PRO ⚙

LPR PTZ Bullet

LPR GCC Version

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.

Integrated Cable Management Bracket

Intergrated Cable Management provides easier and faster installation for the users. Versatile interfaces such as PoE, DC, Audio 1/0 and Alarm 1/0 are available. The well-designed integrated junction box also makes the cable connection neat and tidy.

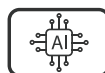### 3 in 1 Super WDR Pro & 0.002Lux Ultra Low-light

140dB Super WDR Pro combines 3 frames with multiple exposures to get the optimal images especially moving subjects in high contrast lighting situations. Meanwhile, the 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.

FEATURES

• Smart IR II Combining the High Beam and Low Beam to adjust IR intensity.

• Smart Stream saves on H.265+ 70%~80% bandwidth that of H.264.

• Smart PTZ Motion Detection.

• Keyboard Control.

• 300 Preset Positions.

| AI | LPR Recognation | H.265+ HEVC | SUPER WDR | STARLIGHT |
| PrivacyMasking | G Q S T Onvif | SD XC SD card | Weather Proof | PoE | IR |

MICROVIEW surveillance

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★★★★★

TECHNICAL SPECIFICATION

CAMERA

	MV-P228-UPB (2MP)	MV-P528-UPB (5MP)
Image Sensor	1/2.8" Progressive Scan CMOS	
Min. Illumination	Color: 0.002Lux@F1.2 Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 Color: 0.008Lux@F1.6 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 140m	
Digital Zoom	16X	
Day/Night Mode	Day/Night/Auto/Customize/Schedule	
S/N	>55dB	

LENS

Focal Length	5.3~64mm, 12X Optical Zoom	
Zoom Speed	Approx 4s (Wide-Tele)	
Field of View	H61°~H5°/D69°~D5°/V36°~V2°	H57°~H4°/D69°~D5°/V44°~V1°
Focus Control	Auto/Semi-Auto/Manual	
Minimum Working Distance	1000/1500mm (Wide/Tele)	
Aperture	F1.6~F2.8	
Iris Control	Auto	

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

PTZ

Pan Range/Pan Speed	360°endless / Pan Manual Speed: 0.1°~50°/s, Pan Preset Speed: 50°/s
Tilt Range/Tilt Speed	-45°~30° / Tilt Manual Speed: 0.1°~25°/s, Tilt Preset Speed: 25°/s
Proportional Zoom	Support
Preset Quantity	300
Patrol	8 Patrols, up to 48 presets each patrol
Pattern	4 Patterns
Auto Tracking	Support
Power Off Memory	Support
Other Function	Auto Scan, Auto Home, Preset Freezing, 3D Positioning, PTZ Limits, Initial Position

TECHNICAL SPECIFICATION

VIDEO

	MV-P228-UPB (2MP)	MV-P528-UPB (5MP)
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	

NETWORK

Ethernet	1*RJ45 10M/100M Ethernet Port	
Audio I/O	1/1 (Optional)	
Alarm I/O	1/1 (Optional)	

NETWORK

Network Storage	NAS(Support NFS, SMB/CIFS), ANR (Automatic Network Replenishment)	
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

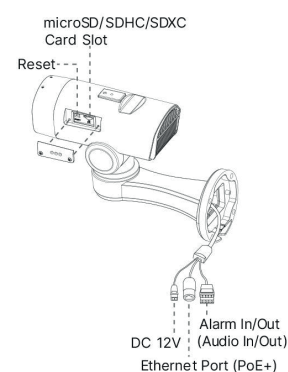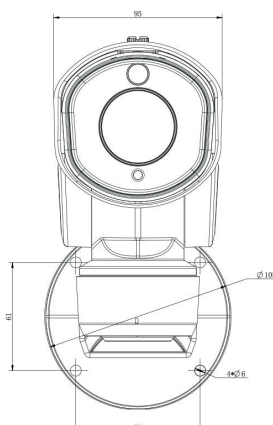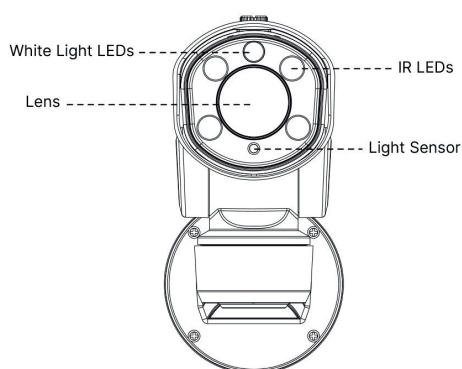|		
Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256Gb	
Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
SIP/VoIP Support	Yes, Voice & Video-over-IP	
Event Trigger	Black/White List, Motion Detection, Network Disconnection, External Input (Optional), Audio Alarm (Optional), etc.	
Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output (Optional), SIP Phone, White LED, PTZ Motion, HTTP Notification, etc.	
License Plate Recognition	Support	
System Compatibility	ONVIF Profile G & Q & S & T, API	

TAA NDAA COMPLIANT
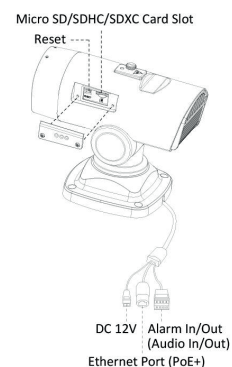
PRO SERIES ⚙
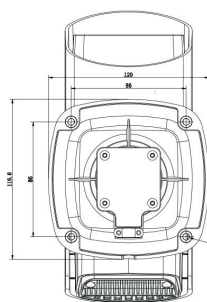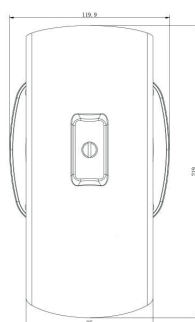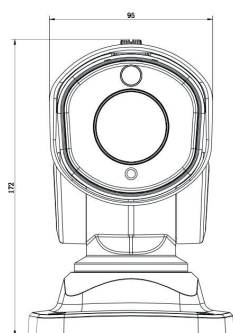
GENERAL

Working Temperature	-40°C~60°C
Working Humidity	0~90%(Non-condensing)
Power Supply	PoE (802.3at) / DC 12V/2A±10%
Power Consumption	15W MAX / 20W MAX (With IR on) 14W MAX / 20W MAX (With IR on)
Weather Proof	Up to IP66-rated for Weather-resistant Performance
Weight	2Kg (Wall Mount) / 1.8Kg (Pedestal Mount)
Dimensions	160mmX273.5mmX210mm (Wall Mount) / 218mmX120mmX172mm (Pedestal Mount)
Warranty	2 Years / 3 Years (Optional)

STRUCTURE DIAGRAMS

WALL MOUNT

White Light LEDs
Lens
IR LEDs
Light Sensor

microSD/SDHC/SDXC Card Slot
Reset
Alarm In/Out (Audio In/Out)
DC 12V
Ethernet Port (PoE+)

PEDESTAL MOUNT

Micro SD/SDHC/SDXC Card Slot
Reset
DC 12V   Alarm In/Out (Audio In/Out)
Ethernet Port (PoE+)

Units: mm

ACCESSORIES

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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