Milesight

H.265+ Vandal-proof Motorized Mini Bullet Network Camera

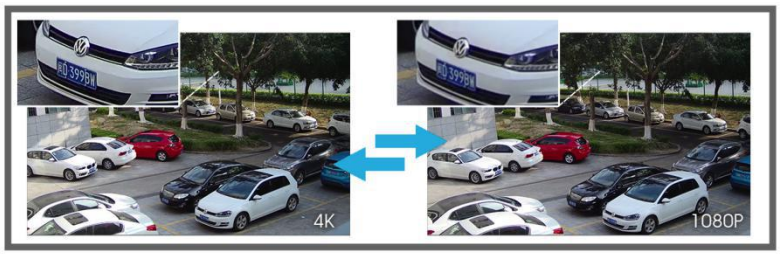
DATASHEET

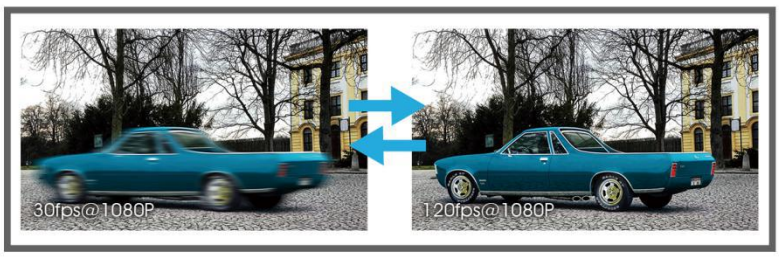
KEY FEATURES

- 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.)
- 0.001Lux Starlight (Deliver high detailed color images even in low light environment reaching 0.001Lux.)
- Advanced Functions (Boasting to support various advanced functions such as HLC, Defog, ROI.)
- 256G (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 256G.)
- Adjustable 3-Axis Bracket (Providing a robust mounting platform for angle adjustments on a 3-axis plane.)

30fps@4K

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



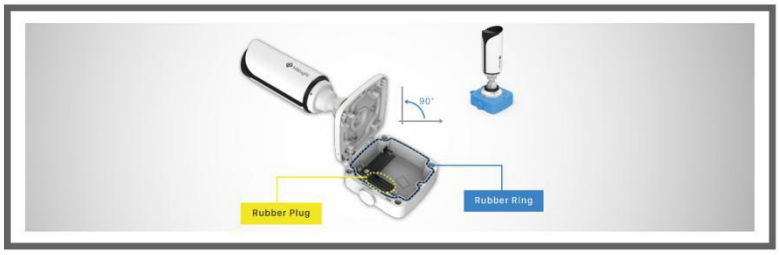


120fps

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 Junction Box

The well-designed integrated Junction Box especially the Clamshell structure ensures efficient and simple installation. It enlarges the space to make cable connection neat and as easy as a piece of cake.

H.265+ Vandal-proof Motorized Mini Bullet Network Camera

	Model	MS-C2864-(R)F(I)PB (2MP)	MS-C2964-(Q)(T)(R)F(I)PB (2MP)
Camera	Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.001Lux@F1.2 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on
	WDR	140dB Super WDR	140dB Super WDR **(Super WDR Pro is optional for Q & T Series)**
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 50m	
	Day&Night	ICR Filter Auto Switch	
	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	H99°~H44°/ D114°~D50°/ V56°~V24°	H88°~H32°/D102°~D37°/V49°~V18°(2.7~13.5mm) H87°~H29°/D99°~D32°/V45°~V14°(3~10.5mm) H34°~H14°/D37°~D15°/V19°~V7°(7~22mm)
	Mount	Φ14	
	Focus Control	Auto/Manual	
	Iris Control (Optional for I Series)	Auto/Manual	
Video	Max. Image Resolution	1920x1080	
	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)
	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)	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
Network	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Network Storage	NAS(Support NFS, SMB/CIFS)	
	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	
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, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, 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 S & G & T & Q	
General	Working Temperature	-40℃~60℃	
	Working Humidity	0~90%(Non-condensing)	
	Power Supply	PoE (802.3af)/ DC 12V±10%	
	Power Consumption	8.7W MAX 12.2W MAX (With IR on)	8W MAX 11.5W MAX (With IR on)
	Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance	
	Weight	825g	
	Dimensions	Φ76mmX239.5mm	
	Warranty	3/5 Years	

