

AI LPR Motorized Pro Bullet Plus Network Camera



IP67 + IK10

Motorized Lens



DATASHEET

KEY FEATURES

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

AI-powered LPR Algorithm

Based on AI algorithm, the LPR function provides value-added data via a pre-trained deep learning model, which can not only recognize vehicle plates in real time with high accuracy, but also identify more vehicle features, like vehicle type, color, etc., generating powerful security and traffic insights.



3 in 1 Super WDR Pro & 0.002Lux Ultra Low-light

140dB Super WDR Pro combines 3 frames with multiple exposures to get the optimal images especially moving subjects in high contrast lighting situations. Meanwhile, Milesight cameras can capture full-color images in extremely low-light conditions reaching 0.002Lux without extra light supplement.



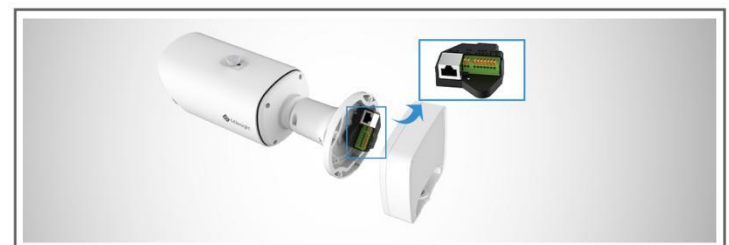
100fps

With the industry leading frame rate reaching 100fps, 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.



Integrated Cable Management Bracket

Milesight Intergrated Cable Management provides easier and faster installation for the users. Versatile interfaces such as PoE, DC, Audio I/O and Alarm I/O are available. The well-designed integrated junction box also makes the cable connection neat and tidy.



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	Model	MS-C2966-R(T)F(I)LPC (2MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux@F1.2 Color: 0.005Lux@F1.4 B/W: 0Lux with IR on
	WDR	140dB Super WDR
	Shutter Time	1/100000s~1s
	IR Distance	Up to 65m(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 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)
	Field of View	H113°~H33°/D130°~D38°/V60°~V18° (2.7~13.5mm) H104°~H34°/D120°~D39°/V57°~V19° (3.0~10.5mm) H45°~H17°/D53°~D20°/V25°~V9° (7~22mm)
	Mount	Φ14
	Focus Control	Auto/Manual
	Iris Control (Optional for I Series)	Auto/Manual
LPR	Max. Vehicle Speed	200km/h
	Recognition Accuracy	>95%
	Coverage	Support simultaneous detection of 4 regions
	White/Black List	Up to 1000 records inside the camera
	Smart Traffic Detection	License Plate Recognition, Plate Type Classification, Plate Color Recognition, Vehicle Type Classification, Vehicle Color Recognition, Vehicle Direction Detection
Video	Max. Image Resolution	1920x1080
	Primary Stream	60Hz: 100fps@(1920x1080)(Optional for T Series) , 60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 100fps@(1920x1080)(Optional for T Series) , 50fps@(1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	60Hz: 60fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180) 50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180) 50Hz: 25fps@(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 24 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

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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
	Audio Bit Rate	16~256kbps
	Two-way Audio	Support
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	Heat Map, 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	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.
	System Compatibility	ONVIF Profile G & Q & S & T, API
General	Working Temperature	-40°C~60°C
	Working Humidity	0~90%(Non-condensing)
	Power Supply	PoE (802.3af) / DC 12V±10%
	Power Consumption	8W MAX 16W MAX (With IR on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance
	Housing	Vandal-proof IK10-rated Metal Housing
	Weight	1630g
	Dimensions	301mmX108mmX98mm
	Warranty	3/5 Years

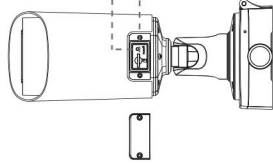
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Structure Diagrams

microSD/SDHC/SDXC Card Slot

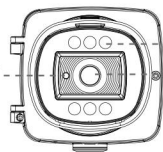
Reset



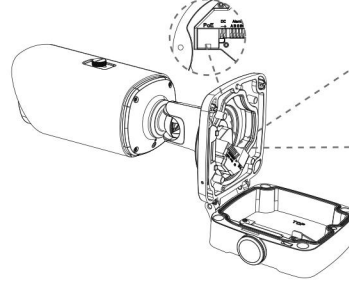
Light Sensor

IR LEDs

Lens

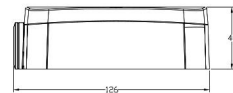
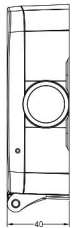
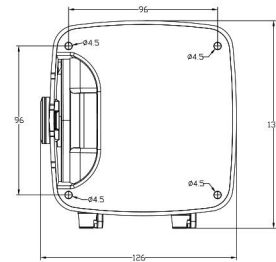
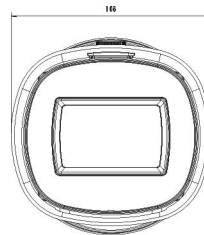
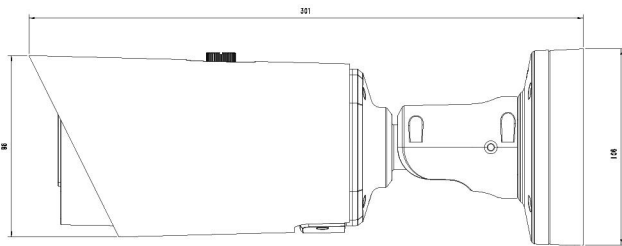


Ethernet Port (PoE)



Alarm/Audio

DC 12V



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



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