

▪ Better Inside, More in Sight ▪

MILESIGHT AI PRODUCT COMPARISON GUIDE

▪ Multi-Megapixel Network Camera · NVR · VMS

V3.0.1



Milesight Technology www.milesight.com
Tel: +86-592-5922772(8801) - Sales +86-592-5922772(8701) - Support
Mail: sales@milesight.com support@milesight.com

MILESIGHT USA
Tel: +1-800-561-0485
Add: 220 NE 51st Street Oakland Park, Florida 33334, USA

MILESIGHT KOREA
Tel: +82-31-990-7732
Add: 925, Anyang SK V1 Center,
LS-ro 116beon-gil, Dongan-gu, Anyang-si, Korea

MILESIGHT CHINA
Tel: +86-592-5922772
Add: Building C09, Software Park Phase III, Xiamen 361024, Fujian, China



www.milesight.com





■ **BETTER INSIDE, MORE IN SIGHT** ■



About Milesight

Founded in 2011, Milesight is a fast-growing AIoT solution provider committed to offering the value-added services and cutting-edge technologies. Based on video surveillance, Milesight expands its value proposition into IoT and communications industries, featuring Internet of Things communication, and artificial intelligence technologies as its core.

Through a worldwide network of distributors and system integrators in over 120 countries and regions, Milesight disseminates its products and services in comprehensive solutions with a hope to connect physical and digital worlds together to elevate AIoT intelligence to the next level.

Quality

Outstanding product quality and unique design

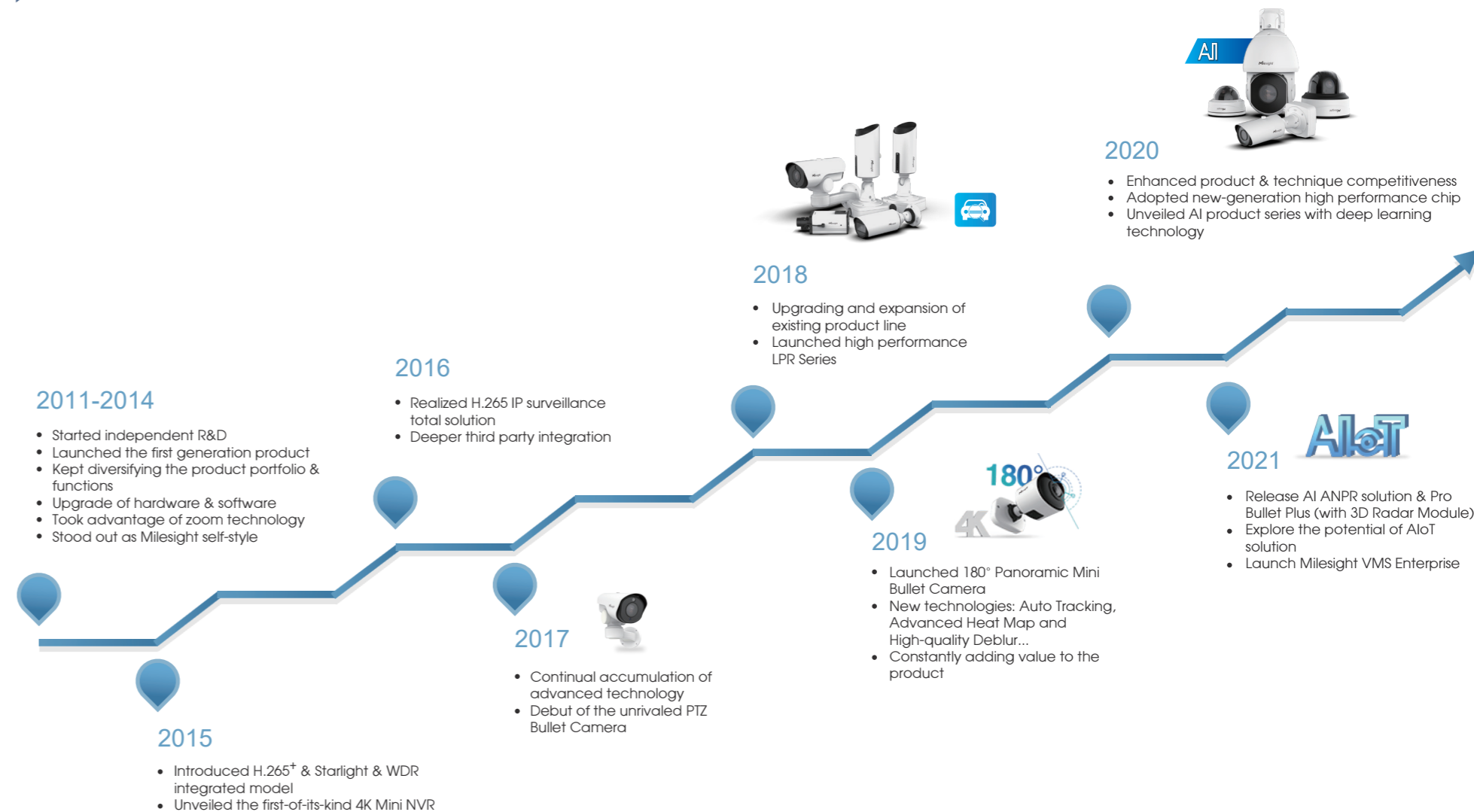
Support

Timely, efficient and diverse support

Innovation

Independent R&D team guarantees innovative technologies

Timeline



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 5 - 5MP 8 - 4K 9 - 12MP	1 - 4K 2 - 4K (1/1.8") 3 - 5MP 6 - 12MP 8 - 2MP (1/2") 9 - 2MP	41 - Speed Dome Camera 52 - Pro Box Plus Camera 51 - Pro Box Camera 67 - PTZ Bullet Plus Camera 66 - Pro Bullet Plus Camera 65 - 180° Panoramic Mini Bullet Camera 64 - Vandal-proof Mini Bullet Camera 63 - Weather-proof Mini Bullet Camera 62 - Pro Bullet Camera 61 - PTZ Bullet Camera 76 - 180° Panoramic Mini Dome Camera 75 - Weather-proof Mini Dome Camera 74 - Fisheye Camera 73 - Vandal-proof Mini Dome Camera 72 - Pro Dome Camera 71 - PTZ Dome Camera 83 - IR Mini Dome Camera	Q - High Frame Rate (120fps) T - High Frame Rate (90fps/100fps) R - High Frame Rate (60fps) H - 30fps@5MP&4K Series S - 20fps@4K Series X - Magnification of the lens e.g.: X42 - 42X AF lens E - Enterprise Edition F - Motorized Vari-focal Lens I - P-Iris Supported L - LPR Supported V - Radar Supported G - 5G Supported O - IoT Supported P - PoE Supported B - H.265 Compression A/C/D - AI Platform				

Note: In a sequence from top to Bottom

Network Video Recorder

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

MS-N	7	032-	U	P	H
1 - 2"HDD(2.5") or 1"HDD(3.5") 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 032 - 32-CH 064 - 64-CH	U - 4K	P - PoE	C/E/H - H.265 Compression	

Milesight PoE Switch

(Model): MS-S0224-GL --- Milesight 24-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 ▼