H.265+ Vandal-proof Motorized Mini Bullet Network Camera

	Model	MS-C5364-(H)F(I)PB (5MP)	MS-C8164-(H)F(I)PB (4K)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.2 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2 B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 50m	
	Day&Night	ICR Filter Auto Switch	
	S/N	>55dB	
Lens	Lens	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm @F1.4 P-Iris(Optional)	Motorized 2.7~13.5mm @F1.4 P-Iris(Optional)
	Field of View	H84°~H30°/ D105°~D37°/ V62°~V22°(2.7~13.5mm) H81°~H27°/D102°~D34°/ V60°~V20°(3~10.5mm) H34°~H13°/D42°~D17°/V26°~V10°(7~22mm)	H93°~H32°/D109°~D37°/V52°~V18°
	Mount	Φ14	
	Focus Control	Auto/Manual	
	Iris Control (Optional for I Series)	Auto/Manual	
Video	Max. Image Resolution	2592x1944	3840x2160
	Primary Stream	**30fps@(2592x1944), 45fps@(2048x1536), 60fps@(1920x1080)(Optional for H Series),** 20fps@(2592x1944), 30fps@(2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	**30fps@(3840x2160)(Optional for H Series),** 15fps@(3840x2160), 30fps@(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)	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
Network	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Network Storage	NAS(Support NFS, SMB/CIFS)	
	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	
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, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, 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 S & G & T & Q	
General	Working Temperature	-40℃~60℃	
	Working Humidity	0~90%(Non-condensing)	
	Power Supply	PoE (802.3af)/ DC 12V±10%	
	Power Consumption	8.5W MAX 12W MAX (With IR on)	5.2W MAX 7W MAX (With IR on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance	
	Housing	Vandal-proof IK10-rated Metal Housing	
	Weight	825g	
	Dimensions	Φ76mmX239.5mm	
	Warranty	3/5 Years	

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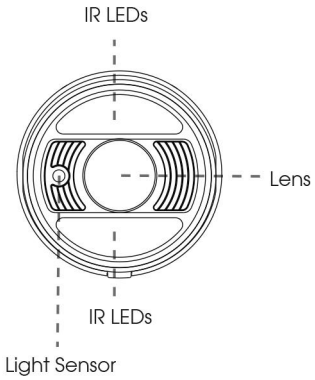
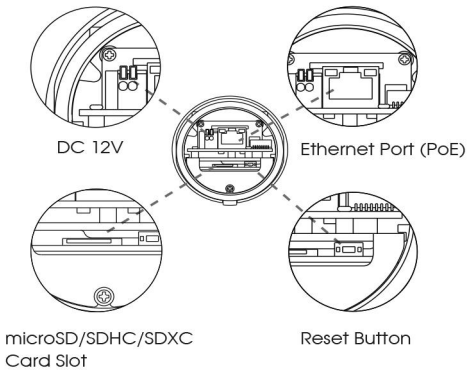
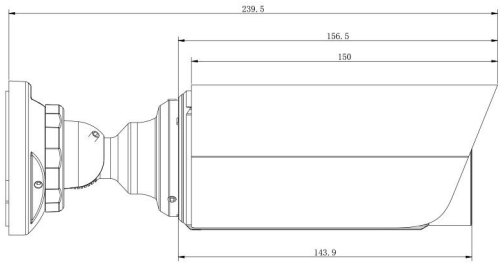
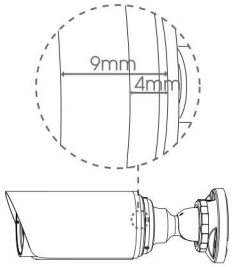
Structure Diagrams









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

A63 Junction Box

Weight: 620g
Dimensions: 134*127*40mm

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