



VIS-P4PTZXIR33NH-AIRBT

4 Megapixel IP Plug & Play, Outdoor PTZ, Motorized Auto-Focus, 4.5-148.5mm, EIS, IR Range up to 656', WDR, White Light up to 328', Red/Blue Flashing Deterrent Light and/or Siren, Built-in Speaker, SD Card Slot, DC12V/PoE+

Features

- True AI Human & Vehicle Classification for Line Crossing, Intrusion Detection & Other AI Features
- Supports Electronic Image Stabilization (EIS) – Eliminates shake in zoomed-in views on high-mounted or wind-exposed PTZs
- 4 Megapixel Resolution
- Motorized Auto-Focus 4.5-148.5 mm Lens
- True Day/Night with IR Range up to 656'
- Starlight Illumination
- Ultra 265,H.265,H.264, MJPEG
- 60 FPS Recording and Live
- True WDR 120dB
- Micro SD Slot: Up to 512GB
- Audio Input
- Audio Output: Built-in Speaker
- IP67 Weatherproof
- IK10 Vandal Resistant
- 12VDC/PoE+ Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones Tablets
- Free Central Management Software (CMS) for PC/MAC

Camera	
Max Resolution	4 MP
Sensor	1/2.8" CMOS
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
WDR	120 dB
S/N	> 56 dB
Case Type	PT
Lens	
Focal Length	4.5 to 148.5 mm
Digital Zoom	8X
Optical Zoom	33X
Iris	F1.5 to F4.0
Field of View (H)	53.61° to 2.68°
Field of View (V)	31.73° to 1.50°
Field of View (D)	63.26° to 3.30°
DORI	
DORI Distance (Detect)	346.9 ft. to 10408.5 ft (105.8 m to 3172.5 m)
DORI Distance (Observe)	138.8 ft. to 4163.4 ft (42.3 m to 1269.0 m)
DORI Distance (Recognize)	69.4 ft. to 2081.7 ft (21.2 m to 634.5 m)
DORI Distance (Identify)	34.8 ft. to 1041.0 ft (10.6 m to 317.3 m)
Video	
Video Compression	H.265, H.264, MJPEG, Ultra 265
Frame Rate	Main Stream Max: 4 MP (2688 × 1520), 60 fps Main Stream Default: 4 MP (2560 × 1440), 25 fps Sub Stream Max: 1080P (1920 × 1080), 60 fps Third Stream Max: D1 (720 × 576), 60 fps Fourth Stream Max: D1 (720 × 576), 60 fps Fifth Stream Max: D1 (720 × 576), 60 fps
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
Privacy Mask	24 areas, up to 8 areas per scene
ROI	Up to 8 areas
Video Stream	Five streams
OSD	Up to 10 OSDs
Events	
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, Alarm input, Alarm output, HTTP authentication
Audio	
Audio Compression	G.711U, G.711A
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz, 16 kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	NAS (NFS)

