

# 2/4/5 Megapixel 12x H.265 Mini (PoE) PTZ Bullet Network Camera



MS-C2961-(R)E(P)B/MS-C4461-E(P)B/  
MS-C5361-(H)E(P)B

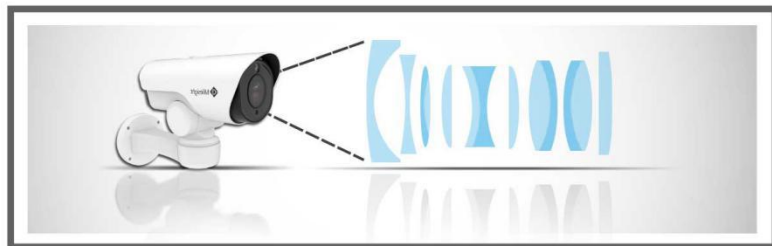
**Armsec** DATASHEET

## KEY FEATURES

- ▶ **Smart Stream** (Bandwidth, storage and bit rate save with Smart Stream ON, eg, H.265+ save 70%~80% bandwidth of H.264.)
- ▶ **Smart IR II** (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)
- ▶ **140dB Super WDR** (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 140dB.)
- ▶ **Video Content Analysis** (With 10 detection modes, VCA greatly enhances the performance bringing comprehensive surveillance functions.)
- ▶ **Smart PTZ Motion Detection** (Pan and tilt to the position of motion detected area automatically and zoom in synchronously.)
- ▶ **255 Preset Positions** (The user can easily control the lens position via mouse to monitor interested area and set up to 255 preset positions for patrolling.)
- ▶ **Keyboard Control** (Shortcut keys for PTZ control via Milesight Keyboard.)
- ▶ **Breathable Screw-in Vent** (High weather-proof and air permeable performance to reduce fogging, condensation and eliminate moisture.)

## 0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.

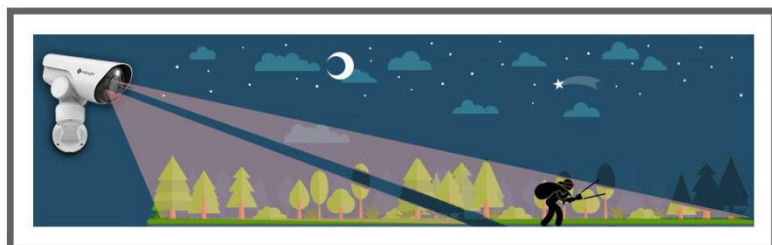


## 12x Optical Zoom

The 12x optical zoom can zoom up to distant subjects while still maintaining the clarity, delivering high quality video over the entire zoom range.

## Flexible Installation Modes

With two installation modes of Wall Mount and Pedestal Mount, the PTZ camera, to a greater extent, meets different installation needs for different application scenarios.



## IR LEDs & White LED

Enable 100 meters distinct images at night with IR LEDs as well as express alarm and deliver colorful surveillance with the White LED.

# 12x H.265 Mini (PoE) PTZ Bullet Network Camera



	Model	MS-C2961-(R)E(P)B(2MP)	MS-C4461-E(P)B(4MP)	MS-C5361-(H)E(P)B(5MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.008Lux@F1.2 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 B/W: 0Lux with IR on
	WDR	140dB Super WDR	120dB Super WDR	
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 100m		
	Digital Zoom	16x		
	Day&Night	ICR Filter Auto Switch		
	Lens	Focal Length	5.3~64mm, 12x Optical Zoom	
Zoom Speed		3.1s		
Field of View		H61°~H5°/D69°~D5°/ V36°~V2°	H57°~H4°/D65°~D5°/ V35°~V2°	H57°~H4°/D69°~D5°/ V44°~V1°
Minimum Working Distance		1000~1500mm (Wide-Tele)		
Aperture		F1.6~F2.8		
PTZ	Pan Range	360°endless		
	Pan Speed	Pan Manual Speed: 0.2°~60°/s, Pan Preset Speed 100°/s		
	Tilt Range	-45°~30°		
	Tilt Speed	Tilt Manual Speed: 0.2°~30°/s, Tilt Preset Speed 60°/s		
	Proportional Zoom	Support		
	Preset Quantity	255		
	Preset Freezing	Support		
	Patrol	8 Patrols, up to 48 presets each patrol		
	Pattern	4 Patterns		
	Power Off Memory	Support		
	PTZ Position Display	ON/OFF		
	3D Positioning	Support		
	Video	Max. Image Resolution	1920x1080	2592×1520
Primary Stream		60fps@(1920x1080)(Optional for R Series), 30fps@(1920x1080, 1280x960, 1280x720, 704x576)	20fps@(2592x1520), 30fps@(2304x1296, 1920x1080, 1280x960, 1280x720, 704x576)	30fps@(2592x1944)(Optional for H Series), 20fps@(2592x1944), 30fps@(1920x1080, 1280x960, 1280x720, 704x576)
Secondary Stream		30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x176)		
Tertiary Stream		30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x176)		
Video Compression		H.265*/H.265(HEVC)/H.264*/H.264/MJPEG		
Video Bit Rate		16Kbps~16Mbps(CBR/VBR Adjustable)		
Image Setting		Brightness/Contrast/Saturation/Sharpness		
Network	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Network Storage	NAS(Support NFS, SMB/CIFS)		
	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL		
Audio	Audio Compression	G.711/AAC		
	Audio I/O	1/1 (Optional)		
System	Alarm I/O	1/1 (Optional)		
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G		
	Advanced Function	Auto Tracking, Privacy Masking, Backlight Compensation, HLC, 2D DNR, 3D DNR, ROI, Anti-fog, White Balance, EIS, IP Address Filtering		
	SIP/VoIP Support	Yes, Voice & Video-over-IP		
	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.		
	Video Analysis (Optional)	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed		
General	System Compatibility	ONVIF Profile S & G		
	Working Temperature	-40℃~60℃		
	Working Humidity	0~90%(Non-condensing)		
	Power Supply	PoE (802.3at) (Optional) / DC 12V/2A±10%		
	Power Consumption	10.5W MAX / 20W MAX (With IR on)		
	Weather Proof	Up to IP66-rated for Weather-resistant Performance		
	Weight	2Kg (Wall Mount) / 1.8Kg (Pedestal Mount)		
	Dimensions	160mmX273.5mmX210mm (Wall Mount) / 218mmX120mmX172mm (Pedestal Mount)		
Warranty	2 Years			
				V7.15

