

VI-1000



Full HD Pinhole IP Camera

- Easy and Flexible Installation
- Covert Surveillance Solution
- Full HD 1080p, 30fps
- Image Rotation for Vertically Oriented Space
- H.264 and MJPEG Compression
- Digital Day/Night and WDR
- Embedded Video Analytics
- Micro SD/SDHC Memory Card Slot
- Power-Over Ethernet (IEEE 802.3af)
- Flush and Surface Mount Brackets Included



Video	
Video Compression	H.264 Baseline, Main, High Profile (MPEG-4 Part 10/AVC), MJPEG (Motion JPEG)
Video Streaming	Dual Stream, Configurable streams in H.264 MJPEG H.264: Controllable frame rate, bandwidth (VBR/CBR) MJPEG: Controllable frame rate, JPEG quality
Resolutions	1920 x 1080, 1280 x 720, 1120 x 630, 960 x 540, 800 x 450, 640 x 360, 480 x 270, 320 x 180
Frame Rate	H.264: Max 30fps in all resolutions MJPEG: Max 30fps in all resolutions
Image Settings	Configurable brightness, contrast, saturation and sharpness
Image Orientation	Flip/Mirror/Corridor Mode (-90°, +90°)
Noise Filter	Supported (0 ~ 3)
Smart Bitrate Control	Supported
Exposure Adjustment	+1.0, +0.6, +0.3, 0, -0.3, -0.6, -1.0 EV
White Balance	ATW / Manual
Black Light Compensation	On (Possible to designate zone)/Off
Flicker Control	Normal, 50Hz, 60Hz
DSS (Sens-up)	2X ~ 16X
Video Stabilization	Supported
Burnt-in Text	Time stamp and text caption overlay
Privacy Mask	4 Configurable regions
Analogue Output	-

Camera	
Image Sensor	1/3" 1080p CMOS
Effective Pixels	1920 x 1080
Scanning System	Progressive Scanning
AGC Control	Auto
Minimum Illumination	Color: 1.0Lux / B/W: 0.007Lux (DSS ON)
Lens	208mm, F2.0
Angle of View	Horizontal: Approx. 82°; Vertical: Approx. 43°
Shutter Time	1/10,000s to 1/2s
Day & Night	Digital
Wide Dynamic Range (WDR)	Digital

Network	
Ethernet Standard Protocol	10/100 Base-T QoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP/UDP, RTP/TCP, mDNS, UPnP, SMTP, DHCP, DNS, DynDNS, NTP, SNMPv1/v2c/v3 (MIB-II), IGMP, ICMP, SSLv2/v3, TLSv1
Security	Multi-level access with password protection

Integration	
Application Programming Interface	ONVIF Compliant (Profile S)
Event Sources	Video Motion Detection; Tamper Detection; Video Content Analytics (VCA); Network Setting Change; Sensor (DI)
Event Actions	File Upload: E-mail, FTP Notification: E-mail, FTP, HTTP, TCP Trigger-Alarm (DO)
Event Metadata Streaming (RTSP/RTP)	Video Motion Detection (MD); Video Content Analytics (VCA)

General	
Material	Polycarbonate; White
Cable Length	6.1 (20ft)
Edge Storage	1x micro SD/SDHC memory card slot (card not included)**
External I/O terminals	1x Alarm In, 1x Alarm Out
Users	Live viewing for up to 10 clients
Power Source/Consumption	DC 12V, PoE / 3W @ DC 12V
Operating Conditions	Humidity up to 90% RH (non-condensing) [DC12V] [PoE] -10°C ~ 50°C (14°F ~ 122°F)
Approvals	FCC, CE, KC
Weight	Main Unit: 225g Camera Unit: 250g

VIDEO ANALYTICS	
Analytics Engine	Advanced tracking algorithm with rich library of detection behaviors
Detection Zones & Rules	40 zones (Multi-segment polygons and lines) in total 60 rules in total
Tamper Detection	Supported
Camera Shake Cancellation	Supported*

VIDEO ANALYTICS (Optional Features)	
Detection Behavior	Direction, stopping, dwell, entering, exiting, appear and disappear filters, abandoned/removed object detection, tailgating detection
3D Behavior	Perspective corrected size and speed filters
Counting	20 counters in total
Counting Line	High accuracy people and vehicle counting
Meta Data	Plain XML format

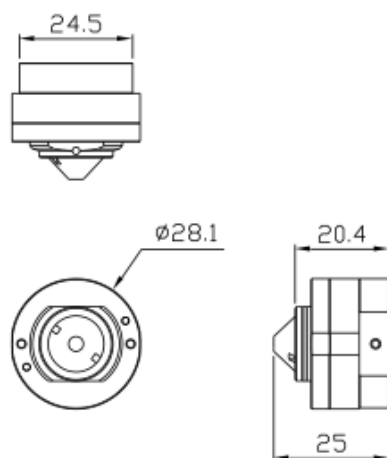
Preliminary Version Data subject to change without notice.

*Please check firmware status. **Class4 or higher SD cards are recommended for HD recording.

