PRO ⚙

PTZ Ultra Bullet

AI 5X/12X/20X/23X PTZ Network Camera

AI Video Analytics

- 8 intelligent VCA modes powered by AI engine, which can intelligently filter objects to focus on human and vehicle detection.
- People Counting technology provides high accuracy and real-time data based on AI algorithm with statistic reports.
- Face Detection function detects human faces in the monitoring scene and captures the snapshots, which greatly enhances the monitoring efficiency.

12X Optical Zoom

The 12X optical zoom can zoom up to distant subjects while still maintaining the clarity, delivering high quality video over the entire zoom range.

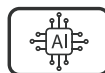### 3 in 1 Super WDR Pro -140dB & 0.002Lux Ultra Low-light

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.

Flexible Installation Modes

With two installation modes of Wall Mount and Pedestal Mount, the PTZ camera, to a greater extent, meets different installation needs for different application scenarios.

FEATURES

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

- Smart PTZ Motion Detection.

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

- Keyboard Control (Shortcut keys for PTZ control via Keyboard.)

- IR LEDs & White LED

AI | H.265+ HEVC | STARLIGHT | SDXC SD card | SUPER WDR | IR

PrivacyMasking | G Q S T Onvif | PoE | Weather Proof

TEL: +1-877-6774040   **EMAIL:** info@microviewsecurity.com   **WEBSITE:** www.microviewsecurity.com
MICROVIEW SECURITY: 70 East Sunrise Highway Valley Stream, NY 11581, New York

MICROVIEW surveillance

TECHNICAL SPECIFICATION

CAMERA

	MV-P228-X12-PTZ-UB (2MP)	MV-P528-X12-PTZ-UB (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	

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

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: 60fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180) 50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)

TECHNICAL SPECIFICATION

VIDEO

	MV-P228-X12-PTZ-UB (2MP)	MV-P528-X12-PTZ-UB (5MP)
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/1000M 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	

INTELLIGENT ANALYTICS

Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed	
Face Detection	Detect and capture faces, get real-time snapshots	
People Counting & Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting	

SYSTEM

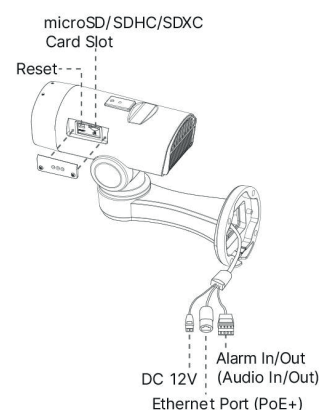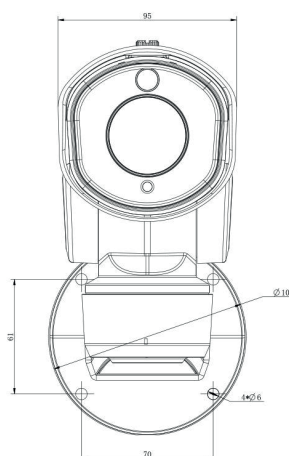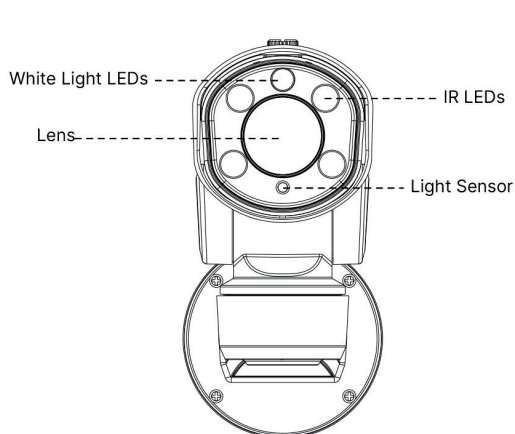|		
Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256Gb	
Advanced Function	BLC, HLC, 2D DNR, 3D DNR,Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark	
SIP/VoIP Support	Yes, Voice & Video-over-IP	
Event Trigger	Motion Detection, Network Disconnection, 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.	
System Compatibility	ONVIF Profile G & Q & S & T, API	

TECHNICAL SPECIFICATION

GENERAL

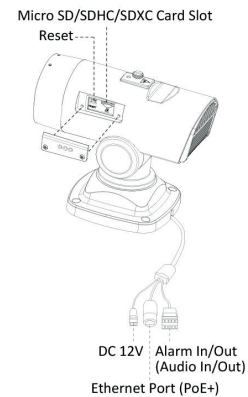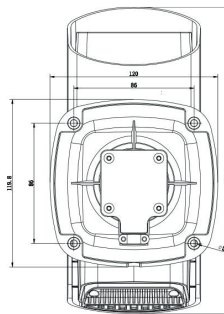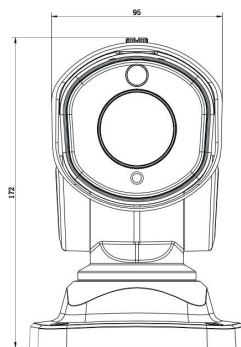|	MV-P228-X12-PTZ-UB (2MP)	MV-P528-X12-PTZ-UB (5MP)
Working Temperature	-40°C~60°C	
Working Humidity	0~90%(Non-condensing)	
Power Supply	PoE (802.3at) / DC 12V/2A±10%	
Power Consumption	15W MAX / 20W MAX (With IR on)	14W MAX / 20W MAX (With IR on)
Housing	Up to IP66-rated for Weather-resistant Performance	
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

95 / Ø105 / 61 / 70 / 4-Ø6

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

STRUCTURE DIAGRAMS

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