Milesight

H.265⁺ Motorized Pro Bullet Network Camera

IP67 + IK10

Motorized Lens

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

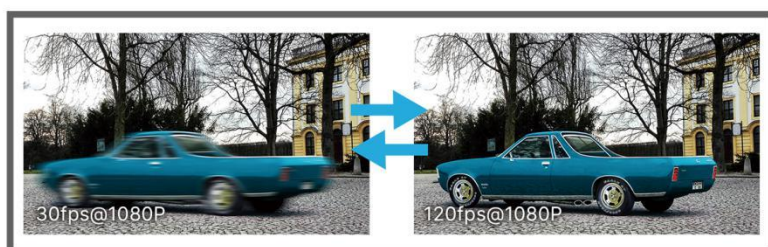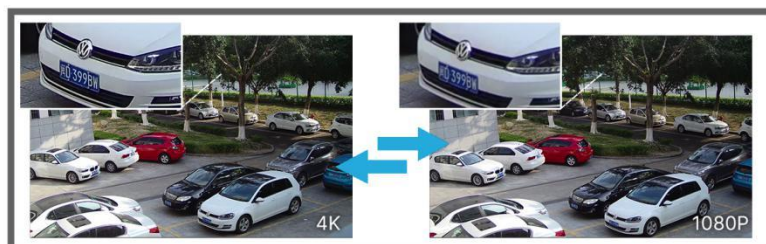3-Axis | Privacy Masking | SDXC | PoE | GQST Onvif | VCA

DATASHEET

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.)

▶ **0.001Lux Starlight** (Deliver high detailed color images even in low light environment reaching 0.001Lux.)

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

30fps@4K

Providing 4K HD resolution with frame rate of 30fps, the camera performs well in catching detailed image regardless of the moving speed.
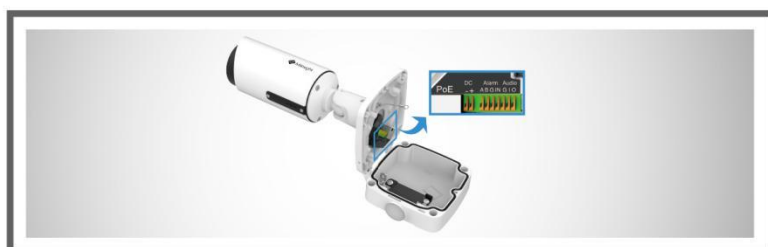

120fps

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.

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.

Integrated Cable Management Bracket

In the base support, there are power interface, PoE port, Audio I/O and Alarm I/O interfaces. Thanks to the Integrated Cable Management, it takes no effort in installation. Besides, the creative clamshell design minimizes the installation troubles and enlarges the space to make cable connection a piece of cake.

H.265⁺ Motorized Pro Bullet Network Camera

	Model	MS-C2862-(R)F(I)PB (2MP)	MS-C2962-(Q)(T)(R)F(I)PB (2MP)	MS-C5362-(H)F(I)PB (5MP)
Camera	Image Sensor	1/2″ Progressive Scan CMOS	1/2.8″ Progressive Scan CMOS	
	Min. Illumination	Color: 0.001Lux@F1.2 Color: 0.002Lux@F1.4 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2 Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 Color: 0.008Lux@F1.4 B/W: 0Lux with IR on
	WDR	140dB Super WDR	140dB Super WDR (Super WDR Pro is optional for Q & T Series)	120dB Super WDR
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 60m	Up to 60m(3.0~10.5mm/2.7~13.5mm) Up to 100m(7~22mm)	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
Lens	Lens	Motorized 3.6~10mm@F1.4 P-Iris(Optional)	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)	
	Field of View	H96°~H42°/ D111°~D48°/ V55°~V23°	H92°~H32°/D107°~D37° /V51°~V18° (2.7~13.5mm) H93°~H33°/D107°~D38° /V52°~V18° (3.0~10.5m) H40°~H16°/D46°~D19° /V23°~V9° (7~22mm)	H99°~H32°/D123°~D40° /V73°~V24° (2.7~13.5mm) H90°~H31°/ D114°~D38° / V67°~V23°(3.0~10.5mm) H37°~H15°/D47°~D19° /V28°~V11° (7~22mm)
	Mount	Φ14		
	Focus Control	Auto/Manual		
	Iris Control (Optional for I Series)	Auto/Manual		
Video	Max. Image Resolution	1920x1080		2592x1944
	Primary Stream	**60fps@(1920x1080) (Optional for R Series),** 30fps@(1920x1080, 1280x960,1280x720, 704x576)	**120fps@(1920x1080) (Optional for Q Series), 90fps@(1920x1080) (Optional for T Series), 60fps@(1920x1080) (Optional for R Series),** 30fps@(1920x1080, 1280x960,1280x720, 704x576)	**30fps@(2592x1944), 45fps@(2048x1536), 60fps@(1920x1080) (Optional for H Series),** 20fps@(2592x1944), 30fps@(2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)		
	Tertiary Stream	30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)		
	Video Compression	H.265⁺/H.265(HEVC)/H.264⁺/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Privacy Masking	Up to 8 areas		
	ROI	Up to 8 areas		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Audio I/O	1/1		
	Alarm I/O	1/1		