5G Camera Series--- 06

Mini Camera Series--- 08

Pro Camera Series--- 14

PTZ Camera Series--- 20

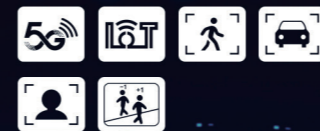
Panoramic Camera Series--- 25

LPR Camera Series--- 27

NVR ◀

PoE Switch ◀

Software ◀






AI 5G Series

- Embedded 5G Technology
- Built-in Network Server
- Integrate Data from IoT sensors
- 8ch Data Transmitting Simultaneously
- Support Standard LoRaWAN® Protocol
- 4K Live Video and review events
- 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: 0.002Lux@F1.2; 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2; 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		
	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, 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	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	

		5G AiOT 4X/12X Pro Bullet Plus Camera		AiOT 12X Pro Bullet Plus Camera
	Model	MS-C2966-X12R(T)GOPC(2MP)	MS-C2966-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: 0.002Lux@F1.2; 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2; Color: 0.009Lux@F1.6 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2; 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		
	Audio I/O	Built-in Microphone		
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



AI Mini Series

- Ultra Mini Size
- 2MP@100fps, 5MP@30fps, 8MP@30fps
- IP67 & IK10
- 0.002Lux Starlight
- 3 in 1 Super WDR Pro - 140dB
- Smart IR II Technology
- 3-Axis Mechanical Design
- Advanced Heat Map





		AI IR Mini Dome Camera		
	Model	MS-C2983-RPC(2MP)	MS-C5383-PC(5MP)	MS-C8183-PC(4K)
Camera	Appearance			
	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.002Lux@F1.2; 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.6 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2; 0.012Lux@F1.6 B/W: 0Lux with IR on
	WDR	140dB Super WDR		
	Lens	2.8mm/4mm/6mm@F1.6		
	Field of View	H111°/D131°/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	Day/Night/Auto/Customize/Schedule		
	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		
	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		
	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	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, Audio Alarm, External Input, 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 (802.3at)		
	Housing	-		
	Dimensions/Weight	φ97.8mmX57.9mm/200g		




5G SERIES
MINI SERIES
PRO SERIES
PTZ SERIES
PANORAMIC SERIES
LPP SERIES
POE NVR SERIES
NVR SERIES
POE SWITCH
SOFTWARE
ACCESSORIES

AI MINI CAMERA SERIES







		AI Vandal-proof Mini Dome Camera		
		MS-C2973-RPC(2MP)	MS-C5373-PC(5MP)	MS-C8173-PC(4K)
Camera	Appearance			
	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.002Lux@F1.2; 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.6 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2; 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		
	Day&Night	Day/Night/Auto/Customize/Schedule		
	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, 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; 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		
	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 (Multi-interface Version)		
	Storage	NAS(Support NFS, SMB/CIFS); 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, 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 (802.3at) / DC 12V 10% (Multi-interface Version)		
	Housing	IP67/IK10		
	Dimensions/Weight	118.5mmX110.8mmX65mm/500g		

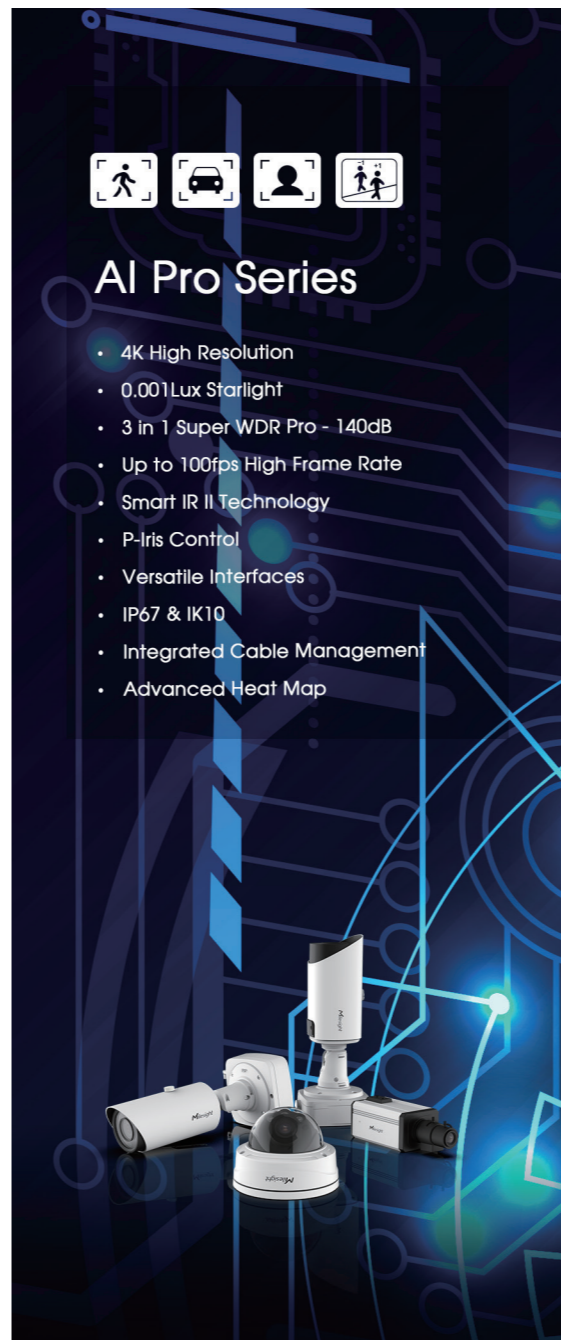
AI MINI CAMERA SERIES




		AI Weather-proof Mini Dome Camera		AI 3X AF Motorized Dome Camera	
		MS-C2975-RPC(2MP)	MS-C5375-PC(5MP)	MS-C2975-REPC(2MP)	MS-C5375-EPC(5MP)
Camera	Appearance				
	Image Sensor	1/2.8" Progressive Scan CMOS			
	Min. Illumination	Color: 0.002Lux@F1.2; 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.6 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2; 0.005Lux@F1.8 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.8 B/W: 0Lux with IR on
	WDR	140dB Super WDR	120dB Super WDR	140dB Super WDR	120dB Super WDR
	Lens	2.8mm/4mm/6mm@F1.6		2.8~8.4mm, 3X Optical Zoom	
	Field of View	H111°/D128°/V61°(2.8mm)	H105°/D131°/V78°(2.8mm)	H111°~H48°/D130°~D55°/V60°~V27°	H101°~H42°/D129°~D53°/V74°~V31°
	Shutter Time	1/100000s~1s			
	IR Distance	Up to 25m		Up to 35m	
	Day&Night	Day/Night/Auto/Customize/Schedule		Day/Night/Auto/Customize/Schedule	
	S/N	>55dB			
Video	Max. Image Resolution	60fps@1920x1080	30fps@2592x1944	60fps@1920x1080	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, 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		G.711/AAC/G.722/G.726	
	Audio I/O	Built-in Microphone		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	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 (Multi-interface Version)	
	Storage	NAS(Support NFS, SMB/CIFS); 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, Audio Alarm, etc.		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, 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)		-40 C ~60 C /0~90%(Non-condensing)	
	Power Supply	PoE (802.3af)		PoE (802.3at) / DC 12V 10%	
	Housing	IP67/IK10		IP67/IK10	
	Dimensions/Weight	Φ108mmX96.5mm (Junction Box Version) / Φ106mmX76.5mm (Cable Out Version) 600g (Junction Box Version) / 410g (Cable Out Version)		Φ108mmX96.5mm/620g	



