Milesight

4K H.265 Vandal-proof Motorized Mini Bullet Network Camera

H.265⁺ HEVC **Super WDR** **IR** **Weather Proof** **Vandal-proof** **Privacy Masking**

3-Axis **SDXC** **POE** **Profile S/G Onvif** **VCA**
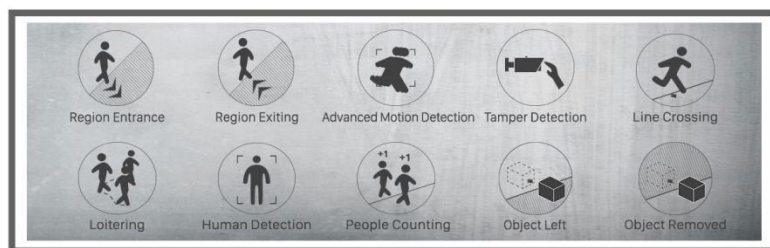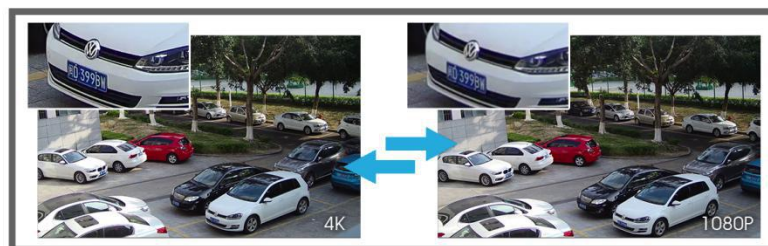
IP67 + IK10

Motorized Lens

MS-C8164-F(I)PB

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.)

▶ 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.)

4K Video Viewing Experience

Milesight 4K H.265 Network Camera delivers up to 4K resolution (3840*2160,effectively four times that of Full HD) at 15 frames per second (fps), providing users with ultra-high-definition video viewing experience.

4K | 1080P

Video Content Analysis

Region Entrance | Region Exiting | Advanced Motion Detection | Tamper Detection | Line Crossing
Loitering | Human Detection | People Counting | Object Left | Object Removed

Milesight VCA with 10 detection modes provides advanced, accurate smart video analysis for Milesight network cameras, enabling the comprehensive surveillance function and quicker response to different monitoring scenes.

120dB 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 120dB.

Milesight Super WDR OFF | Milesight Super WDR ON

IP67&IK10

Supporting IP67-rated weather proofing and IK10-rated vandal proof which are the leading level of the industry, the camera is well protected against adverse impact to ensure the performance.

Milesight

www.milesight.com

	Model	MS-C8164-F(I)PB (4K)
Camera	Image Sensor	1/2.5" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux@F1.2 B/W: 0Lux with IR on
	WDR	120dB Super WDR
	Lens	Motorized 3.3~12mm @F1.4 P-Iris(Optional)
	Mount	Φ14
	Field of View	H101°~H39°/D116°~D46°/V56°~V21°
	Shutter Time	1/100000s~1s
	IR Distance	Up to 50m
	Day&Night	ICR Filter Auto Switch
	S/N	>55dB
Video	Max. Image Resolution	3840x2160
	Primary Stream	15fps@(3840x2160), 30fps@(3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	30fps@(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
	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
	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 (Optional)	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
General	Working Temperature	-40℃~60℃
	Working Humidity	0~90%(Non-condensing)
	Power Supply	PoE (802.3af)/ DC 12V±10%
	Power Consumption	8.5W MAX 9.5W 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

V7.17

Structure Diagrams

IR LEDs

Lens

IR LEDs

Light Sensor

DC 12V

Ethernet Port (PoE)

microSD/SDHC/SDXC
Card Slot

Reset Button

239.5

156.5

150

143.9

9mm

4mm

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

Naming Convention

MS-C	8	1	64-	F	I	PB
	8 - 4K	Sensor	Vandal-proof Mini Bullet	Motorized Lens	P-Iris	PoE+H.265