H.265⁺ Motorized Pro Bullet 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		
Audio	Audio Compression	G.711/AAC/G.722/G.726		
	Audio Sampling Rate	8/16/32/44.1/48KHz (44.1KHz is available for all except R & T & Q Series.)		8/16/32/48KHz (32KHz and 48KHz are available for H Series.)
	Audio Bit Rate	16-256kbps		16~96kbps, 16~256kbps(Optional for H Series)
	Two-way Audio	Support		
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G		
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark		
	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.		
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing,Loitering, Human Detection, People Counting, Object Left, Object Removed		
	System Compatibility	ONVIF Profile G & Q & S & T, API		
General	Working Temperature	-40℃~60℃		
	Working Humidity	0~90%(Non-condensing)		
	Power Supply	PoE (802.3af) / DC 12V±10%		
	Power Consumption	6W MAX 10W MAX(With IR on)	6W MAX 10.5W MAX(With IR on)	5W MAX 9W MAX(With IR on)
	Housing	Vandal-proof IK10-rated Metal Housing (Optional) / Up to IP67-rated for Weather-resistant Performance		
	Weight	1080g		
	Dimensions	134mmX126mmX285mm		
	Warranty	3/5 Years		

H.265$^+$ Motorized Pro Bullet Network Camera

	Model	MS-C8162-(H)F(I)PB (4K)	MS-C8262-F(I)PB (4K)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux@F1.2 Color: 0.012Lux@F1.4 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 Color: 0.009Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 60m	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
Lens	Lens	Motorized 2.7~13.5mm@F1.4 P-Iris(Optional)	Motorized 3.6~10mm@F1.4 P-Iris(Optional)
	Field of View	H96°~H33°/D112°~D37°/V53°~V18°	H110°~H46°/D126°~D54°/V61°~V25°
	Mount	Φ14	
	Focus Control	Auto/Manual	
	Iris Control (Optional for I Series)	Auto/Manual	
Video	Max. Image Resolution	3840x2160	
	Primary Stream	**30fps@(3840x2160)(Optional for H Series)**, 15fps@(3840x2160), 30fps@(3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	30fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)	
	Tertiary Stream	30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)	
	Video Compression	H.265$^+$/H.265(HEVC)/H.264$^+$/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Privacy Masking	Up to 8 areas	
	ROI	Up to 8 areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Audio I/O	1/1	
	Alarm I/O	1/1	
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	
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	

