

# 2/3/4 Megapixel H.265 Mini Bullet Network Camera


**IP67**
**MS-C2963-PB/MS-C3763-PB/  
MS-C4463-PB**
**DATASHEET**

## KEY FEATURES

- ▶ **H.265** (50% reduction in bandwidth, storage and bit rate compared with H.264.)
- ▶ **Powerful IR LEDs** (Equipped with 3rd generation dot matrix IR LEDs, guaranteeing excellent image quality, long lifespan and energy efficiency.)
- ▶ **Advanced Functions** (Boasting to support various advanced functions such as HLC, Defog, ROI.)
- ▶ **128G** (Supporting ultra-large external Micro SD/SDHC/SDXC storage up to 128G.)

### 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.



### 140dB Super WDR

Milesight's 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 140dB.

### Waterproofing Design

For easy management and waterproofing, the camera is also equipped with a mounting bracket that conceals the cable within, offering a well-rounded protection of the cable from any water, dust or shock damages.



### Easily Adjustable 3-Axis Bracket

The Mini Bullet Network Camera is easy to install on a wall or ceiling. It features 3-axis bracket which provides a robust mounting platform for tidy installation and camera angle adjustments on a 3-axis plane.

# H.265 Mini Bullet Network Camera



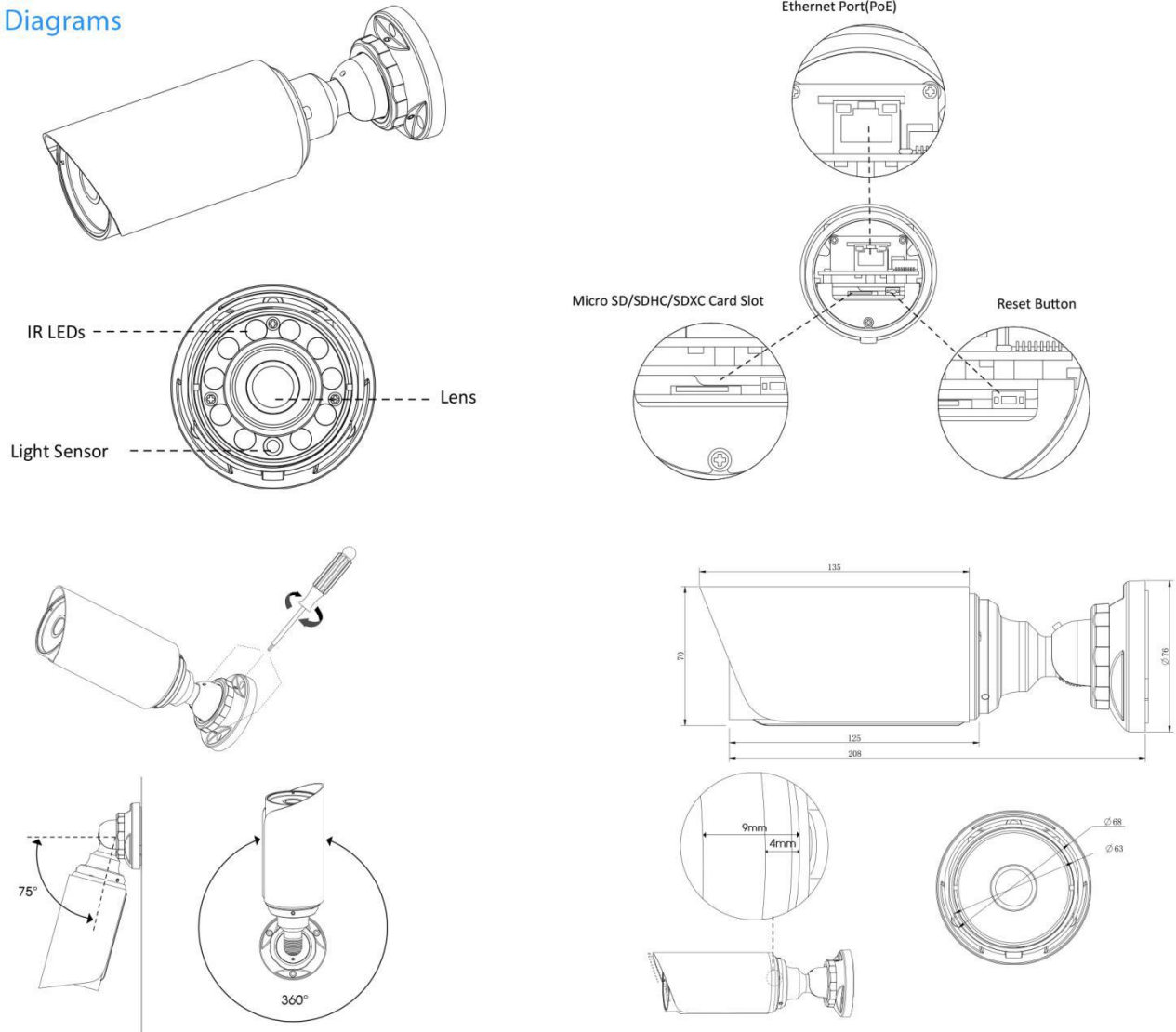
	Model	MS-C2963-PB (2MP)	MS-C3763-PB (3MP)	MS-C4463-PB (4MP)
<b>Camera</b>	Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 B/W: 0Lux with IR on	Color: 0.008Lux@F1.2 B/W: 0Lux with IR on
	WDR	Super WDR up to 140dB	Super WDR up to 120dB	Super WDR up to 120dB
	Lens	4mm/6mm @F1.6		
	Mount	M12		
	Field of View	H80.1°(4mm)	H71.5°(4mm)	H72.9°(4mm)
	Shutter Time	1/100000s~1/5s		
	IR Distance	Up to 25m		
	Day&Night	ICR Filter Auto Switch		
<b>Video</b>	Max Image Resolution	1920×1080	2048x1536	2592×1520
