

## **KEY FEATURES**

- NDAA Compliance (The fully NDAA-compliant products are well suited for government, defense and a range of projects subject to the NDAA.)
- 0.005Lux Starlight (Deliver high detailed color images even in low light environment reaching 0.005Lux.)
- Advanced Functions (Boasting to support various advanced functions such as HLC, Defog, ROI.)
- Built-in Microphone (Supporting audio function to hear what is happening in front of the camera.)
- > SIP (Session Initiation Protocol. Providing audio/alarm/intercom and video streaming for mobile phones and video phones.)
- 3-Axis Mechanical Design (Featuring 3-axis mechanical design for fast and easy adjustment of the camera's viewing angle.)
- > 1TB (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 1TB.)
- Smart Stream (Bandwidth, storage and bit rate save with Smart Stream ON, eg, H.265+ saves 70%~80% bandwidth of H.264.)

### Al Video Analytics

The AI Camera Series can intelligently filter objects to focus on human and vehicle detection in multiple events such as Region Entrance, Region Exiting, Loitering, Advanced Motion Detection, etc.



#### 0.005Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.005Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.



#### 120dB Super WDR

Sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 120dB.



#### 4K Video Viewing Experience

The camera performs well in catching detailed image with 4K HD resolution regardless of the moving speed.



# Al Motorized Dome Network Camera



	Model	MS-C2975-(R)FPD	MS-C4575-FPD	
Camera	model	(2MP)	(4MP)	
	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on		
	WDR	120dB Super WDR		
	Shutter Time	1/10000s~1s		
	IR Distance	Up to 50m		
	Day/Night Mode	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
	Lens	Motorized 2.7~13.5mm/7~22mm@F1.4		
Lens	Field of View	H111°~H34°/D130°~D39°/ V60°~V19°(2.7~13.5mm) H42°~H17°/D48°~D19°/ V24°~V9°(7~22mm)	H97°~H28°/D110°~D32°/ V55°~V16°(2.7~13.5mm) H39°~H16°/D45°~D20°/ V22°~V9°(7~22mm)	
	Mount	Ф14		
	Focus Control	Auto/Manual		
Video	Max. Image Resolution	1920x1080	2688x1520	
	Primary Stream	60Hz: 60fps@(1920x1080)(Optional for R Series), 30fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 50fps@(1920x1080)(Optional for R Series), 25fps@(1920x1080, 1280x960, 1280x720, 704x576)	60Hz: 30fps@(2688x1520, 2304x1296, 1920x1080, 1280x720) 50Hz: 25fps@(2688x1520, 2304x1296, 1920x1080, 1280x720)	
	Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288)	60Hz: 30fps@(1280x720, 704x576, 640x480) 50Hz: 25fps@(1280x720, 704x576, 640x480)	
	Tertiary Stream	60Hz: 30fps@(1280x720, 704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360, 352x288)	60Hz: 30fps@(1280x720, 704x576, 640x480) 50Hz: 25fps@(1280x720, 704x576, 640x480)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Privacy Masking	Up to 4 areas		
	ROI	Up to 8 areas		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Audio I/O	Built-in Microphone; 1/1 (Multi-interface Version)		
	Alarm I/O	1/1 (Multi-interface Version)		

# Al Motorized Dome Network Camera



Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR	
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL,TLS 1.2	
Audio	Audio Compression	G.711/AAC/G.722/G.726	
	Audio Sampling Rate	8/16/32/48KHz	
	Audio Bit Rate	16~256kbps	
	Two-way Audio	Support	
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	
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB	
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur	
	SIP/VoIP Support	Yes, Voice & Video-over-IP	
	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.	
	System Compatibility	ONVIF Profile G & S & T, API	
	Working Temperature	-40°℃~60°℃	
	Working Humidity	0~90%(Non-condensing)	
	Power Supply	PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)	
General	Power Consumption	5.2W MAX5.5W MAX6.4W MAX (With IR on)6.5W MAX (With IR on)	
	Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance	
	Weight	780g	
	Dimensions	Φ130mmX115mm	
	Warranty	3/5 Years	

