2/3/4 Megapixel H.265 Remote Focus&Zoom Pro Bullet Network Camera

IP66

Motorized Lens

| H.265 HEVC | Starlight | Super WDR | IR | Weather Proof | 3-Axis |
| Privacy Masking | SDXC | PoE | Profile S Onvif | | |

MS-C2962-(R)F(I)PB/MS-C3762-F(I)PB
MS-C4462-F(I)PB

DATASHEET

KEY FEATURES

▶ H. 265 (50% reduction in bandwidth, storage and bit rate compared with H.264.)

▶ HLC (High Light Compensation. Improving image visibility under strong light sources.)

▶ Defog (Defog technology. Restoring clear images in hazy and foggy weather.)

▶ Integrated Cable Management (Combining the power interface, PoE port, and other interfaces in the base neatly.)

▶ 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.


by Milesight Camera — by Smart Phone

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.

Milesight Super WDR OFF — Milesight Super WDR ON

60fps

The camera offers super high frame rate up to 60fps@1080P resolution which is double the number of frames offered by conventional HD network cameras. This technology enables the camera to capture stable and latency free clear images on fast moving objects.

30fps@1080P — 60fps@1080P
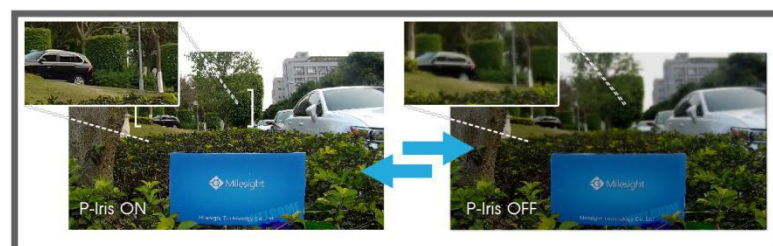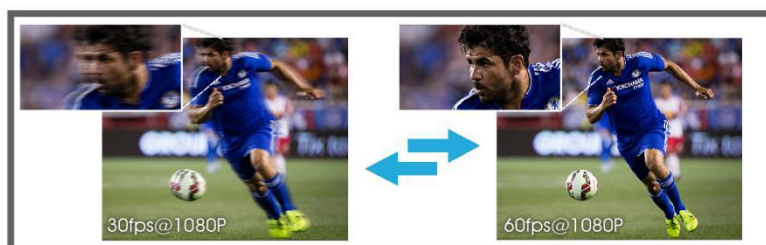
P-Iris

By adjusting the most suitable aperture position, to fully use the best part of the lens, P-Iris can control iris more precisely, offering no diffraction under strong light to give you a more clear scene with depth of view.

P-Iris ON — P-Iris OFF

	Model	MS-C2962-(R)F(I)PB (2MP)	MS-C3762-F(I)PB (3MP)	MS-C4462-F(I)PB (4MP)
Camera	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	Motorized 3.0~10.5mm/7~22mm @F1.4 P-Iris(Optional)		
	Mount	Φ14		
	Field of View	H90°~ H31°(3.0~10.5m)	H80°~ H29°(3.0~10.5mm)	H76.2°~H25°(3.0~10.5mm)
	Shutter Time	1/100000s~1/5s		
	IR Distance	Up to 35m		
	Day&Night	ICR Filter Auto Switch		
Video	Max. Image Resolution	1920×1080	2048x1536	2592×1520
	Primary Stream	30fps@(1920×1080, 1280×960, 1280×720, 704x576) (60fps available for -R series)	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		
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		
Audio	Audio Compression	G.711/AAC		
	Audio I/O	1/1		
System	Alarm I/O	1/1		
	Storage	Support microSD/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, External Input, Audio Alarm, etc.		
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ External Output/ SIP Phone		
	System Compatibility	ONVIF Profile S		
General	Working Temperature	-30℃~60℃		
	Working Humidity	0~90%(Non-condensing)		
	Power Supply	PoE/ DC 12V±10%		
	Power Consumption	6W MAX 10.5W MAX (With IR on)	6.5W MAX 10W MAX (With IR on)	5W MAX 9W MAX (With IR on)
	Weather Proof	Up to IP66-rated for Weather-resistant Performance		
	Weight	1080g		
	Dimensions	Φ107mmX266mm		
	Warranty	3/5 Years		