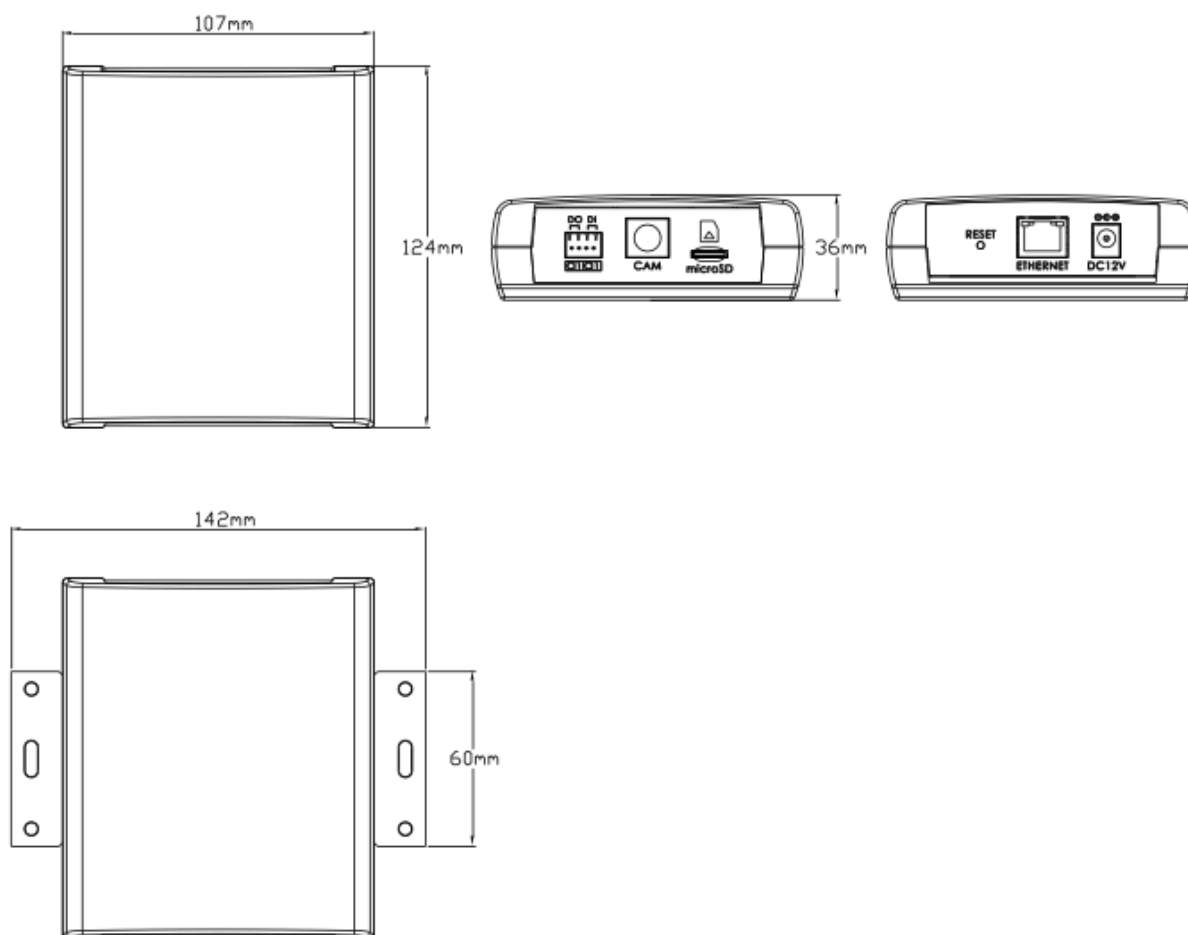
VI-1000

Dimensions (Unit: mm)

[Camera Unit]



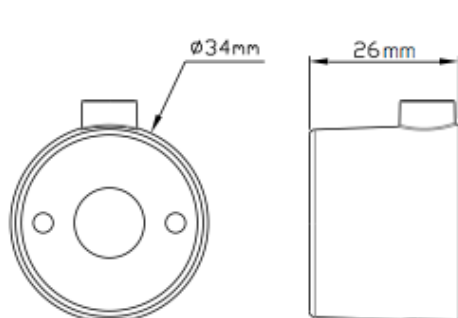
[Main Unit]



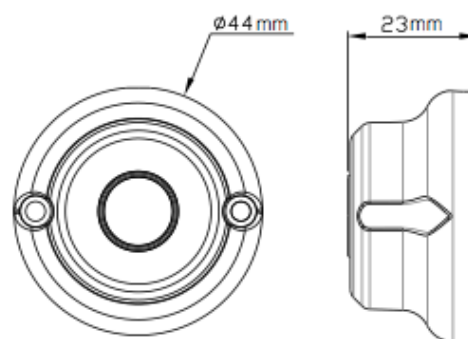
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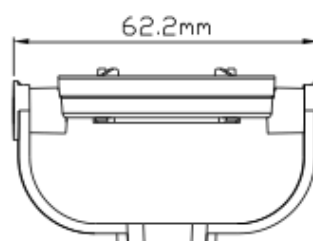
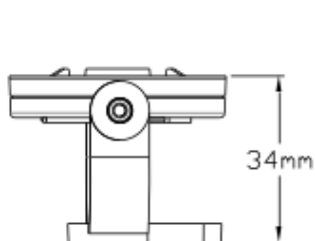
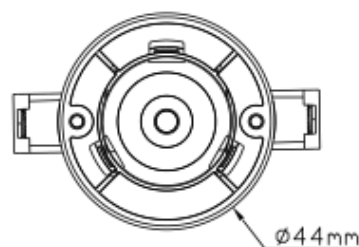
[Accessories]



Covert Mount Bracket



Surface Mount Bracket



Pan & Tilt Bracket

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