		AI Motorized Dome Camera		
		MS-C2975-R(F)PC(2MP)	MS-C5375-F(I)PC(5MP)	MS-C8175-F(I)PC(4K)
Camera	Appearance			
	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.002Lux@F1.2; 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.4 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2; 0.012Lux@F1.4 B/W: 0Lux with IR on
	WDR	140dB Super WDR (Super WDR Pro is optional for T Series)	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		
	Day&Night	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
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		
	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: 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		
	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 (Multi-interface Version)		
	Storage	NAS(Support NFS, SMB/CIFS); 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, 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); PoE (802.3at) / DC 12V 10% (Multi-interface Version)		
	Housing	IP67/IK10		
	Dimensions/Weight	φ 130mmx115mm/780g		






		AI Weather-proof Mini Bullet Camera		
		MS-C2963-RPC(2MP)	MS-C5363-PC(5MP)	MS-C8163-PC(4K)
Camera	Appearance			
	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.002Lux@F1.2; 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.6 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2; 0.012Lux@F1.6 B/W: 0Lux with IR on
	WDR	140dB Super 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		
	Day&Night	Day/Night/Auto/Customize/Schedule		
	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		
	Audio I/O	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		
	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 (Multi-interface Version)		
	Storage	NAS(Support NFS, SMB/CIFS); 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, 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 (802.3at) / DC 12V 10% (Multi-interface Version)		
	Housing	IP67/IK10		
	Dimensions/Weight	φ 76mmx214.5mm/750g		

		AI Vandal-proof Mini Bullet Camera			AI Motorized Bullet Camera			
		MS-C2964-RPC(2MP)	MS-C5364-PC(5MP)	MS-C8164-PC(4K)	MS-C2964-R(T)F(I)PC(2MP)	MS-C5364-F(I)PC(5MP)	MS-C8164-F(I)PC(4K)	
Camera	Appearance							
	Image Sensor	1/2.8" Progressive Scan CMOS			1/2.8" Progressive Scan CMOS			
	Min. Illumination	Color: 0.002Lux@F1.2; 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.6 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2; 0.012Lux@F1.6 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2; 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.4 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2; 0.012Lux@F1.4 B/W: 0Lux with IR on	
	WDR	140dB Super WDR	120dB Super WDR			140dB Super WDR (Super WDR Pro is optional for T Series)	120dB Super WDR	
	Lens	2.8mm/4mm/6mm@F1.6			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°/D128°/V61°(2.8mm)	H105°/D131°/V78°(2.8mm)	H110°/D126°/V60°(2.8mm)	H88°~H32°/D108°~D37°/V49°~V18° (2.7~13.5mm)	H84°~H30°/D105°~D37°/V62°~V22° (2.7~13.5mm)	H93°~H32°/D109°~D39°/V53°~V18°	
	Shutter Time	1/100000s~1s			1/100000s~1s			
	IR Distance	Up to 30m			Up to 50m			
	Day&Night	Day/Night/Auto/Customize/Schedule			Day/Night/Auto/Customize/Schedule			
	S/N	>55dB			>55dB			
Video	Max. Image Resolution	60fps@(1920x1080)	30fps@(2592x1944)	30fps@(3840x2160)	60fps@(1920x1080) 100fps@(1920x1080)(Optional for T Series)	30fps@(2592x1944)	30fps@(3840x2160)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG			H.265*/H.265(HEVC)/H.264*/H.264/MJPEG			
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)			16Kbps~16Mbps(CBR/VBR Adjustable)			
Network	Ethernet	1*RJ45 10M/100M Ethernet Port			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						
Audio	Audio Compression	-			G.711/AAC/G.722/G.726			
	Audio I/O	-			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						
	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 (Multi-interface Version)			
	Storage	NAS(Support NFS, SMB/CIFS); Support microSD/SDHC/SDXC Card Local Storage, up to 256G			NAS(Support NFS, SMB/CIFS); 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, etc.			Motion Detection, Network Disconnection, etc.			
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.			FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.			
General	Working Temperature /Humidity	-40 C ~60 C /0~90%(Non-condensing)			-40 C ~60 C /0~90%(Non-condensing)			
	Power Supply	PoE (802.3af)			PoE (802.3af) / DC 12V 10%			
	Housing	IP67/IK10			IP67/IK10			
	Dimensions/Weight	97mmX74mmX180mm (Junction Box Version) / Φ64mmX160mm (Cable Out Version) 610g (Junction Box Version) / 450g (Cable Out Version)			Φ76mmX239.5mm/825g			







		AI Motorized Pro Dome Camera		
		MS-C2872-TF(I)PC(2MP)	MS-C2972-R(T)F(I)PC(2MP)	MS-C5372-F(I)PC(5MP)
Camera	Appearance			
	Image Sensor	1/2" Progressive Scan CMOS		
	Min. Illumination	Color: 0.001Lux@F1.2; 0.002Lux@F1.4 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2; 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.4 B/W: 0Lux with IR on
	WDR	140dB Super WDR Pro	140dB Super WDR (Super WDR Pro is optional for T Series)	
	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°	H92°~H32°/ D107°~D37°/V51°~V18°	H89°~H37°/ D111°~D37°/V66°~V22°
	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)	
	Day&Night	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
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, 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	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, 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	Φ143mmX108.4mm/1100g		

		AI Motorized Pro Dome Camera	
	Model	MS-C8172-F(1)PC(4K)	MS-C8272-F(1)PC(4K)
Camera	Appearance		
	Image Sensor	1/2.8" Progressive Scan CMOS	1/8" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux@F1.2; 0.012Lux@F1.4 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2; 0.009Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Lens	Motorized 2.7~13.5mm@F1.4 P-Iris(Optional)	Motorized 3.6~10mm@F1.4 P-Iris(Optional)
	Field of View	H96°~H33°/D112°~D37°/V53°~V18°	H110°~H46°/D126°~D54°/V61°~V25°
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 50m	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
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)	
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	
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	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, 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	Φ143mmX108.4mm/1100g	






		AI Motorized Pro Bullet Camera					
	Model	MS-C2862-TF(1)PC(2MP)	MS-C2962-R(T)F(1)PC(2MP)	MS-C5362-F(1)PC(5MP)	MS-C8162-F(1)PC(4K)	MS-C8262-F(1)PC(4K)	
Camera	Appearance						
	Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS				
	Min. Illumination	Color: 0.001Lux@F1.2; 0.002Lux@F1.4 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2; 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.4 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2; 0.012Lux@F1.4 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2; 0.009Lux@F1.4 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	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)			Motorized 2.7~13.5mm@F1.4 P-Iris(Optional)	Motorized 3.6~10mm@F1.4 P-Iris(Optional)
	Field of View	H96°~H42°/D111°~D48°/V55°~V23°	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°	H110°~H46°/D126°~D54°/V61°~V25°	
	Shutter Time	1/100000s~1s					
	IR Distance	Up to 60m	Up to 60m(3.0~10.5mm/2.7~13.5mm) Up to 100m(7~22mm)			Up to 60m	
	Day&Night	Day/Night/Auto/Customize/Schedule			Day/Night/Auto/Customize/Schedule		
	S/N	>55dB					
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					
	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					
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	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, 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					
	Dimensions/Weight	134mmX126mmX285mm/1080g					


