IPC534AI

4MP AI Smart PoE IP Turret Dome Camera with Advanced Motion Detection based on Human/Vehicle Targets Classification

AISmart

Features

- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 120 dB WDR technology
- AI Smart feature with human and vehicle targets classification based on deep learning
- Advanced motion detection with dramatic reduction of false alarms
- Water and dust resistant (IP67)

Specification

Camera
- Image Sensor: 1/3" Progressive Scan CMOS
- Max. Resolution : 2688 × 1520
- Min. Illumination : Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with white light
- Shutter Time : 1/3 s to 1/100,000 s
- Angle Adjustment: Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°

Lens
- Lens Type: Fixed focal lens, 2.8
- FOV: Horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122°

Illuminator
- IR Range: 100ft (30 meters)
- Wave length: 850nm

Video
- Main Stream: 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
- Sub-Stream: 60 Hz: 30 fps (640 × 480, 640 × 360)
- Third Stream: 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)
- Video Compression: Main stream: H.265/H.264/H.265+/H.264+
- Sub-stream: H.265/H.264/MJPEG; Third stream: H.265/H.264
- Video Bit Rate: 32 Kbps to 8 Mbps
- H.264 Type: Baseline Profile/Main Profile/High Profile
- H.265 Type: Main Profile
- Bit Rate Control: CBR/VBR
- Scalable Video Coding (SVC): H.264 and H.265 encoding
- Region Of Interest (ROI): 1 fixed region for main stream and sub-stream

Audio
- N/A

Image
- Image Parameters Switch: Yes
- Image Settings : Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
- Day/Night Switch : Auto, Schedule
- Wide Dynamic Range (WDR) : 120 dB
- Image Enhancement : BLC, HLC, 3D DNR;

Network
- Protocols: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP
- Simultaneous Live View: Up to 6 channels
- API : Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
- User/Host : Up to 32 users. 3 user levels: administrator, operator and user
- SecurityPassword protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface
- Network Storage : MicroSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
- Client : VMS-4200, Guarding Vision
- Web Browser : Plug-in required live view: IE 10+
  Plug-in free live view: Chrome 57.0+, Firefox 52.0+
  Local service: Chrome 57.0+, Firefox 52.0+

Interface
- Ethernet Interface: 1 RJ45 10 M/100 M self-adaptive Ethernet port
- On-Board Storage: Support microSD/SDHC/SDXC card, up to 256 GB
- Reset Key: Yes

Event
- Basic Event: Motion detection (human and vehicle targets classification), video tampering alarm, exception
- Face Capture : Yes

General
- Power: 12 VDC ± 25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug, reverse polarity protection; PoE: 802.3af, Class 3, 36 V to 57 V, 0.22 A to 0.13 A, max. 7 W
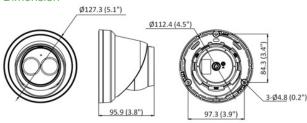- Dimension : Ø127.3 mm × 95.9 mm (Ø5.01" × 3.78")
- Package Dimension : 150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
- Weight: Approx. 600 g (1.3 lb.); With Package. 816 g (1.8 lb.)
- Startup And Operating Conditions : -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
- Protection: IP67: IEC 60529-2013

Brackets

DS-1280ZJ-DM8	DS-1280ZJ-M	DS-1281ZJ-M
Aluminum alloy Φ126.7mm×35mm	Aluminum alloy 157×184.8×53.4mm 621g	Aluminum alloy 157×184.8×53.4mm 621g
DS-1271ZJ-130-TRL	Bracket-33PM(6ft)	DS-1273ZJ-130-TRL
Aluminum alloy Φ150×567mm	Aluminum alloy Φ150×185mm	Aluminum alloy 131×183.5×228.5mm 890g

Dimension

Ø127.3 (5.1") Ø112.4 (4.5") 84.3 (3.4") 95.9 (3.8") 97.3 (3.9") 3-Ø4.8 (0.2")

Unit: mm (inch)

* Product specifications may change without prior notice.