Milesight

2 Megapixel LPR H.265 Motorized Pro Bullet Network Camera

H.265+ HEVC | **Starlight** | **Super WDR** | **IR** | **Weather Proof** | **Vandal-proof**

3-Axis | **Privacy Masking** | **SDXC** | **PoE** | **Profile S|G Onvif**

IP67 + IK10

Motorized Lens

MS-C2962-(Q)(R)F(I)LPB

KEY FEATURES

▶ Smart Stream (Bandwidth, storage and bit rate are saved with Smart Stream On, eg, H.265+ saves 70%~80% bandwidth that of H.264.)

▶ Smart IR II (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)

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

▶ P-Iris (Giving you a more clear scene with depth of view.)

▶ 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.)

▶ 256G (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 256G.)

License Plate Recognition

Embedded in camera with no PC server required, the LPR allows network cameras to capture real-time license plate in both the highest levels of glare and the darkest hours of the night.
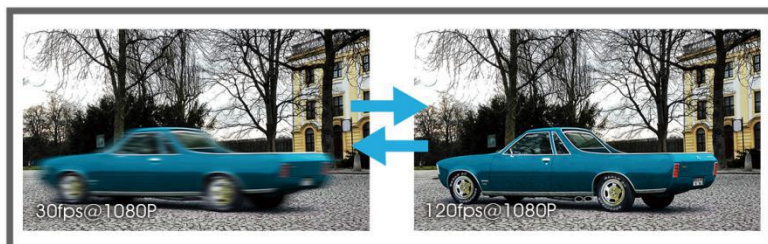
120fps

With the industry leading frame rate reaching 120fps, the cameras can easily catch images with no latency despite of the high-speed movement, which is the best choice for the demanding requirements especially for intelligent cameras.

30fps@1080P

120fps@1080P

3 in 1 Super WDR Pro - 140dB

Milesight upgraded 3 in 1 Super WDR Pro outputs three frames each line, which is able to bring more details especially moving subjects. What's more, it greatly improves image quality for reducing smear and noisy points. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.

3 in 1 Super WDR Pro

Regular WDR

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.
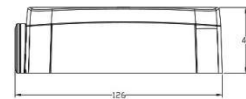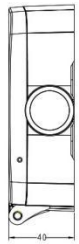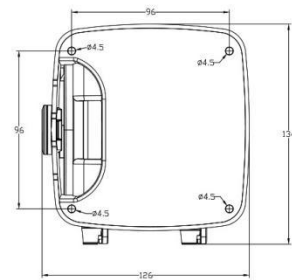
by Milesight Camera

by Smart Phone

	Model	MS-C2962-(Q)(R)F(I)LPB (2MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on
	WDR	140dB Super WDR **(Super WDR Pro is optional for Q Series)**
	Lens	Motorized 3.0~10.5mm/2.7~13.5mm/7~22mm @F1.4 P-Iris(Optional)
	Mount	Φ14
	Field of View	H93°~H33°/D107°~D38°/V52°~V18° (3.0~10.5m) H92°~H32°/D107°~D37°/V51°~V18° (2.7~13.5mm) H40°~H16°/D46°~D19°/V23°~V9° (7~22mm)
	Shutter Time	1/100000s~1s
	IR Distance	Up to 60m(3.0~10.5mm)/ 100m(7~22mm)
	Day&Night	ICR Filter Auto Switch
	Max. Vehicle Speed	120km/h
Video	Max. Image Resolution	1920x1080
	Primary Stream	**120fps@(1920x1080)(Optional for Q Series),** 60fps@(1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	**120fps@(704x576)(Optional for Q Series),** 60fps@(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
System	Alarm I/O	1/1
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	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	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.
	License Plate Recognition	Support
	System Compatibility	ONVIF Profile S & G
General	Working Temperature	-40℃~60℃
	Working Humidity	0~90%(Non-condensing)
	Power Supply	PoE (802.3af)/ DC 12V±10%
	Power Consumption	6W MAX 10.5W MAX (With IR on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance
	Housing	Vandal-proof IK10-rated Metal Housing (Optional)
	Weight	1080g
	Dimensions	134mmX126mmX285mm
	Warranty	3/5 Years

V7.15

Structure Diagrams

Ethernet Port(PoE)

Alarm/Audio

DC 12V

Tension Disc

TOP

Rubber Plug

Rubber Plug

Network Cable

Power Cable
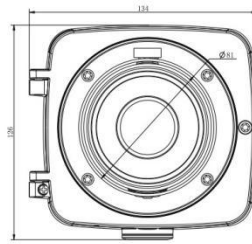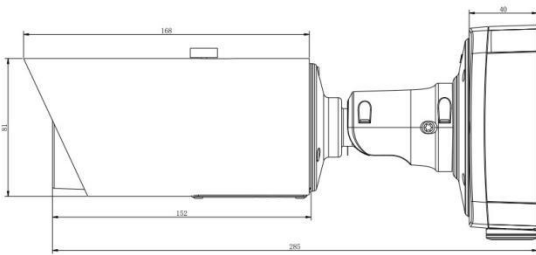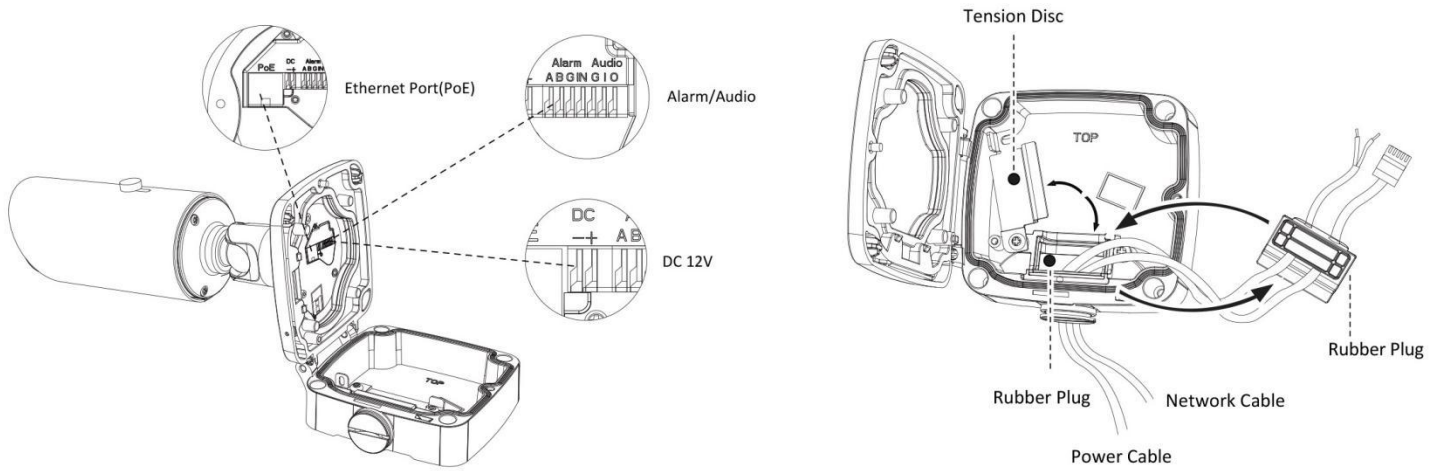
Units: mm

Accessories Support

A01 Pole Mount

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

A02 Internal Corner Bracket

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

A03 External Corner Bracket

Weight: 900g
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	L	PB
	2 - 2MP	Sensor	Pro Bullet	R - High Frame Rate (60fps) (Q - High Frame Rate (120fps))	Motorized Lens	P-Iris	LPR	PoE+H.265