AI PRO CAMERA SERIES

		AI 4X/12X Pro Bullet Plus Camera			
Model		MS-C2866-X4TPC(2MP)	MS-C2966-X12R(T)PC(2MP)	MS-C5366-X12PC(5MP)	MS-C8266-X4PC(4K)
Camera	Appearance				
	Image Sensor	1/2.8" Progressive Scan CMOS		1/1.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.001Lux@F1.2; 0.002Lux@F1.6 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2; 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.6 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2; 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	8-32mm, 4X Optical Zoom	5.3-64mm, 12X Optical Zoom		8-32mm, 4X Optical Zoom
	Field of View	H44°-H13°/D51°-D15°/V25°-V7°	H61°-H5°/D69°-D5°/V36°-V2°	H57°-H4°/D69°-D5°/V44°-V1°	H44°-H13°/D51°-D15°/V25°-V7°
	Shutter Time	1/10000s-1s			
	IR Distance	Up to 180m			
	Day/Night Mode	Day/Night/Auto/Customize/Schedule			
	S/N	>55dB			
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			
	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			
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	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, 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 -60 C ~60 C (Optional for Heater Version)			
	Power Supply	PoE (802.3at) / DC 12V 10%			
	Housing	IP67/IK10			
	Dimensions/Weight	320mmX134mmX126mm/1445.8g	320mmX134mmX126mm/1447g	320mmX134mmX126mm/1445.8g	

AI PRO CAMERA SERIES


		AI Motorized Pro Bullet Plus Camera				
Model		MS-C2866-TF(1)PC(2MP)	MS-C2966-R(T)F(1)PC(2MP)	MS-C5366-F(1)PC(5MP)	MS-C8166-F(1)PC(4K)	MS-C8266-F(1)PC(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: 0.001Lux@F1.2; Color: 0.002Lux@F1.4 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2; Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; Color: 0.008Lux@F1.4 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2; Color: 0.012Lux@F1.4 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2; Color: 0.009Lux@F1.4 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	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)		Motorized 2.7-13.5mm@F1.4 P-Iris(Optional)	Motorized 3.6-10mm@F1.4 P-Iris(Optional)
	Field of View	H100°-H45°/D116°-D51°/V57°-V25°	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	1/10000s-1s				
	IR Distance	Up to 65m	Up to 65m(3.0-10.5mm/2.7-13.5mm) Up to 100m(7-22mm)		Up to 65m	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule				
	S/N	>55dB				
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				
	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				
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	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, 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 (802.3at) / DC 12V 10%				
	Housing	IP67/IK10				
	Dimensions/Weight	301mmX108mmX98mm/1630g				



		AI Pro Box Plus Camera				
Model		MS-C2852-TPC(2MP)	MS-C2952-R(T)PC(2MP)	MS-C5352-PC(5MP)	MS-C8152-PC(4K)	MS-C8252-PC(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: 0.001Lux@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	Color: 0.006Lux@F1.2 B/W: 0.002Lux@F1.2
	WDR	140dB Super WDR Pro	140dB Super WDR (Super WDR Pro is optional for T Series)	120dB Super WDR		
	Lens	P-Iris/DC-Iris, Mount: C/CS				
	Field of View	-				
	Shutter Time	1/100000s~1s				
	IR Distance	-				
	Day&Night	Day/Night/Auto/Customize/Schedule				
	S/N	>55dB				
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				
	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	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, 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	-				
	Dimensions/Weight	130mmX75mmX66mm/366g				








AI PTZ Series

- 360° Endless Pan, 95° Tilt
- Up to 42X Optical Zoom
- 1/1.8" Sensor @36X Model
- 4K High Resolution
- 0.001Lux Starlight
- 3 in 1 Super WDR Pro - 140dB
- Up to 100fps High Frame Rate
- Smart IR II Technology
- Auto Tracking
- Intelligent 3D Positioning
- 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: 0.002Lux@F1.2; 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@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, 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), 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 (Wall Mount) / 218mmX120mmX172mm (Pedestal Mount)	





AI PTZ CAMERA SERIES

		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)	
Appearance						
Image Sensor	1/2" Progressive Scan CMOS		1/2.8" Progressive Scan CMOS		1/1.8" Progressive Scan CMOS	
Min. Illumination	Color: 0.001Lux@F1.2; 0.002Lux@F1.6 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2; 0.005Lux@F1.5 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.5 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2; 0.009Lux@F1.7 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2; 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					
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					
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					
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					
Audio Compression	G.711/AAC/G.722/G.726					
Audio I/O	1/1					
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					
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	Black/White List, 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.					
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 PTZ CAMERA SERIES

		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)	
Appearance					
Image Sensor	1/2.8" Progressive Scan CMOS		1/2 Progressive Scan CMOS		
Min. Illumination	Color: 0.002Lux@F1.2; 0.005Lux@F1.6 B/W: 0Lux with IR on		Color: 0.001Lux@F1.2; 0.002Lux@F1.6 B/W: 0Lux with IR on		
WDR	140dB Super WDR (Super WDR Pro is optional for T Series)		140dB Super WDR Pro		
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		
Field of View	H61°-H5°/D69°-D5°/V36°-V2°		H60°-H3°/D67°-D4°/V37°-V1°		
Minimum Working Distance	1000-1500mm (Wide/Tele)		100-2000mm (Wide/Tele)		
Shutter Time	1/100000s-1s				
IR Distance	Up to 160m				
S/N	>55dB				
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				
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				
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				
Audio Compression	G.711/AAC/G.722/G.726				
Audio I/O	1/1				
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				
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.				
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	φ 183mmX174.8mm/2Kg				

AI PTZ CAMERA SERIES

		AI 23X/30X Speed Dome Camera			
	Model	MS-C2941-X23R(T)PC(2MP)	MS-C5341-X23PC(5MP)	MS-C2941-X30R(T)PC(2MP)	MS-C5341-X30PC(5MP)
Camera	Appearance				
	Image Sensor	1/2.8" Progressive Scan CMOS			
	Min. Illumination	Color: 0.002Lux@F1.2; 0.005Lux@F1.5 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.5 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2; 0.005Lux@F1.5 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 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	140dB Super WDR (Super WDR Pro is optional for T Series)	120dB Super WDR
	Lens	5-117mm@F1.5-F3.5, 23X Optical Zoom, 16X Digital Zoom	5-117mm@F1.5-F3.5, 23X Optical Zoom, 16X Digital Zoom	4.7-141mm@F1.5-F4.0, 30X Optical Zoom, 16X Digital Zoom	4.7-141mm@F1.5-F4.0, 30X Optical Zoom, 16X Digital Zoom
	Field of View	H60°-H3°/D69°-D4°/V35°-V2°	H55°-H3°/D68°-D4°/V42°-V2°	H62°-H3°/D70°-D3°/V37°-V1°	H58°-H3°/D71°-D3°/V44°-V2°
	Minimum Working Distance	100-1500mm (Wide/Tele)	100-1500mm (Wide/Tele)	100-1500mm (Wide/Tele)	100-1500mm (Wide/Tele)
	Shutter Time	1/100000s-1s			
	IR Distance	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)	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	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	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 PTZ CAMERA SERIES