Milesight

## Al Motorized Dome Network Camera



	Model	MS-C5375-FPD (5MP)	MS-C8175-(S)FPD (4K)	
	Image Sensor	1/2.8" Progressive Scan CMOS		
		1/2.8 Progressive Scan CIVIOS		
	Min. Illumination	Color: 0.008Lux@F1.4	Color: 0.012Lux@F1.4	
		B/W: 0Lux with IR on	B/W: 0Lux with IR on	
Camera	WDR	120dB Super WDR		
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 50m		
	Day/Night Mode	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
	Lens	Motorized 2.7~13.5mm/7~22mm@F1.4		
		H99°~H31°/D124°~D38°/		
	Field of View	V72°~V23°(2.7~13.5mm)	H107°~H33°/D125°~D37°	
Lens		H37°~H15°/D46°~D19°/ V28°~V11°(7~22mm)	/V58°~V18°	
	Mount	Φ14		
	Focus Control	Auto/Manual		
	Iris Control	-		
	Max. Image Resolution	2592x1944	3840x2160	
Video	Primary Stream	60Hz: 30fps@(2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	60Hz/50Hz: 30fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576), 20fps(3840x2160)(Optional for S Series)	
	Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288)		
	Tertiary Stream	60Hz: 30fps@(1280x720, 704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360, 352x288)		
	Video Compression	H.265 <sup>+</sup> /H.265(HEVC)/H.264 <sup>+</sup> /H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
Interface	Privacy Masking	Up to 4 areas		
	ROI	Up to 8 areas		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		
	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Audio I/O	Built-in Microphone; 1/1 (Multi-interface Version)		
	Alarm I/O	1/1 (Multi-interface Version)		

