AI LPR Motorized Pro Bullet Plus Network Camera

Milesight

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.
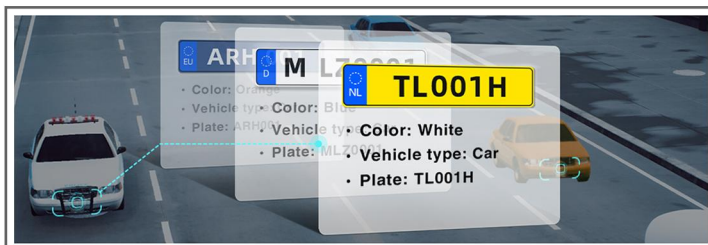
3 in 1 Super WDR Pro & 0.005Lux Ultra Low-light

140dB Super WDR Pro combines 3 frames with multiple exposures to get the optimal images especially moving subjects in high contrast lighting situations. Meanwhile, the cameras can capture full-color images in extremely low-light conditions reaching 0.005Lux without extra light supplement.

Super WDR ON   Ultra Low-light

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.

30fps@1080P   100fps@1080P

Integrated Cable Management Bracket

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.

	Model	MS-C2966-R(T)F(I)LPC (2MP)	MS-C5366-F(I)LPC (5MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.008Lux@F1.4 B/W: 0Lux with IR on
	WDR	140dB Super WDR **(Super WDR Pro is optional for T Series)**	120dB 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)	H113°~H33°/D138°~D42°/V83°~V25° (2.7~13.5mm) H94°~H33°/ D116°~D42°/V71°~V25°(3.0~10.5mm) H42°~H16°/D53°~D20°/V32°~V12° (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	
Video	Max. Image Resolution	1920x1080	2592x1944
	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)	60Hz: 30fps@(2592x1944), 45fps@(2048x1536), 60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(2592x1944), 45fps@(2048x1536), 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)	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180) 50Hz: 25fps@(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 28 areas(24 mask areas and 4 mosaic 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	8/16/32/44.1/48KHz
	Audio Bit Rate	16~256kbps
	Two-way Audio	Support
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	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℃~60℃
	Working Humidity	0~90%(Non-condensing)
	Power Supply	PoE (802.3at) / DC 12V±10%
	Power Consumption	8W MAX / 16W MAX (With IR on) 9W MAX / 12.5W MAX (With IR on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance
	Housing	Vandal-proof IK10-rated Metal Housing
	Weight	1630g
	Dimensions	320mmX134mmX126mm
	Warranty	3/5 Years

V8.02

Structure Diagrams

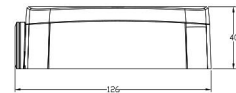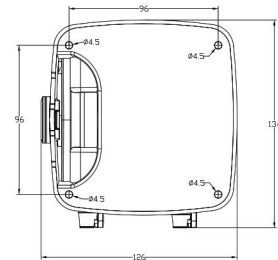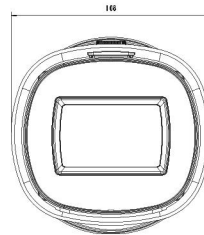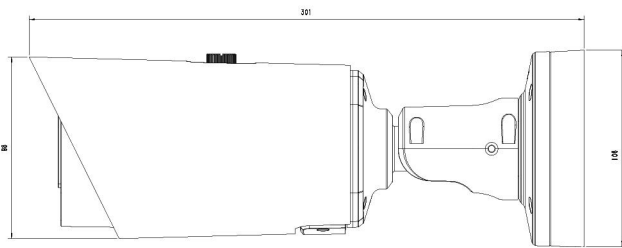microSD/SDHC/SDXC Card Slot

Reset
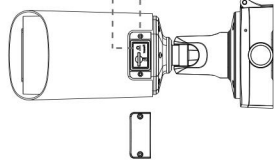
Light Sensor

IR LEDs

Lens
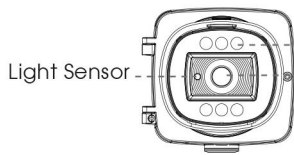
Ethernet Port (PoE)
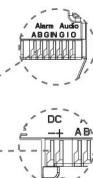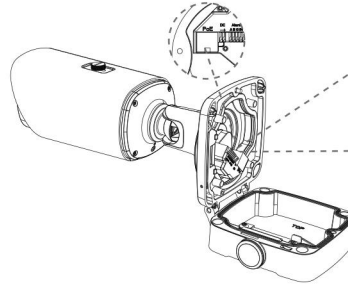
Alarm/Audio

DC 12V

Units: mm

Accessories Support

A62 Junction Box(Default)

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

A01 Pole Mount

Weight: 720g
Dimensions: 170*51.5*152.6mm

A03 External Corner Bracket

Weight: 900g
Dimensions: 170*152.5*76.3mm