		AI 36X/42X Speed Dome Camera			
	Model	MS-C2841-X36TPC(2MP)	MS-C8241-X36PC(4K)	MS-C2941-X42R(T)PC(2MP)	MS-C5341-X42PC(5MP)
Camera	Appearance				
	Image Sensor	1/2" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.001Lux@F1.2; 0.002Lux@F1.55 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2; 0.009Lux@F1.55 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2; 0.005Lux@F1.8 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.8 B/W: 0Lux with IR on
	WDR	140dB Super WDR Pro	120dB Super WDR	140dB Super WDR (Super WDR Pro is optional for T Series)	120dB Super WDR
	Lens	5.7-205.2mm@F1.55-F4.8, 36X Optical Zoom, 16X Digital Zoom	5.7-205.2mm@F1.55-F4.8, 36X Optical Zoom, 16X Digital Zoom	7-300mm@F1.8-F6.5, 42X Optical Zoom, 16X Digital Zoom	7-300mm@F1.8-F6.5, 42X Optical Zoom, 16X Digital Zoom
	Field of View	H63°-H3°/D69°-D3°/V38°-V1°	H66°-H3°/D72°-D3°/V41°-V1°	H45°-H2°/D50°-D2°/V27°-V1°	H43°-H2°/D53°-D2°/V33°-V1°
	Minimum Working Distance	1500-1500mm (Wide/Tele)	1500-1500mm (Wide/Tele)	1200-1500mm (Wide/Tele)	1200-1500mm (Wide/Tele)
	Shutter Time	1/100000s-1s			
	IR Distance	Up to 300m			
	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	100fps@(1920x1080)	30fps@(3840x2160)	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	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	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 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	
		MS-C5376-PA(5MP)	MS-C8176-PA(4K)
Camera	Appearance		
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.2; 0.008Lux@F2.0 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2; 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, 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	φ 127mmX107mm/853g	

AI PANORAMIC CAMERA SERIES

		AI 180° Panoramic Mini Bullet Camera		AI 360° Panoramic Fisheye Camera
		MS-C5365-PA(5MP)	MS-C8165-PA(4K)	MS-C9674-PA(12MP)
Camera	Appearance			
	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.005Lux@F1.2; 0.008Lux@F2.0 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2; 0.012Lux@F2.0 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2; 0.05Lux@F2.8 B/W: 0Lux with IR on
	WDR	120dB Super WDR		
	Lens	1.68mm@F2.0		
	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)	4000x3000(Max. Input Resolution)
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
Display	Mount Mode	-		
	Display Mode	-		
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		
Audio	Audio Compression	G.711/AAC/G.722/G.726		
	Audio I/O	Built-in Microphone		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	-		
	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		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		φ 140mmX45.4mm/700g



AI LPR Series

- Advanced 3D Radar Technology
- Stand-alone LPR Solution
- 95%+ Recognition Accuracy
- Up to 200km/h Speed Capture
- Black and White List Management
- Plate & Vehicle Color/ Vehicle Type Recognition
- Up to 100fps High Frame Rate
- 0.001Lux Starlight
- 3 in 1 Super WDR Pro - 140dB
- Smart IR II Technology
- High-quality Deblur




AI LPR CAMERA SERIES

		AI LPR Motorized Bullet Camera	
Camera	Model	MS-C2964-R(TF)(LPC)(2MP)	MS-C5364-F(1)(LPC)(5MP)
	Appearance		
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.2; Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; Color: 0.008Lux@F1.4 B/W: 0Lux with IR on
	WDR	140dB Super WDR (Super WDR Pro is optional for T Series)	120dB Super WDR
	Lens	Motorized 2.7-13.5mm/3.0-10.5mm/7-22mm@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)
	IR Distance	Up to 50m	
LPR	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>95%	
	Coverage	Support simultaneous detection of 4 regions	
	White/Black List	Up to 1000 records inside the camera	
Smart Traffic Detection	License Plate Recognition, Plate Type Classification, Plate Color Recognition, Vehicle Type Classification, Vehicle Color Recognition, Vehicle Direction Detection		
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 (Multi-interface Version)	
System	Alarm I/O	1/1 (Multi-interface Version)	
	Storage	NAS(Support NFS, SMB/CIFS), ANR; 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	Black/White List, Motion Detection, Network Disconnection, External Input, 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	ø76mmX239.5mm/825g	



AI LPR CAMERA SERIES



		AI LPR Motorized Pro Bullet Plus Camera	
Camera	Model	MS-C2966-R(TF)(LPC)(2MP)	MS-C5366-F(1)(LPC)(5MP)
	Appearance		
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.2; Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; Color: 0.008Lux@F1.4 B/W: 0Lux with IR on
	WDR	140dB Super WDR (Super WDR Pro is optional for T Series)	120dB Super WDR
	Lens	Motorized 2.7-13.5mm/3.0-10.5mm/7-22mm@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)
	IR Distance	Up to 65m(3.0-10.5mm/2.7-13.5mm) Up to 100m(7-22mm)	
LPR	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>95%	
	Coverage	Support simultaneous detection of 4 regions	
	Smart Traffic Detection	License Plate Recognition, Plate Type Classification, Plate Color Recognition, Vehicle Type Classification, Vehicle Color Recognition, Vehicle Direction Detection	
Video	Max. Image Resolution	60fps@(1920x1080) 100fps@(1920x1080)(Optional for T Series)	30fps@(2591x1944)
	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	
System	Alarm I/O	1/1	
	Storage	NAS(Support NFS, SMB/CIFS), ANR; 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	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 /0-90%(Non-condensing)	
	Power Supply	PoE (802.3at) / DC 12V 10%	
	Housing	IP67/IK10	
	Dimensions/Weight	320mmX134mmX126mm/1630g	

AI LPR CAMERA SERIES

		AI LPR CAMERA SERIES		
		(Radar) AI LPR 4X/12X Pro Bullet Plus Camera		
Camera	Model	MS-C2866-X4TL(V)PC(2MP)	MS-C2966-X12R(TL)V(PC(2MP)	MS-C5366-X12L(V)PC(5MP)
	Appearance			
	Image Sensor	1/2" Progressive Scan CMOS		
	Min. Illumination	Color: 0.001Lux@F1.2; 0.002Lux@F1.6 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2; 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; Color: 0.008Lux@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	8-32mm@F1.6-F1.7, 4X Optical Zoom	5.3-64mm@F1.6-F2.8, 12X Optical Zoom	
	Field of View	H44°-H13°/D51°-D15°/V25°-V7°	H61°-H5°/D69°-D5°/V36°-V2°	H57°-H4°/D69°-D5°/V44°-V1°
	IR Distance	Up to 180m		
LPR	Max. Vehicle Speed	200km/h		
	Recognition Accuracy	>95%		
	Coverage	Support simultaneous detection of 4 regions		
	Smart Traffic Detection	License Plate Recognition, Plate Type Classification, Plate Color Recognition, Vehicle Type Classification, Vehicle Color Recognition, Vehicle Direction Detection		
Radar (Optional)	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		
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		
System	Alarm I/O	1/1		
	Storage	NAS(Support NFS, SMB/CIFS), ANR; 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	Black/White List, 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 (802.3at) / DC 12V 10%		
	Housing	IP67/IK10 (Without radar module)		
	Dimensions	320mmX134mmX126mm 320mmX134mmX171mm (With radar module)		
	Weight	1445.8g/1623g (With radar module)	1447g/1625g (With radar module)	