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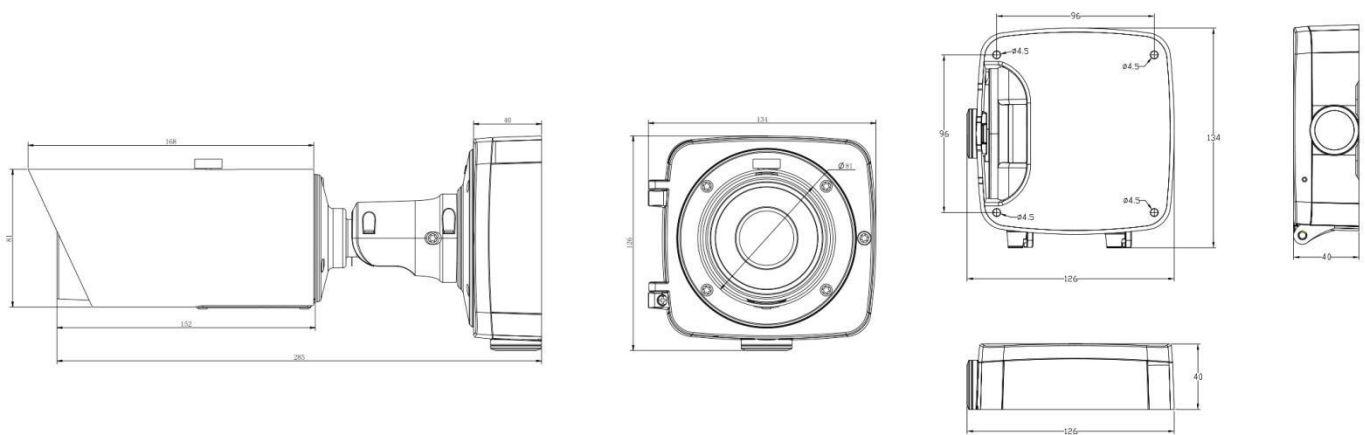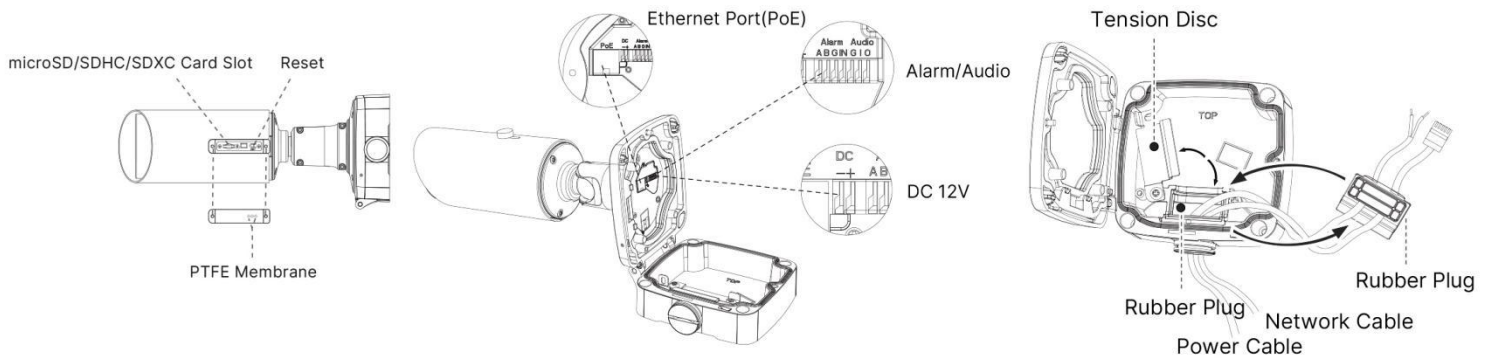
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, ROI, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing,Loitering, Human Detection, People Counting, Object Left, Object Removed
	System Compatibility	ONVIF Profile G & Q & S & T, API
General	Working Temperature	-40℃~60℃
	Working Humidity	0~90%(Non-condensing)
	Power Supply	PoE (802.3af) / DC 12V±10%
	Power Consumption	5.4W MAX / 8.2W MAX (With IR on) 6.3W MAX / 9W 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

Structure Diagrams

microSD/SDHC/SDXC Card Slot   Reset

PTFE Membrane

Ethernet Port(PoE)

Alarm/Audio

DC 12V

Tension Disc

Rubber Plug

Rubber Plug   Network Cable

Power Cable

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

A62 Junction Box

Weight: 510g
Dimensions: 134*126*40mm