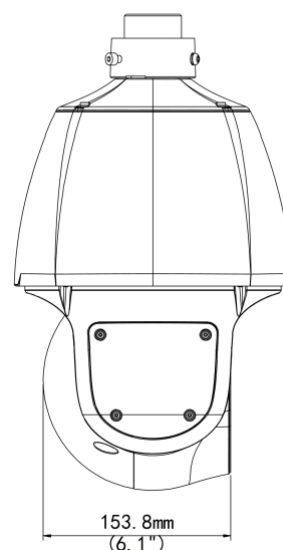
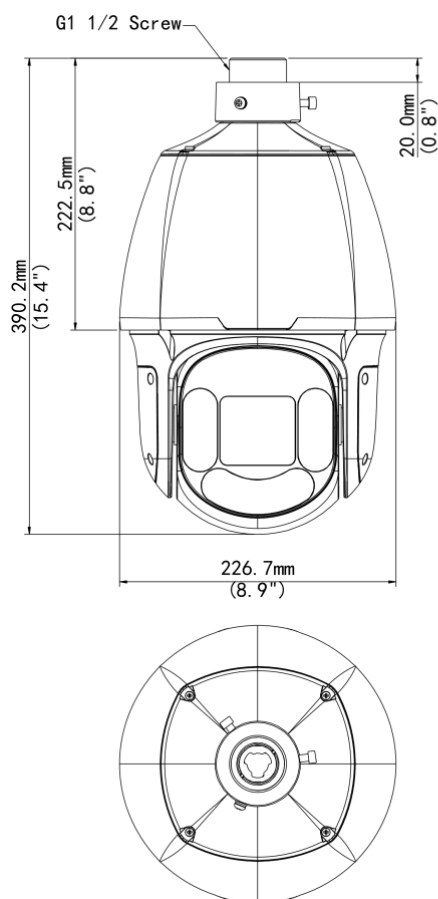
Network	
Protocols	SSH, IGMP, RTP, RTMP, RTCP, IPv4, SSL/TLS, QoS, 802.1x, HTTPS, HTTP, UPnP, NTP, DDNS, DNS, RTSP, DHCP, UDP, TCP, ARP, ICMP, IPv6, SMTP, PPPoE, SNMP
Compatible Integration	SDK, API, ONVIF (Profile S, Profile G, Profile T, Profile M)
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Security	Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF, TLS 1.3
Clients	InVid Vision (Mobile App), Vision Tools (IP Utility), InVid CMS
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
PTZ	
Preset Patrol	16 patrols, up to 64 presets for each patrol
Patrol Stay Time	15 s to 1800 s
Tilt Range	-15° to 90° (auto flip)
Pan Speed	0.1°/s to 288°/s
Pan Range	360° (endless)
Preset Image Freeze	Support
Home Position	Support
Tilt Speed	0.1°/s to 288°/s
Number of Presets	1024
Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2, Area white balance
Digital Noise Reduction	2D/3D DNR
BLC	Support
Flip	Normal, Flip vertical, Flip horizontal, 180°
HLC	Support
Defog	Digital defog
Low Illumination Characteristics	ColorHunter with wise-ISP
Image Stabilization	EIS (Gyroscope/Electronic Image Stabilization)
Interface	
Audio I/O	1 Input: impedance 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2.5 V [p-p]
Alarm I/O	2/1
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Built-in Speaker	Support
Serial Port	1 × RS485
Intelligent	
People Counting	Support people flow counting and crowd density detection
Exception Detection	Object removed, Object Left Behind
Auto Tracking	Supported
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)

Ordering Information

VIS-P4PTZXIR33NH-AIRBT: 4 Megapixel PTZ

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Illuminator	
Illumination Distance (Warm Light)	328.1 ft (100 m)
Illumination Distance (IR)	656.2 ft (200 m)
Certification	
Safety	UL (UL 62368-1) CUL (CAN/CSA C22.2 No. 62368-1) CE-LVD (EN IEC 62368-1)
EMC	CE-EMC (EN 55032; EN IEC 61000-3-2; EN 61000-3-3; EN 50130) CC SDoC (47 CFR Part 15; Subpart B)
Environment	CE-ROHS (2011/65/EU; (EU) 2015/863) WEEE (2012/19/EU)
Protection	IP67 (IEC 60529) ; IK10 (IEC62262; Anti-Vandalism Except for the Front Window)
General	
Power Interface	Wires with cold-pressed terminal
Dimensions (Ø × H)	Ø8.9" × 15.4" (Ø227 mm × 390 mm)
Weight	11.59 lb (5.26 kg)
Storage Environment	-40°F ~ 158°F (-40°C ~ 70°C), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	6 KV
Working Environment	-40°F ~ 158°F (-40°C ~ 70°C), Humidity: ≤ 95% RH (non-condensing)
Reset Button	Support
Power	DC 24 V±25%, AC 24 V±25%, PoE+ (IEEE 802.3at)
Power Consumption	Max. 20.88 W
LED Indicator	1, red/blue
Configurable	
P/N	Support
Live View	
3D Privacy Mask	Support
Compliance	
NDAA Compliant	Support



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