AI LPR CAMERA SERIES

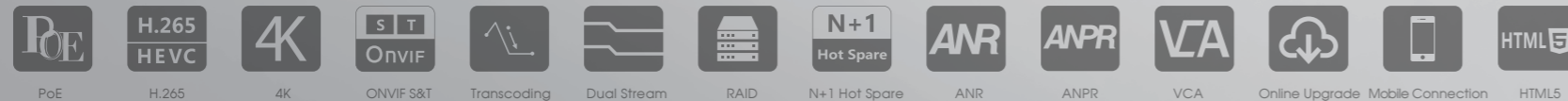
		AI LPR CAMERA SERIES	
		AI LPR 12X PTZ Bullet Camera	
Camera	Model	MS-C2961-X12R(T)LPC(2MP)	MS-C5361-X12LPC(5MP)
	Appearance		
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.2; 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; Color: 0.008Lux@F1.6 B/W: 0Lux with 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, 16X Digital Zoom	
	Field of View	H61°-H5°/D69°-D5°/V36°-V2°	H57°-H4°/D69°-D5°/V44°-V1°
	IR Distance	Up to 140m	
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	
LPR	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>95%	
	Coverage	Support simultaneous detection of 4 regions	
	Smart Traffic Detection	License Plate Recognition, Plate Type Classification, Plate Color Recognition, Vehicle Type Classification, Vehicle Color Recognition, Vehicle Direction Detection	
Video	Max. Image Resolution	60fps@(1920x1080) 100fps@(1920x1080)(Optional for T Series)	30fps@(2591x1944)
	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)	
System	Alarm I/O	1/1 (Optional)	
	Storage	NAS(Support NFS, SMB/CIFS), ANR; 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	Black/White List, 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	160mmX273.5mmX210mm (Wall Mount) / 218mmX120mmX172mm (Pedestal Mount)	
	Weight	2Kg (Wall Mount) / 1.8Kg (Pedestal Mount)	

		AI LPR 20X/23X PTZ Bullet Plus Camera	
Camera	Model	MS-C2867-X20LPC(2MP)	MS-C5367-X23LPC(5MP)
	Appearance		
	Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.001Lux@F1.2; 0.002Lux@F1.7 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2; 0.008Lux@F1.5 B/W: 0Lux with IR on
	WDR	140dB Super WDR Pro	120dB Super WDR
	Lens	6.4-128mm@F1.7-F2.1, 20X Optical Zoom	5-117mm@F1.5-F3.5, 23X Optical Zoom
	Field of View	H60°-H3°/D67°-D4°/V37°-V1°	H55°-H3°/D68°-D4°/V42°-V2°
	IR Distance	Up to 180m	
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	
LPR	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>95%	
	Coverage	Support simultaneous detection of 4 regions	
	White/Black List	Up to 1000 records inside the camera	
Smart Traffic Detection	License Plate Recognition, Plate Type Classification, Plate Color Recognition, Vehicle Type Classification, Vehicle Color Recognition, Vehicle Direction Detection		
Video	Max. Image Resolution	100fps@(1920x1080)	30fps@(2591x1944)
	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, 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	
System	Alarm I/O	1/1	
	Storage	NAS(Support NFS, SMB/CIFS), ANR, 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	Black/White List, 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	110mmX337mmX220mm	
	Weight	2.9Kg	

NETWORK VIDEO RECORDER





- ▶ AI Network Camera
- ▼ NVR
 - 4K H.265 PoE NVR Series --- 34
 - 4K H.265 NVR Series ----- 37
- ▶ PoE Switch
- ▶ Software







4K PoE NVR Series

- Up to 24*PoE Plug and Play
- Up to 4*10TB Storage
- Up to 32-CH Video Input
- Up to 4K Decoding Performance
- Multi-screen Output
- ANR/RAID
- Storage Quota
- Dual Stream Recording
- Transcoding
- POS Integration
- Online Upgrade
- Smart VCA Management
- Enterprise ANPR Management
- Versatile Interfaces

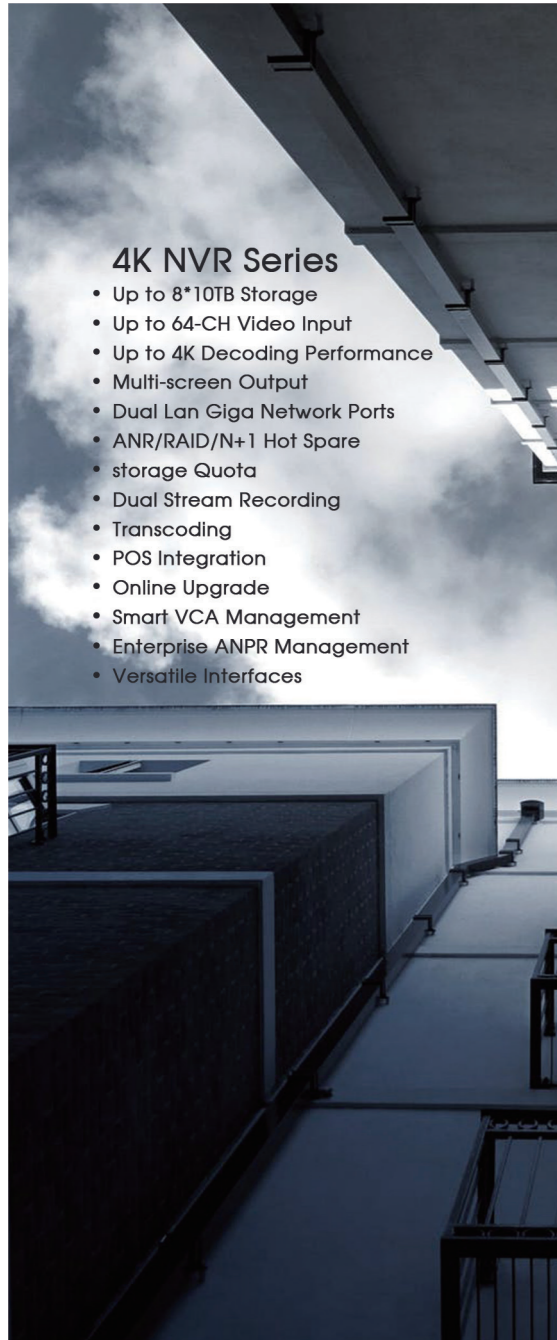
4K H.265 PoE NVR SERIES

		Mini PoE NVR 1000 Series	
		MS-N1004-UPC	MS-N1008-UPC
Appearance		 220(W)x200(D)x43.6(H)mm/0.2Kg	 220(W)x200(D)x43.6(H)mm/0.2Kg
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	
	Synchronous Recording	4*5MP	8*5MP
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	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	
	USB Interface	2*USB 2.0	
PoE Interface	Interface	4*RJ45 10M/100M	
	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	
	Consumption	< 3.5W(Without HDD, without enabling PoE)	
	Working Conditions	Temperature: -10C~55C/Humidity: 10%~90%	