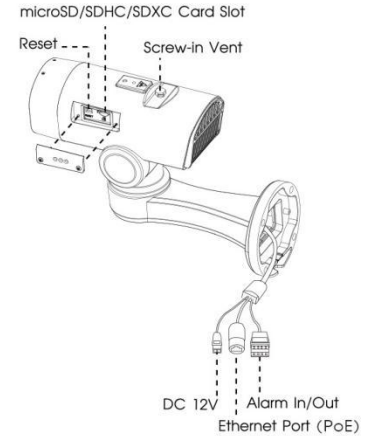
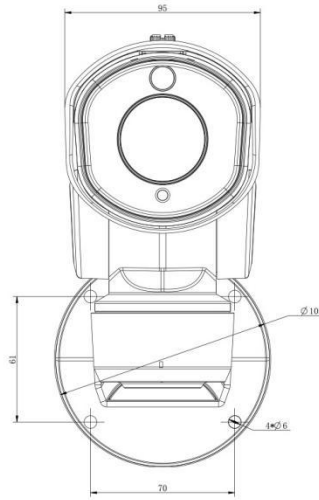
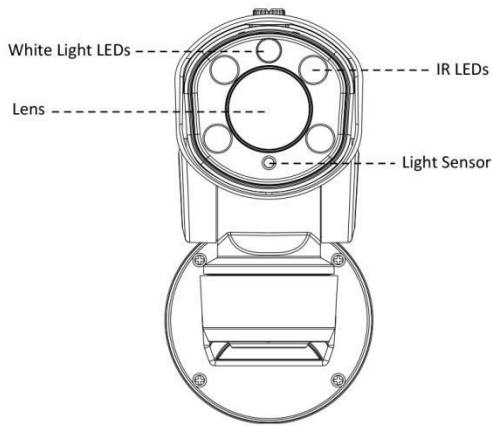


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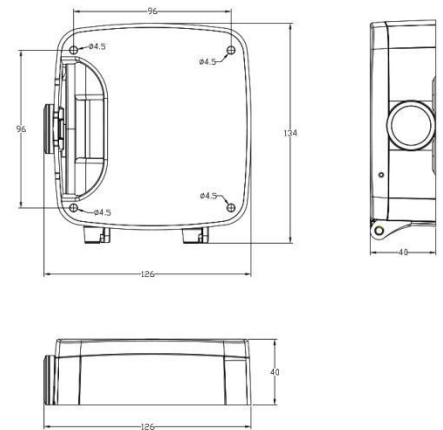
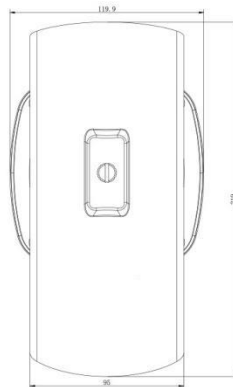
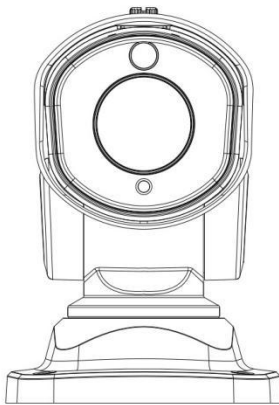


## Structure Diagrams

### Wall Mount:



### Pedestal Mount:



Units: mm

## Accessories Support

### A01 Pole Mount

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



### A62 Junction Box

Weight: 510g  
Dimensions: 134\*127\*40mm



## Naming Convention

MS-C	2	9	61-	R	E	P	B
	2 - 2MP(4 - 4MP/5 - 5MP)	Sensor	Mini PTZ Bullet	R - High FrameRate (60fps) (H - 30fps@5MP Series)	Enterprise Edition	PoE	H.265

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