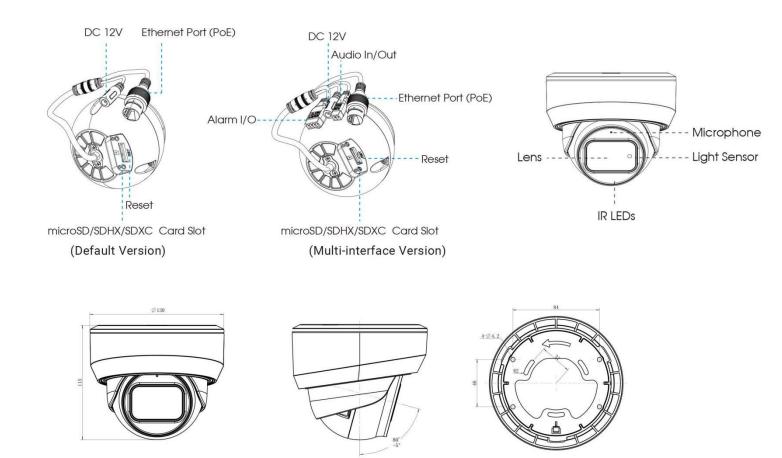




Network     Network Storage     IPVe/IPV6, ARE, TCP, UDP, RTCP, RTP, RTSP, RTMP, IHTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPNP, Bonjour, SIP, PPP6, VLAN, 802.1x, QoS, IGMP, ICMP, SSL, TLS 1.2       Audio     Genomession     G. 711/AAC/G.722/G.726       Audio Samping Rate     Addo Compression     G. 711/AAC/G.722/G.726       Audio Samping Rate     G. G. G. G. Support       Automation     Bergion Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Line Crossing, Line Crossing, Dipt II Stamper Carol       Advanced Function     Storage     G. G. G. G. Support MicroSD/SDHC/SDXC Card Local Storage, up to 1T8       Automation     G. G. G. G. Support MicroSD/SDHC/SDXC Card Local Storage, up to 1T8       Automation     G. G. G. G. Support MicroSD/SDHC/SDXC Card Local Storage, up to 1T8				
Protocol     IPv4/IPv6, ARP, TCQ, UDP, RCP, RTP, RTSP, RTMP, HTTPS, DNS, DONS, DHCP, FTP, NTP, SMTP, SNMP, UPAP, Bonjour, SIP, PPPoE, VLAN, B02, 1X, GoS, IGMP, ICMP, SSL, TLS 1.2       Audio Compression     G. C.711/AAC/G.722/G.726       Audio Sampling Rate     Audio Sampling Rate       Audio Bit Rate     SISTER SIGNATION CONSTRUCTION CONSTRUCTI	Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR	
Audio     Audio Sampling Rate     8/16/32/48kHz       Audio Bit Rate     16°256kbps       Two-way Audio     Support       Analytici     Ydeo Analysis     Region Entrance, Region Exiting, Advanced Moino Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed       Analytici     Pople Counting Report     Storage       Storage     Storage     Support microSD/SDHC/SDXC Card Local Storage, up to 1TB       Advanced Function     BLC, HLC, 2D DNR, 3D DNR, Count the number of people entering or exiting       Storage     Storage     Storage       SIP/VoIP Support     Count the number of people entering or exiting       SiP/VoIP Support     Storage     Storage       SiP/VoIP Support     Storage     Storage       Sinder Compatibility     OMOVIF Profile G & S & T, API       Vent Action     FTP Upload, SMTP Upload, SD Card Record, External Unput, SIP Phone, HTTP Notification, etc.       System Compatibility     OMOVIF Profile G & S & T, API       Power Suppity     Power Suppit     Stor MAX       Power Consumption     S.Sty MAX     8.4W MAX (With R on)       Stard Mark MAX     S.Sty MAX     8.4W MAX (With R on)       Busingin		Protocol		
Audio     Audio Bit Rate     16~256kbps       Two-way Audio     Support       Intelligent Analytics     Video Analysis     Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed       People Counting Report     Storage     Count the number of people entering or exiting       Advanced Function     Storage     Storage       Storage     Advanced Function     BLC, HLC, 2D DNR, 3D DNR, Advanced Function       SiP/VolP Support     Count Yes, Voice & Video-over-IP       Event Trigger     Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.       Event Trigger     Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.       Event Action     FTP Upload, SMTP Upload, SD Card Record, External Uput, SIP Phone, HTTP Notification, etc.       System Compatibility     ONVIF Profile G & S & T, API       Vorking Humidity     Construction     Structure       Power Supply     PoE (802.3a1; PoE (802.3a1) / DC 12V±10% (Multi-interface Version)       Busing     Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance       Weight     Construction Resister All Storage     Storage       Inensions     Vandal-proof IK10-rated Meta	Audio	Audio Compression	G.711/AAC/G.722/G.726	
Audio Bit Rate 16*256kbps   Two-way Audio Support   Intelligent Analytics Video Analysis Region Entrance, Region Extiring, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed   People Counting Report Storage Count the number of people entering or exiting   Storage Storage Storage, up to 1TB   Advanced Function Support microSD/SDHC/SDXC Card Local Storage, up to 1TB   Storage Storage Storage   StP/VoIP Support Count Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.   Stern Compatibility ONVIF Profile 6 & S & T, API   Power Supply Poet G02.3af); PoE (802.3af); C12V±10% (Multi-interface Version)   Power Consumption S.S.SW MAX 6.S.W MAX (With IR on)   Rousing Vandal-proof IK10-rated Metal Housing / Up to IF67-rated for Weather-resistant Performance   Weight Consumption   Housing Vandal-proof IK10-rated Metal Housing / Up to IF67-rated for Weather-resistant Performance   Weight Otalamental Housing		Audio Sampling Rate	8/16/32/48KHz	
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       Storage     Storage     Support microSD/SDHC/SDXC Card Local Storage, up to 1TB       Advanced Function     BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur       SIP/VoIP Support     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.       System     Working Temperature     -40°C~60°C       Working temperature     SiSt WMAX 6.SW MAX (With IR on)     7.4W MAX 8.4W MAX (With IR on)       Power Consumption     SiSt MAX 6.SW MAX (With IR on)     8.4W MAX (With IR on)       Housing     Vandal-proof Ik10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance       Weight     Oatloan MAX115mm		Audio Bit Rate	16~256kbps	
Intelligent Analytics     Video Analysis     Intel Crossing, Loitering, Object Left, Object Removed       People Counting &Report     People Counting Count the number of people entering or exiting       Apple Counting &Report     Storage     Storage       Advanced Function     Support microSD/SDHC/SDXC Card Local Storage, up to 1TB       Advanced Function     BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-filcker, Corridor Mode, Deblur       SIP/VoIP Support     Count Trigger       Video Analysis     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.       System Compatibility     ONVIF Profile G & S & T, API       Vorking Temperature     -40°C^60°       Working Humidity     OPOB(802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)       Power Supply     PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)       Housing     Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance       Weight     Otadal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance		Two-way Audio	Support	