		PoE NVR 5000 Series	
	Model	MS-N5008-UPC	MS-N5016-PE
Appearance		 380mm(W)x117.6mm(D)x51.8mm(H)/2.9kg Rack Mountable Chassis (1.0U Standard)	 380mm(W)x117.6mm(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), 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	
	Synchronous Recording	8*5MP	
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 10M/100M	16*RJ45 10M/100M
	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)	<3.5W(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
Appearance		 440mm(W)x300(D)x66.80mm(H)/5.0kg Rack Mountable Chassis(1.5U Standard)	 440mm(W)x300(D)x66.75mm(H)/8.8kg Rack Mountable Chassis(1.5U Standard)
Video/Audio Input	Network Video Input	16-CH/16*PoE Ports	32-CH/24*PoE Ports
	Incoming/Outcoming Bandwidth	160Mbps/160Mbps	256Mbps 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	
	Synchronous Recording	16*5MP	32*5MP
Storage	SATA	4*SATA HDD(3.5")	
	Capacity	Up to 10TB capacity for each HDD	
	ANR	Support	
	N+1 Hot Spare	-	
Disk Array	Array Type	RAID0, RAID1, RAID5, RAID6, RAID10	
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	1*USB 3.0, 2*USB 2.0	
	Audio Input/Output	1*RCA/1*RCA	
	Alarm Input/Output	16-CH/4-CH	
PoE Interface	Interface	16*RJ45 10M/100M	24*RJ45 10M/100M
	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	<15W(Without HDD, without enabling PoE)	<22W(Without HDD, without enabling PoE)
	Working Conditions	Temperature: -10°C~55°C/Humidity: 10%~90%	



5G SERIES
MINI SERIES
PRO SERIES
PTZ SERIES
PANORAMIC SERIES
LPR SERIES
POE NVR SERIES
NVR SERIES
POE SWITCH
SOFTWARE
ACCESSORIES





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
- POS Integration
- Online Upgrade
- Smart VCA Management
- Enterprise ANPR Management
- Versatile Interfaces

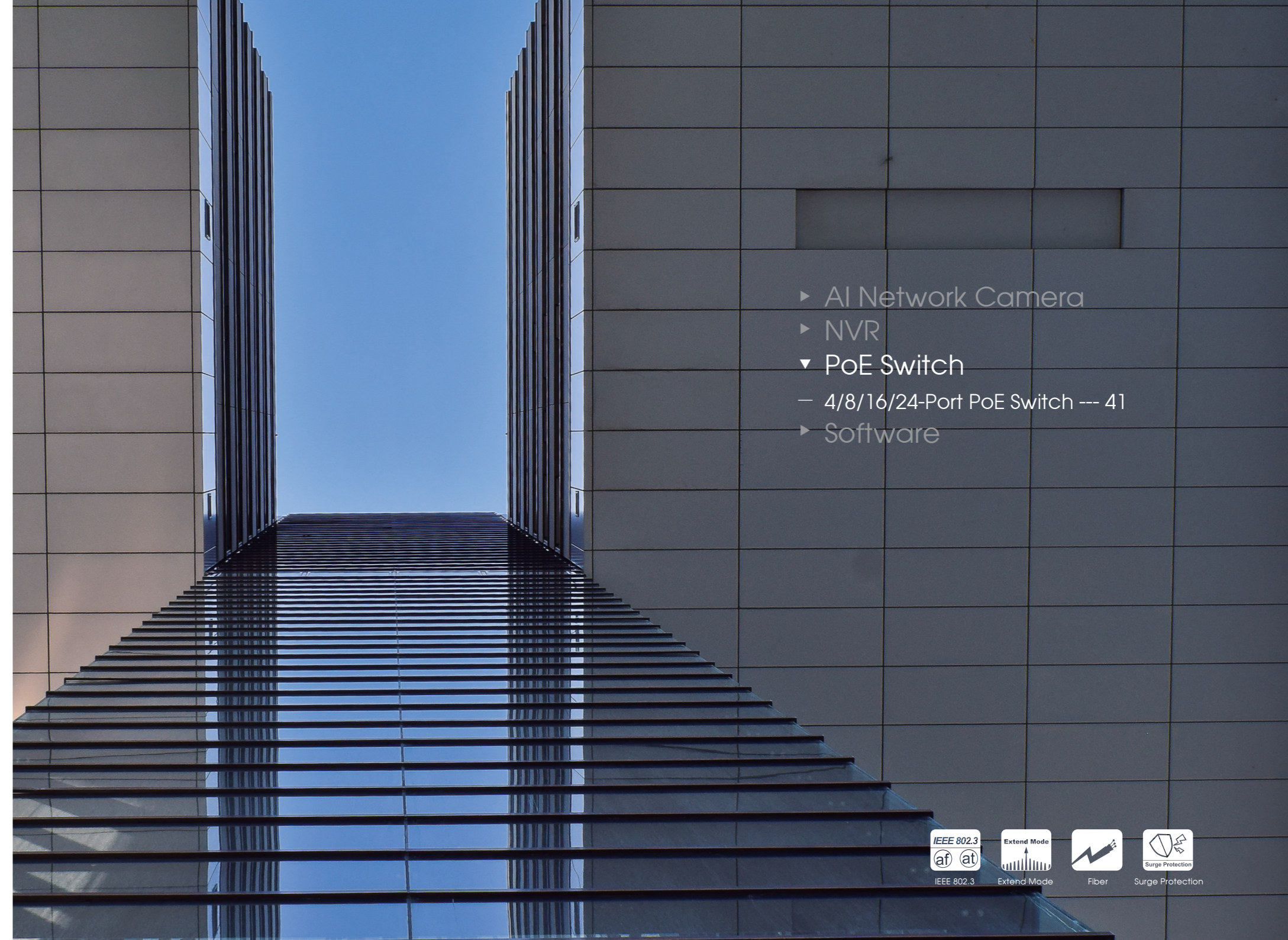
4K H.265 NVR SERIES

		Mini NVR 1000 Series	
	Model	MS-N1004-UC	MS-N1008-UC
Appearance		 220(W)x200(D)x43.6(H)mm/0.19kg	 220(W)x200(D)x43.6(H)mm/0.19kg
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	
	Synchronous Recording	4*5MP	8*5MP
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	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	
	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	
	Consumption	<2.3W(Without HDD)	
	Working Conditions	Temperature: -10°C~55°C /Humidity: 10%~90%	

