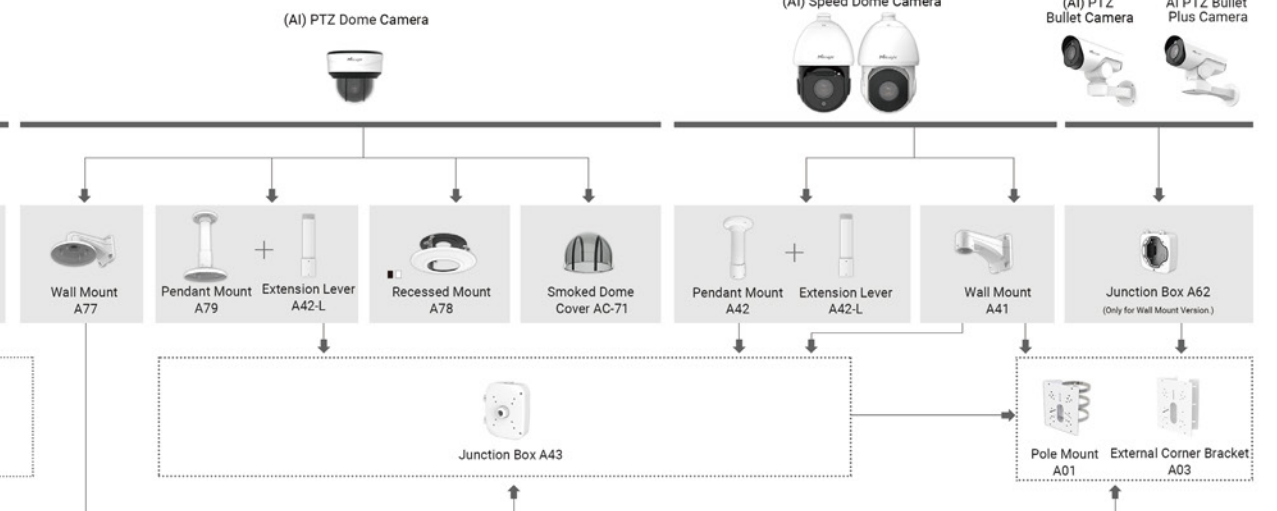
ACCESSORIES MAP

V7.3

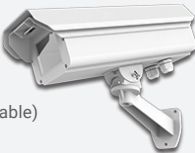
PANORAMIC SERIES



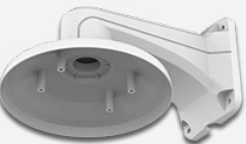
PTZ SERIES



Accessories

A01 Pole Mount Weight: 720g Dimension: 170*51.5*152.6mm Applicable Model: (AI) Weather-proof Mini Bullet, (AI) Vandal-proof Mini Bullet, (AI) Vandal-proof Motorized Mini Bullet, AI PTZ Bullet Plus, AI Color + Vandal-proof Mini Bullet (AI) 180° Panoramic Mini Bullet & Dome, A41, A43, A62, A63, A71, A72, A77 	A03 External Corner Bracket Weight: 900g Dimension: 170*152.5*76.3mm Applicable Model: (AI) Weather-proof Mini Bullet, (AI) Vandal-proof Mini Bullet, (AI) Vandal-proof Motorized Mini Bullet, AI PTZ Bullet Plus, AI Color + Vandal-proof Mini Bullet (AI) 180° Panoramic Mini Bullet & Dome A41, A62, A63, A71, A72, A77 	A41 Wall Mount Weight: 400g Dimension: 200*129*100mm Applicable Model: (AI) Speed Dome 	A42 Pendant Mount Weight: 650g Dimension: Φ116.5*255mm Applicable Model: (AI) Speed Dome 
A42-L Extension Lever Weight: 325g Dimension: Φ57*255mm Applicable Model: A42, A79 	A43 Junction Box Weight: 1000g Dimension: 195*164*80mm Applicable Model: A01, A41, A42 	A51 Protective Housing Weight: 1988g Dimension: 380*150*H mm(H is adjustable) Applicable Model: Pro Box, AI Pro Box Plus 	A62 Junction Box Weight: 510g Dimension: 134*126*40mm Applicable Model: (AI) Pro Bullet, (Radar) AI Pro Bullet Plus, (5G AIoT) Pro Bullet Plus Camera AI PTZ Bullet Plus, (AI) PTZ Bullet(Only for Wall Mount Version.) Supplement Light AI LPR Pro Bullet Plus 
A63 Junction Box Weight: 620g Dimension: 134*126*40mm Applicable Model: (AI) Weather-proof Mini Bullet (AI) Vandal-proof Motorized Mini Bullet 	A71 Wall Mount Weight: 530g Dimension: 162*124*78mm Applicable Model: (AI) IR Mini Dome, (AI) Vandal-proof Mini Dome, (AI) Weather-proof Mini Dome, (AI) 3X AF Motorized Dome, AI Motorized Dome Camera, (AI) 180° Panoramic Mini Dome 	A72 V2 Wall Mount Weight: 560g Dimension: 240*160*136mm Applicable Model: (AI) Pro Dome, (AI) 360° Panoramic Fisheye 	A73 Adapter Plate Weight: 28g Dimension: 115*122.5*10mm Applicable Model: (AI) Vandal-proof Mini Dome 

Accessories

A74 Junction Box Weight: 60g Dimension: 121.5*116.5*37.2mm Applicable Model: (AI) Vandal-proof Mini Dome 	AC-71 Smoked Dome Cover Weight: 120g Dimension: Φ136.8*92.5mm Applicable Model: (AI) PTZ Dome 	AC-72 Smoked Dome Cover Weight: 39g Dimension: Φ100*56mm Applicable Model: (AI) Pro Dome 	A75 Junction Box Weight: 200g Dimension: 145*167*33.5mm Applicable Model: (AI) Pro Dome, (AI) 360° Panoramic Fisheye 
A76 V2 Pendant Mount Weight: 620g Dimension: 136*L (L is default as 300mm, also can be extended with A76-L) Applicable Model: (AI) 360° Panoramic Fisheye (AI) Pro Dome 	A76-L Extension Lever Weight: 315g Dimension: Φ34*300mm Applicable Model: A76 	A77 Wall Mount Weight: 650g Dimension: 262*185*138mm Applicable Model: (AI) PTZ Dome 	A78 Recessed Mount Weight: 715g Dimension: Φ256*94mm Applicable Model: (AI) PTZ Dome, (AI) Pro Dome 
A79 Pendant Mount Weight: 850g Dimension: Φ185*295mm Applicable Model: (AI) PTZ Dome 	A81 Recessed Mount Weight: 450g Dimension: Φ168.7*91.3mm Applicable Model: (AI) Weather-proof Mini Dome (Only for cable out version.) 	A82 Recessed Mount Weight: 475g Dimension: Φ168.7*91.3mm Installation Environment: For in-ceiling installations Applicable Model: (AI) IR Mini Dome 	A83 Junction Box Weight: 270g Dimension: Φ122*45.5mm Applicable Model: (AI) Weather-proof Mini Dome 