



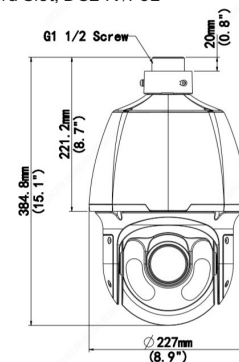
## VIS-P2PTZXIR33NH

2 Megapixel IP Plug & Play, Outdoor PTZ, Motorized Auto-Focus, up to 492 IR Range, WDR, Audio Input/Output, SD Card Slot, DC24V/PoE++

### Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- 2 Megapixel Resolution
- Motorized Auto-Focus, 4.5-148.5mm
- True Day/Night with Smart IR Range up to 492'
- Starlight Illumination
- Ultra H.265,H.265,H.264,MJPEG Compression
- 60 FPS Recording and Live
- True WDR 120dB
- Micro SD Slot: Up to 256GB

- Audio Input
- Audio Output
- IP66 Weather Resistant
- DC24V/PoE++ Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client



Camera	VIS-P2PTZXIR33NH				
Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS				
Min. Illumination	Colour: 0.001 Lux (F1.5, AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
WDR	120dB				
S/N	>52dB				
Lens					
Lens	4.5 ~ 148.5mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	33				
Iris	Auto; F1.5 ~ F4.0				
Angle of View (H)	56.2° ~ 2.6°				
Angle of View (V)	33.5° ~ 1.4°				
Angle of View (O)	69.1° ~ 3.1°				
DORI					
DORI Distance	Lens	Detect(ft)	Observe(ft)	Recognize(ft)	Identify(ft)
	4.5mm	239.3 (72.9m)	95.7 (29.2m)	47.9 (14.6m)	23.9(7.3)
	148.5mm	7179.3(2187.9m)	2871.3(875.2m)	1435.7(437.6m)	717.8(218.8m)
Illuminator					
IR Range	Up to 492 ft (150m) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 2MP(1920*1080),Max 60fps; Sub Stream: 2MP (1920*1080), Max 60fps; Third Stream: D1 (720*576), Max 60fps;				
Video Bit Rate	128 Kbps~16 Mbps				
U-code	Support				
ROI	Support				
Video Stream	Triple streams				
OSD	Up to 8 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
Image					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital Noise Reduction	2D/3D DNR				
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise				
HLC	Support				
BLC	Support				
Defog	Digital Defog				
Intelligent					
Smart Intrusion Prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection				
People Counting	Support people flow counting and crowd density monitoring				
Events					
Basic Detection	Motion detection, Audio detection, Tampering Alarm				
Auto Tracking	Support (Based off Human & Vehicle Classification)				
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication				
Audio					
Audio Compression	G.711U,G.711A				
Audio Bitrate	64 Kbps				
Two-way Audio	Support				
Suppression	Support				
Sampling Rate	8 kHz				
Storage					
Edge Storage	Micro SD, up to 256 GB				
Network Storage	ANR,NAS(NFS)				

Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
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
Client	InVid Vision (Mobile App) Vision Tools (IP Utility) InVid CMS
Web Browser	Plug-in required live view: IE9+, Chrome 41 & below, Firefox 52 & below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Pan & Tilt	
Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 200°/s Preset speed: 300°/s
Tilt Range	-15° ~ 90° (auto reverse)
Tilt Speed	0.1° ~ 200°/s Preset speed: 240°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Route Patrol	16 patrols, up to 32 actions for each patrol
Recorded Patrol	16 patrols, up to 128 actions for each patrol
Patrol Stay Time	15s~1800s
Preset Image Freeze	Support
Home Position	Support
Interface	
Audio I/O	1/1
Alarm I/O	2/1
Serial Port	1 RS485
Built-in Mic	N/A
Built-in Speaker	N/A
WiFi	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC
Certification	
EMC	CE-EMC (EN 55032:2015+A11:2020; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 55035:2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-ROHS (2011/65/EU);(EU)2015/863); WEEE (2012/19/EU); REACH (Regulation (EC) No 1907/2006)
Protection	IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)
General	
Power	AC 24V±25%, DC 24V±25%, PoE++ (PSE Required) Power consumption: Max 41W
Power Interface	Wires with cold-pressed terminal
Dimensions (Ø x H)	Ø8.9" x 15.1" (Ø227 x 384.8mm)
Weight	11.88lb (5.39kg)
Working Environment	-40°F ~ 158°F (-40°C ~ 70°C) , Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°F ~ 158°F (-40°C ~ 70°C) , Humidity: ≤95% RH (non-condensing)
Surge protection	6KV
Reset Button	Support

### Ordering Information

**VIS-P2PTZXIR33NH:** Motorized Auto-Focus, 4.5-148.5mm

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