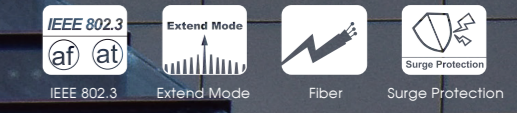
4K H.265 NVR SERIES

		Pro NVR 5000 Series	
	Model	MS-N5008-UC	MS-N5016-E
Appearance		 380mm(W)x317.6mm(D)x51.8mm(H)/1.9kg Rack Mountable Chassis (1.5U Standard)	 440mm(W)x251(D)x44.40(H)mm/2.6kg Rack Mountable Chassis(1.5U 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), 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	
	Synchronous Recording	8*5MP	
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)	<= 3W(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		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		H.265*/H.265(HEVC)/H.264*/H.264	
	Audio Compression	G.711/AAC/G.722/G.726		G.711/AAC/G.722/G.726	
	Sample Rate	8KHz/16KHz		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		Up to 10TB capacity for each HDD	
	ANR	Support		Support	
	N+1 Hot Spare	Support		Support	
Disk Array	Array Type	RAID0, RAID1, RAID5, RAID6, RAID10		RAID0, RAID1, RAID5, RAID6, RAID10	
Recording Management	Recording Type	Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)		Continuous, Event (Motion Detection, Alarm, VCA, Smart Analysis)	
	Playback	Video Playback, Image Playback		Video Playback, Image Playback	
Backup	Backup	Video Backup, Image 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		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		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		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		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		AC 100V~240V 50Hz~60Hz	
	Consumption	< 15W(Without HDD)		< 35W(Without HDD)	
	Working Conditions	Temperature: -10 C ~55 C /Humidity: 10%~90%		Temperature: -10 C ~55 C /Humidity: 10%~90%	







- ▶ AI Network Camera
- ▶ NVR
- ▶ PoE Switch
- 4/8/16/24-Port PoE Switch --- 41
- ▶ 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 IEEE802.3x	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		
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 1-10: 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.
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		

PoE SWITCH

PoE Switch				
Model	MS-S0216-GL	MS-S0416-GF	MS-S0224-GL	MS-S0424-GF
Appearance				
Ports	16X10/100Mbps PoE ports (RJ45) + 2X1000Mbps 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 IEEE802.3x	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	14.8Gbps (non-blocking)		14.8Gbps (non-blocking)	
Packet Forwarding Rate@64byte	5.36Mpps		6.55Mpps	
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, 3A	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: 100Mbps@100 meters Extend Mode: Port 1-8: 10/100Mbps auto-sensing@100 meters & Port 9-16: 10Mbps@250 meters & Port 17-18: 100Mbps@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: 100Mbps@100 meters & Port 19-20: 1000Mbps	Standard Mode: Port 1-24: 10/100Mbps auto-sensing @100 meters & Port 25-26: 100Mbps@100 meters Extend Mode: Port 1-16: 10/100Mbps auto-sensing@100 meters & Port 17-24: 10Mbps@250 meters & Port 25-26: 100Mbps@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: 100Mbps@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			
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

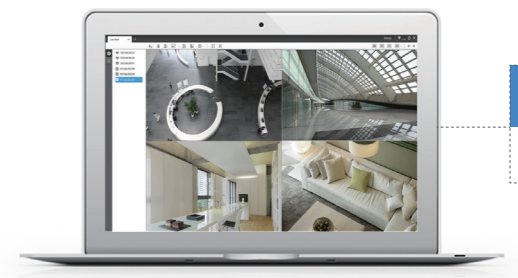


Software



MILESIGHT 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



MILESIGHT 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
- 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.



MILESIGHT 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



- ONVIF
- H.265 HEVC
- Multi-camera
- AI
- Alert
- VCA
- ANR



Manage Anytime with M-VMS Mobile



M-VMS Beta (Android)

Why Milesight VMS Enterprise



Great Flexibility

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



Excellent Reliability

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



High-level Security

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



Maximized Extensibility

- Multi Monitors for Displaying
- Scalable Video Wall



User-friendliness

- Multifunction Panels
- Intuitive Interface
- Superior UI Design

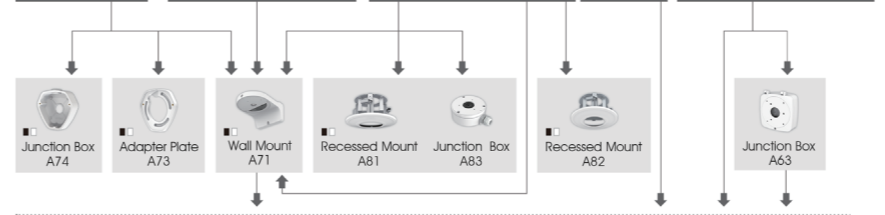


Intelligence

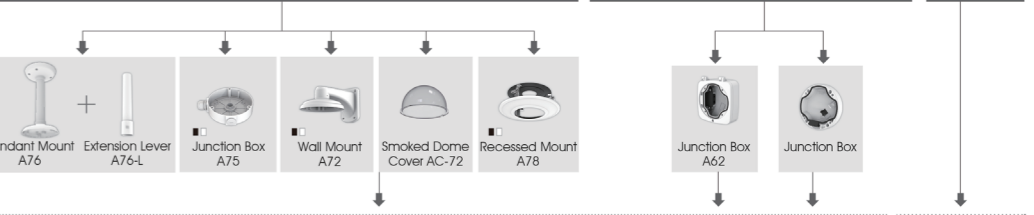
- AI Deep-learning Video Analytics
- LPR/ANPR Solution
- Industry-leading Radar Technology

Accessories Map

MINI SERIES

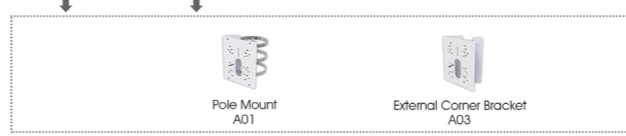
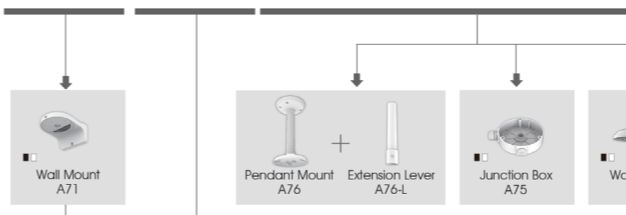


PRO SERIES

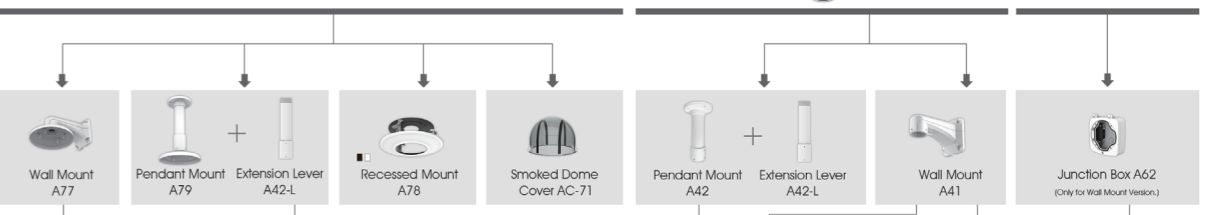


Milesight ACCESSORIES MAP V7.0

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) 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) 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:
1988g
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.)



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 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



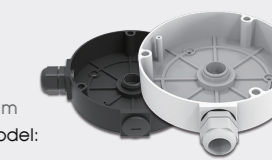
AC-72 Smoked Dome Cover

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 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



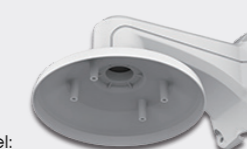
A76-L Extension Lever

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.)



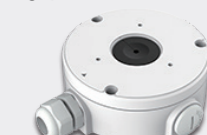
A82 Recessed Mount

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



About Milesight

ONVIF Member

Milesight is Fully Integrated with:



Milesight ONVIF-compliant VMS Partners:

