

# Entrance & Exit Management

## DATASHEET



## INTRODUCTION

Milesight Entrance & Exit Management Camera combines video surveillance with AI, ANPR and other cutting-edge technologies to help traffic management systems intelligently monitor and manage traffic behavior at entrances and exits. Based on real-time data, valuable insights are obtained to optimize the traffic flow at the entrance and exit, reduce the risk of accidents, and deal with emergencies more efficiently. It can be widely used in the security gate system, which can significantly improve management efficiency and make traffic more intelligent, safe and smooth.



### Entrance & Exit AI LPR Pro Dome Camera

- Advanced Motorized Lens
- Smart IR II Technology
- 140dB Super WDR
- Up to 20m Illumination Distance
- IP67 & IK10
- Versatile Interfaces
- Clamshell Design
- Integrated Cable Management



### Entrance & Exit AI LPR Bullet Camera

- Advanced Motorized Lens
- Smart IR II Technology
- 140dB Super WDR
- Up to 20m Illumination Distance
- IP67 & IK10
- Versatile Interfaces
- Unique Structure Design
- Integrated Junction Box



### Entrance & Exit Supplement Light AI LPR Pro Bullet Plus Camera

- Integrated Supplement Light
- Wiegand Protocol Supported
- Advanced Motorized Lens
- Smart IR II Technology
- Up to 20m Illumination Distance
- 140dB Super WDR
- IP67
- Versatile Interfaces
- Integrated Cable Management Bracket



## Excellent Capture Performance

- Superior Image Quality for 24/7 Traffic Monitoring



- Accurately Capture Plates of Fast Moving Vehicles



- Excellent Capture Performance at High Speed and Accuracy

### >98%

Recognizable Speed

**200km/h**

Recognizable Speed

**4** Detection Regions

License Plate Serial Format

## AI-empowered LPR

- Embedded AI LPR Algorithm



- AI-based Vehicle Attributes Recognition



- Broad Range of Countries and Regions Supported

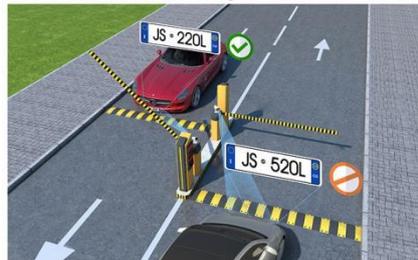


## Plate Management & Search

- LPR Smart Search Function



- Black/White List Management



- Plate Data Management



## Evidence Camera Linkage Improves Enforcement Efficiency

- Linking LPR Camera and Regular Camera for Evidence Capture
- LPR Camera for License Plate Recognition and Linkage Triggering
- Regular Camera for Full Snapshot of the Scene



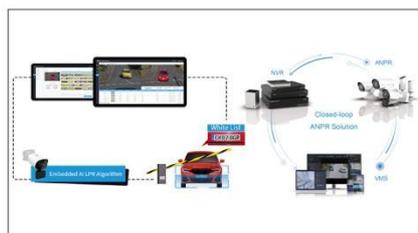
## Extensive Compatibility

- Versatile Interface

- Wiegand Interface Supported
- A Whole Array of Interfaces including Alarm I/O, Audio I/O, DC 12V and PoE Port.

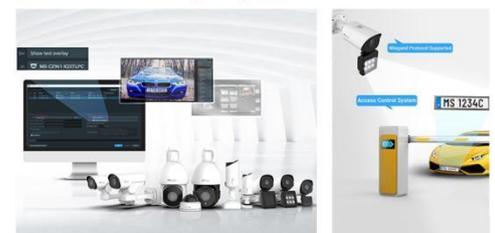


- Stand-alone LPR Solution & Closed-loop Back-end Integration



- Open Integration with 3rd Party

- 3rd Integration with CGI/APIs
- Push All Data to the 3rd Integration Systems



OBTAIN THE USER MANUAL



	Name	Entrance & Exit AI LPR Bullet Camera	Entrance & Exit AI LPR Pro Dome Camera
<b>Camera</b>	Appearance		
	Model	MS-C2964-RFLPC (2MP)	MS-C2972-RFLPC (2MP)
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	
	WDR	140dB Super WDR	
	Shutter Time	1/100000s~1s	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
<b>Lens</b>	Lens	Motorized 2.7~13.5mm@F1.4	
	Field of View	H111°~H34°/D130°~D39°/V60°~V19°	H115°~H34°/D135°~D39°/V62°~V19°
	Mount	Φ14	
	Focus Control	Auto/Manual	
<b>Entrance &amp; Exit Management</b>	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>98%	
	Coverage	Support simultaneous detection of 4 regions	
	Country/Region Supported	More than 80 countries and regions	
	Illumination Distance	Up to 20m	
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture	
	Smart Traffic Function	Evidence Camera Linkage	
	White/Black List	Up to 1000 records inside the camera	
LPR Smart Search	Support		
<b>Interface</b>	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Audio I/O	1/1 (Multi-interface Version)	Built-in Microphone and 1 Audio Output interface
	Alarm I/O	1/1 (Multi-interface Version)	1/1
<b>Video</b>	Max. Image Resolution	1920x1080	
	Primary Stream	60Hz: 60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 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	





	Name	Entrance & Exit Supplement Light AI LPR Pro Bullet Plus Camera	
<b>Camera</b>	Appearance		
	Model	MS-C2966-RFLWPC /W (2MP)	MS-C2966-RFLWPC /R (2MP)
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	
	WDR	140dB Super WDR	
	Shutter Time	1/100000s~1s	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
<b>Lens</b>	Lens	Motorized 2.7~13.5mm@F1.4	
	Field of View	H113°~H33°/D130°~D38°/V60°~V18°	
	Mount	Φ14	
	Focus Control	Auto/Manual	
<b>Entrance &amp; Exit Management</b>	Max. Vehicle Speed	200km/h	
	Recognition Accuracy	>98%	
	Coverage	Support simultaneous detection of 4 regions	
	Country/Region Supported	More than 80 countries and regions	
	Illumination Distance	Up to 20m	
	Attributes Identification	Plate Color, Vehicle Type, Vehicle Color, Vehicle Brand, No-plate Vehicle Capture	
	Smart Traffic Function	Evidence Camera Linkage	
	White/Black List	Up to 1000 records inside the camera	
<b>Illuminator</b>	Supplement Light	White LED Light	IR LED Light
	Light Bead	6 (For White LED Light)	9 (For IR LED Light)
	Light Control	Auto/Always On/Off/Customize	
<b>Interface</b>	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Audio I/O	1/1	
	Alarm I/O	1/1	
	Wiegand	Standard Wiegand 26-bit	
<b>Video</b>	Max. Image Resolution	1920x1080	
	Primary Stream	60Hz: 60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 50fps@(1920x1080, 1280x960, 1280x720, 704x576)	

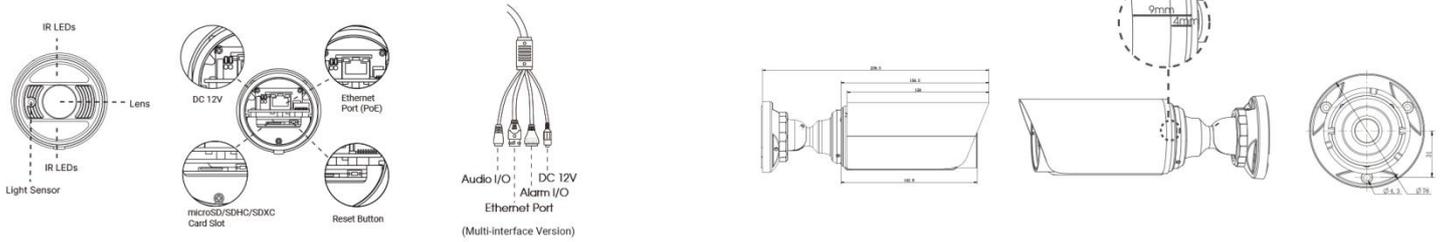


<b>Video</b>	Secondary Stream	60Hz: 60fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180) 50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)	
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180) 50Hz: 25fps@(1920x1080, 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 28 areas(24 mask areas and 4 mosaic areas)	
	ROI	Up to 8 areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
<b>Network</b>	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	
<b>Audio</b>	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	
<b>System</b>	System Compatibility	API, HTTP, TCP, Wiegand Protocol, ONVIF Profile G & Q & S & T	
	Storage	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.	
<b>General</b>	Working Temperature	-40°C~60°C	
	Working Humidity	0~95%(Non-condensing)	
	Power Supply	PoE (802.3at) / DC 12V±10%	
	Power Consumption	5W MAX 25W MAX (For White LED Light)	5W MAX 25W MAX (For IR LED Light)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance	
	Housing	Vandal-proof IK10-rated Metal Housing (Without Supplement Light)	
	Surge Protection	4KV	
	Weight	1630g 2075g (With Supplement Light)	
	Dimensions	320mmX134mmX126mm 320mmX134mmX231mm (With Supplement Light)	
	Warranty	3/5 Years	