	Primary Stream	30fps@(1920×1080, 1280×960, 1280×720, 704×576)	30fps@(2048x1536, 1920×1080, 1280×960, 1280×720, 704x576)	20fps(2592×1520), 30fps@(2304x1296, 1920×1080, 1280×960, 1280×720, 704x576)
	Secondary Stream	30fps(704x576, 640×480, 640×360, 352x288, 320x240, 320x192, 320x176 )		
	Tertiary Stream	30fps@(1920×1080, 1280×720, 704×576, 640×480, 640×360, 320×240, 320x192, 320x176 )		
	Video Compression	H.265(HEVC)/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		
<b>Network</b>	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Network Storage	NAS(Support NFS, SMB/CIFS)		
	Protocol	IPv4/IPv6, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN		
	Storage	Support Micro SD/SDHC/SDXC Local Storage, up to 128G		
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI		
	SIP/VoIP Support	Yes, Voice & Video-over-IP		
	Event Trigger	Motion Detection, Network Disconnection, etc.		
	Event Action	FTP Upload/SMTP Upload/ SD Card Record/ SIP Phone		
System Compatibility	ONVIF Profile S			
<b>General</b>	Working Temperature	-30℃~60℃		
	Working Humidity	0~90%(Non-condensing)		
	Power Supply	PoE		
	Power Consumption	2.5W MAX 5W MAX (With IR on)	2.5W MAX 5.5W MAX (With IR on)	2.5W MAX 5W MAX (With IR on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance		
	Weight	765g		
	Dimensions	Φ76mmX208mm		
	Warranty	3/5 Years		

V7.02

# H.265 Mini Bullet Network Camera



## Structure Diagrams



Units: mm

## Accessories Support

A01 Pole mount with stainless steel straps

Weight: 770g  
Dimensions: 170\*51.5\*152.6mm



A02 Corner bracket

Weight: 540g  
Dimensions: 170\*23.2\*205.3mm

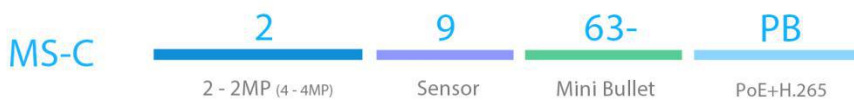


A03 Corner bracket

Weight: 895g  
Dimensions: 170\*152.6\*76.3mm



## Naming Convention



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