Milesight

AI Color⁺ Vandal-proof Mini Bullet Network Camera

NDAA ✓

IP67

IK10

DATASHEET

Icons: COLOR⁺ RGB | AI | H.265⁺ HEVC | Starlight | Super WDR | 3-Axis | Privacy Masking | SDXC | GQST Onvif | PoE | Weather-proof | Vandal-proof

KEY FEATURES

▶ NDAA Compliance (The fully NDAA-compliant products are well suited for government, defense and a range of projects subject to the NDAA.)

▶ 120dB Super WDR (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 120dB.)

▶ 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.)

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

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

Full-color Image Performance & F1.0 Super Aperture

• Combined with White LED, the Color⁺ camera delivers colorful images in the dark or at night for the majority of monitoring scenarios. The design of warm light lamp helps to avoid glare for a better user experience.
• Large aperture (F1.0) allows more light passes through to the sensor, giving a better low illuminance and high image definition.

Full-color Image Performance — B/W — Full-color — F1.0 Super Aperture — Normal — F1.0 Super Aperture
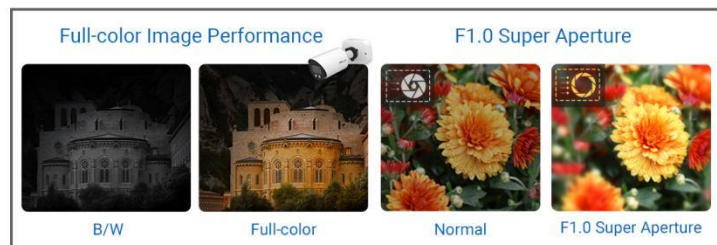
AI Video Analytics

The AI Camera Series can intelligently filter objects to focus on human and vehicle detection in multiple events such as Region Entrance, Region Exiting, Loitering, Advanced Motion Detection, etc.

Region Entrance — Region Exiting — Line Crossing — Loitering — Human/Vehicle Detection — Advanced Motion Detection — Tamper Detection — Object Left — Object Removed

4K Video Viewing Experience

The AI Color⁺ Network Camera delivers up to 4K resolution (3840*2160, effectively four times that of Full HD), providing users with ultra-high-definition video viewing experience.

4K — 1080P

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.

AI Color⁺ Vandal-proof Mini Bullet Network Camera

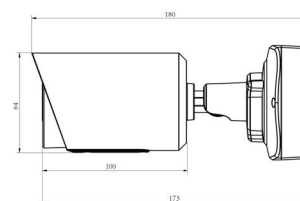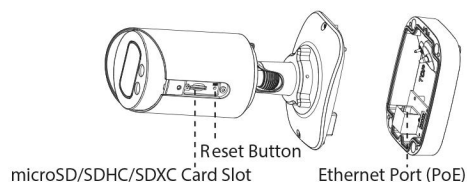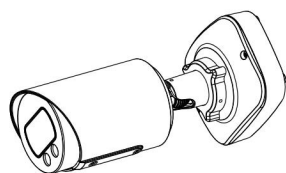|	Model	MS-C2964-(R)UPD (2MP)	MS-C5364-UPD (5MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.001Lux@F1.0 0Lux with White LED on	Color: 0.002Lux@F1.0 0Lux with White LED on
	WDR	120dB Super WDR	
	Lens	2.8mm/4mm@F1.0	
	Mount	M12	
	Field of View	H109°/D125°/V61°(2.8mm) H87°/D100°/V49°(4mm)	H104°/D129°/V78°(2.8mm) H81°/D100°/V61°(4mm)
	Shutter Time	1/100000s~1s	
	Illumination Distance	Up to 30m	
	S/N	>55dB	
Video	Max.Image Resolution	1920x1080	2592x1944
	Primary Stream	60Hz: **60fps@(1920x1080)(Optional for R Series),** 30fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: **50fps@(1920x1080)(Optional for R Series),** 25fps@(1920x1080, 1280x960, 1280x720, 704x576)	60Hz: 30fps@(2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288)	
	Tertiary Stream	60Hz: 30fps@(1280x720, 704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360, 352x288)	
	Video Compression	H.265⁺/H.265(HEVC)/H.264⁺/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Privacy Masking	Up to 4 areas	
	ROI	Up to 8 areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	

AI Color⁺ Vandal-proof Mini Bullet Network Camera

Interface	Ethernet	1*RJ45 10M/100M Ethernet Port	
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR	
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed	
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, 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.	
	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)	
	Power Consumption	3W MAX 5W MAX (With White LED on)	3W MAX 5W MAX (With White LED on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance	
	Housing	Vandal-proof IK10-rated Metal Housing	
	Weight	610g (Junction Box Version) / 450g (Cable Out Version)	
	Dimensions	97mmX74mmX180mm (Junction Box Version) / 64mmX64mmX160mm (Cable Out Version)	
	Warranty	3/5 Years	

V8.01

Structure Diagrams

Junction Box Version

Reset Button
microSD/SDHC/SDXC Card Slot   Ethernet Port (PoE)

180
100
173

Cable Out Version

Reset Button
microSD/SDHC/SDXC Card Slot   Ethernet Port (PoE)

160
100

lens
White LEDs

97
80.5
74
45.7
4*Ø3.6

3*Ø3.5
120°
Ø53
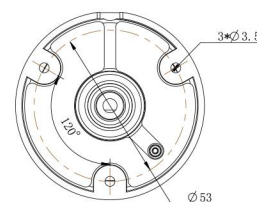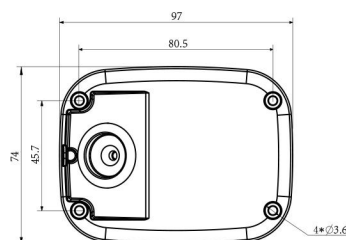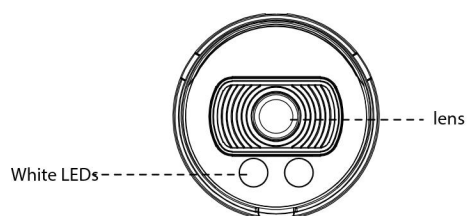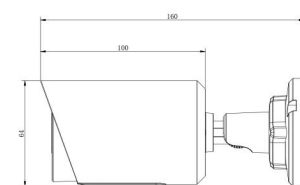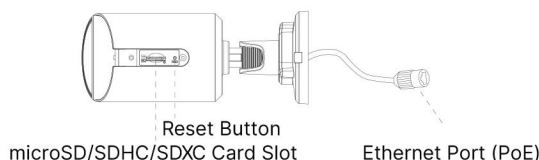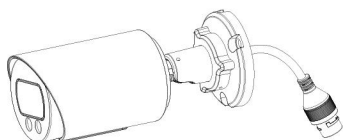
Units: mm

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