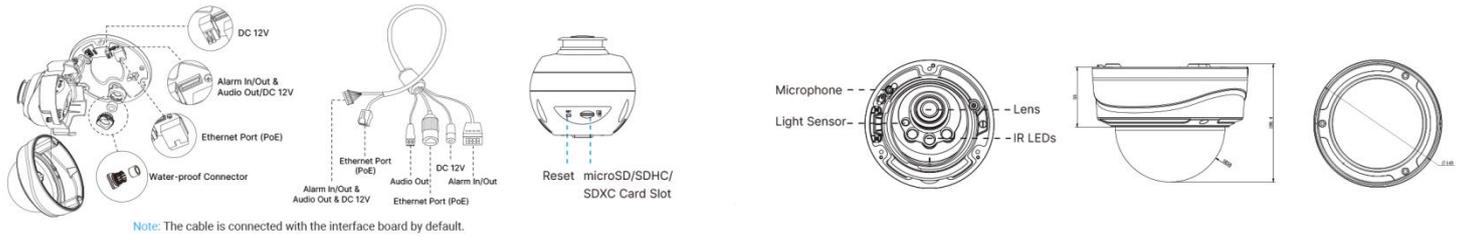


## Structure Diagrams

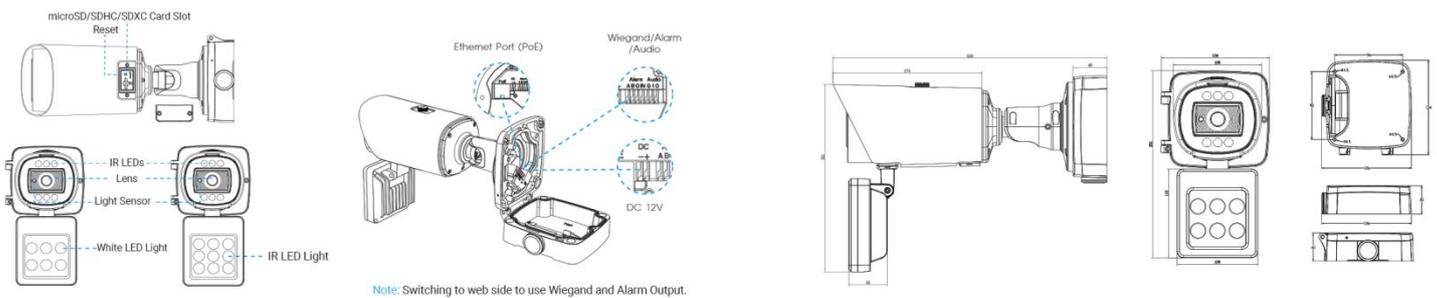
### Entrance & Exit AI LPR Bullet Camera



### Entrance & Exit AI LPR Pro Dome Camera



### Entrance & Exit Supplement Light AI LPR Pro Bullet Plus Camera



Units: mm

## Accessories Support

### Entrance & Exit AI LPR Bullet Camera

A01 Pole Mount

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



A03 External Corner Bracket

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



A63 Junction Box

Weight: 620g  
Dimensions: 134\*126\*40mm



### Entrance & Exit AI LPR Pro Dome Camera

A01 Pole Mount

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



A03 External Corner Bracket

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



A72 Wall Mount

Weight: 560g  
Dimensions: 240\*160\*136mm



AC-72 Smoked Dome Cover

For concealing where a camera is pointed



A75 Junction Box

Weight: 200g  
Dimensions: 145\*167\*33.5mm



A76 Pendant Mount

Weight: 620g  
Dimensions: 136\*L (Lis default as 300mm, also can be extended with A76-L)



A76-L Extension Lever

Weight: 315g  
Dimensions: 34\*300mm



A78 Recessed Mount

Weight: 715g  
Dimensions: 256\*256\*94mm



### Entrance & Exit Supplement Light AI LPR Pro Bullet Plus Camera

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