V7.02

Structure Diagrams

Ethernet Port(PoE)

Alarm/Audio
A B G N I O

DC 12V
— + A B

Tension Disc

TOP

Rubber Plug

Rubber Plug   Network Cable

Power Cable
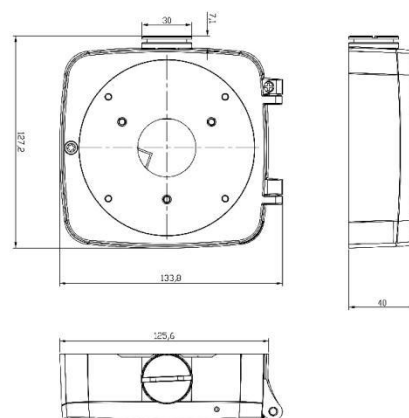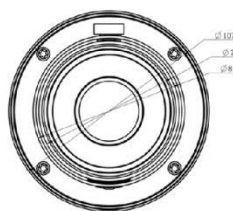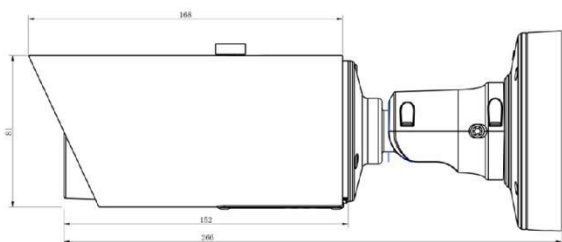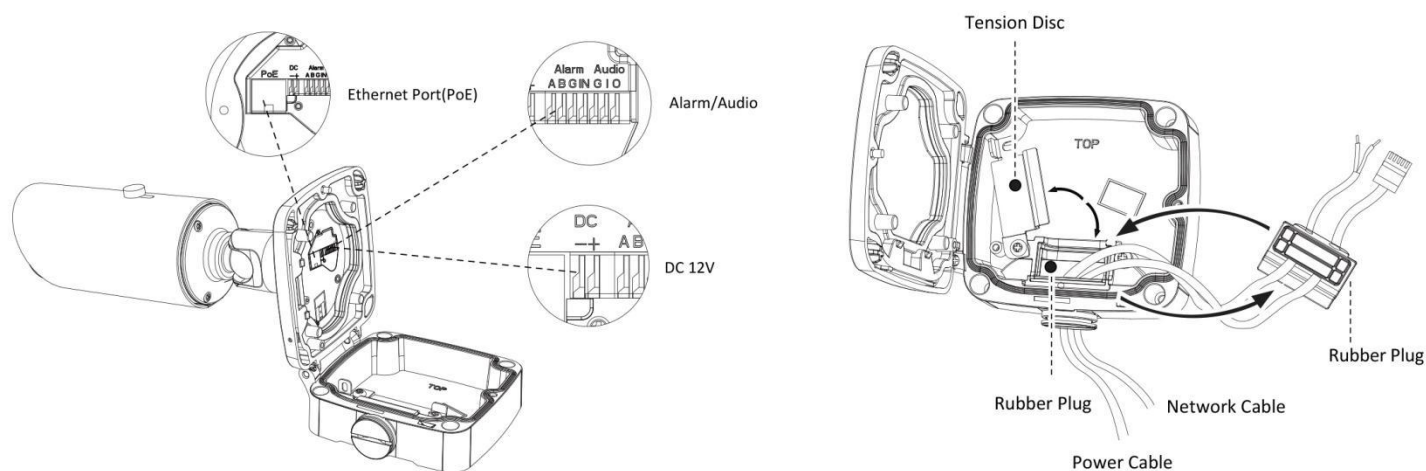
Units: mm

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

A62 Junction box

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

Naming Convention

MS-C	2	9	62-	R	F	I	PB
	2 - 2MP (3 - 3MP/ 4 - 4MP)	Sensor	Pro Bullet	High Frame Rate	Motorized Lens	P-Iris	PoE+H.265