

VI-1300



Full HD Mini Dome IP Camera

- Full HD 1080p 30fps
- H.264 and MJPEG Compression
- True Day/Night and WDR
- Built-In IR Illuminator with 10m Viewing Distance
- Embedded Video Analytics
- MicroSD/SDHC Memory Card Slot
- Power-Over Ethernet (IEEE 802.3af)



CAMERA	
Model	VI-1300
Image Sensor	SONY EXMOR 1/2.9" 1080p CMOS
Effective Pixels	1920 x 1080
Scanning System	Progressive scanning
AGC Control	Auto
Auto IRIS (DC)	-
Minimum Illumination	Color: 0.5 Lux/B/W: 0 Lux (IR LED On)
Lens	4.0mm, F1.8
Angle of View	Horizontal: Approx. 86° Vertical: Approx. 51°
Shutter Time	1/10,000s to 1/2s
Day/Night & WDR	True Day & Night (Removable IR_cut filter)
Wide Dynamic Range	Digital WDR
Focus Assist	Supported

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 resolution MJPEG: Max 30fps in all resolution
Image Settings	Configurable brightness, contrast, saturation, sharpness
Orientation Control	Flip / Mirror / Corridor Mode(-90°, +90°)
Noise Filter	Supported (0 - 3)
Smart Bitrate Control	Supported (It works in VBR mode)
Exposure Adjustment	+1.0, +0.6, +0.3, 0, -0.3, -0.6, -1.0 EV
White Balance	ATW1/ATW2/Manual/Push
Back 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
Analog Output	-

IR ILLUMINATOR	
IR LED	IR LED x 12 (850nm)
IR Working Distance	10m (30IRE)
Smart IR	Supported (Automatically adjust the infrared light to the best, according to the brightness of the scene)

EDGE STORAGE	
Storage	1x MicroSD/MicroSDHC memory card slot (card not included)**
Recording Types	Continuous Recording or Event Recording
Continuous Recording	Instant recording; Search & Download
Event Recording	Search of Event Logs; Playback; Download

NETWORK	
Ethernet Standard	10/100 Base-T
IP	IPv4, IPv6
Protocol	QoS Layer 3 DiffServ, TCP/IP, UDP/IP, HTTP, HTTPS, FTP, RTSP, RTCP, RTP/UDP, RTP/TCP, mDNS, UPnP, SMTP, DHCP, DNS, DynDNS, NTP, SNMPv1/v2c/v3 (MIB-II), IGMP, ICMP, SSLv2/v3, TLSv1
Security	HTTPS (SSL), IP Filtering, Multi-level access with password protection
Users	Live viewing for up to 10 clients

INTEGRATION	
Application Programming Interface	Software Development Kit (SDK) available
ONVIF Compliance	Profile S, Profile G
Event Sources	Video Motion Detection; Tamper Detection; Video Content Analytics (VCA); Network Loss/Detect; Network Setting Change; Time (Recurrence/Schedule)
Event Actions	File upload: E-mail, FTP Notification: E-mail, FTP, HTTP, TCP Recording Event Log Saving
Event Metadata Streaming (RTSP/RTP)	Video Motion Detection (MD); Video Content Analytics (VCA)

GENERAL	
Material	Aluminum Die-Casting; Ivory
External I/O Terminals	-
Language on webpage	Korean, English, Chinese, Dutch
Power Source/Consumption	DC 12V, PoE/Max. 5W @ DC 12V
Operating conditions	Humidity up to 85% RH (non-condensing) -20°C ~ 50°C
Approvals	FCC, CE, KC
Weight	445g

VIDEO ANALYTICS	
Analytics Engine	Advanced tracking algorithm with rich library of detection behaviors
Detection Zones and Rules	40 zones (Multi-segment Polygons and Lines) in total 60 rules in total
Tamper Detection	Supported
Auto Tracking	-
VCA Preset	-

VIDEO ANALYTICS (Optional Features)	
Complex Rules	Extends standard rules to allow various combinations of the inputs
Detection Behavior	Enter, Exit, Appear, Disappear, Stop, Direction, Dwell filter; Tailgating;
Meta Data	Plain XML Format
People Tracking	Tracks individuals separately among overlapped multiple people
Color Filter	10 colors in total; distinguish objects by color

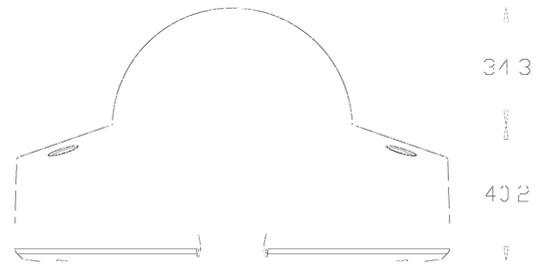
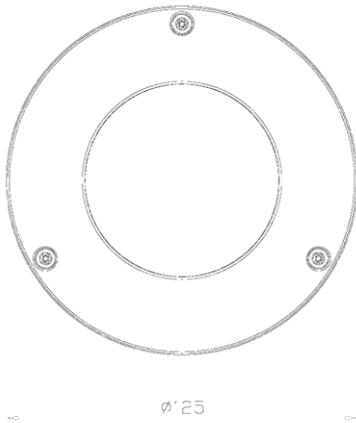
AUDIO	
Audio Streaming	-
Audio Compression	-
Audio input/output	-
3D Behavior	Perspective Corrected Size and Speed Filters
Object Classification	Configured Max./Min. object sizes and Max./Min. speeds
Counting	20 counters in total
Counting Line	High accuracy people and vehicle counting

Preliminary Version Data subject to change without notice.

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

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Dimensions



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