People Counting BReport     Count the number of people entering or exiting       Barborn     Count the number of people entering or exiting       Barborn     Storage       Storage     Storage       Advanced Function     BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur       SIP/VoIP Support     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.       System Compatibility     ONVIF Profile G & S & T, API       Vorking Temperature     400°cr60°C       Working Temperature     S5.5W MAX       Power Consumption     S.5SW MAX       6.5W MAX (With IR on)     7.4W MAX 8.4W MAX (With IR on)       Busing     Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance       Weight     Study of Mathematics	-	Video Analysis		
System     Advanced Function     BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur       System     SIP/VoIP Support     Yes, Voice & Video-over-IP       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.       System Compatibility     ONVIF Profile G & S & T, API       Working Temperature     40°C*60°C       Working Humidity     OPOB(NOn-condensing)       Power Supply     ONVIF Profile G & S & T, API       Power Consumption     5.5W MAX       6.5W MAX (With IR on)     7.4W MAX 8.4W MAX (With IR on)       Housing     Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance       Weight     Condal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance       Weight     Motion Set Gate			Count the number of people entering or exiting	
Advanced Function     Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur       System     SIP/VoIP Support     Construction       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.       System Compatibility     ONVIF Profile G & S & T, API       Vorking Temperature     40°C°60°C       Vorking Humidity     OPOBE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)       Power Supply     Power Consumption       Function     5.5W MAX 6.5W MAX (With IR on)       Housing     Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance       Weight     Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance		Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB	
System     Revent 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.       System Compatibility     ONVIF Profile G & S & T, API       Vorking Temperature     40°C^60°C       Working Humidity     Power Supply       Power Supply     PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)       Power Consumption     5.5W MAX 6.5W MAX (With IR on)     7.4W MAX 8.4W MAX (With IR on)       Housing     Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance       Weight     Consumption     780g		Advanced Function		
Finance     Finance     FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.       System Compatibility     General     General       Working Temperature     Vorking Temperature     -40°C~60°C       Working Humidity     OP06 (802.3af); POE (802.3af) / DC 12V±10% (Multi-interface Version)       Power Supply     PoE (802.3af); POE (802.3af) / DC 12V±10% (Multi-interface Version)       Housing     Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance       Weight     Control of K10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance       Dimensions     Oinensions     -400°C	System	SIP/VoIP Support	Yes, Voice & Video-over-IP	
Kind Compatibility     Control of the number of th		Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
Working Temperature     -40°C~60°C       Working Humidity     0~90%(Non-condensing)       Power Supply     PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)       Power Consumption     5.5W MAX 6.5W MAX (With IR on)     7.4W MAX 8.4W MAX (With IR on)       Housing     Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance       Weight     0     780g		Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
Working Humidity     O^90%(Non-condensing)       Power Supply     Poet (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)       Power Consumption     5.5W MAX 6.5W MAX (With IR on)     7.4W MAX 8.4W MAX (With IR on)       Housing     Vandal-proof IK10-rated Metal Housing / Up to F-rated for Weather-resistant Performance       Weight     6.5W MAX (With IR on)     1000000000000000000000000000000000000		System Compatibility	ONVIF Profile G & S & T, API	
General   Power Supply   PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)     Power Consumption   5.5W MAX 6.5W MAX (With IR on)   7.4W MAX 8.4W MAX (With IR on)     Housing   Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance     Weight   0   780g     Dimensions   0   0     Housing   0   <	General	Working Temperature	-40°℃~60°℃	
General   Power Consumption   5.5W MAX 6.5W MAX (With IR on)   7.4W MAX 8.4W MAX (With IR on)     Housing   Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance     Weight   0   1     Dimensions   0   0     Housing   0 </td <td>Working Humidity</td> <td colspan="2">0~90%(Non-condensing)</td>		Working Humidity	0~90%(Non-condensing)	
General   Power Consumption   6.5W MAX (With IR on)   8.4W MAX (With IR on)     Housing   Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance     Weight   780g     Dimensions   Ф130mmX115mm		Power Supply	PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)	
Weight 780g   Dimensions Ф130mmX115mm		Power Consumption		
Dimensions 0130mmX115mm		Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance	
		Weight	780g	
Warranty 3/5 Years		Dimensions	Φ130mmX115mm	
		Warranty	3/5 Years	



### Structure Diagrams



Units: mm

#### Accessories Support

A01 Pole Mount

Weight: 720g Dimensions: 170\*51.5\*152.6mm



A03 External Corner Bracket

Weight: 900g Dimensions: 170\*152.5\*76.3mm



A71 Wall Mount

Weight: 530g Dimensions: 162\*124\*78 mm



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