



VIS-P5PTZXIR2812NH

5 Megapixel IP Plug & Play, Outdoor PTZ, Motorized Auto-Focus, 2.8-12mm, 164' IR Range, WDR, White Light & Deterrent, Built-in Mic/Speaker, SD Card Slot, DC12V/PoE+

Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- White Light & Deterrent: AI Triggered
- 5 Megapixel Resolution
- Motorized Auto-Focus 2.8-12mm Lens
- True Day/Night with IR Range up to 164'
- Smart IRs
- Starlight Illumination
- Ultra 265,H.265,H.264, MJPEG
- True WDR 120dB
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- Audio Output: Built-in Speaker
- IP66 Weather Resistant
- 12VDC/PoE+ Operation
- ONVIF
- Cloud Upgradable
- Free iOS & Android Apps for Smart Phones & Tablets
- Vision CMS
- Free MAC Client
- NDAA Compliant

Camera	
Sensor	1/2.7" progressive scan, 5.0 megapixel, CMOS
Lens	2.8"~12mm, AF automatic focusing and motorized zoom lens
DORI Distance	Lens Detect(m) Observe(m) Recognize(m) Identify(m)
	2.8mm 206.7(63m) 82.7(25.2m) 41.3(12.6m) 20.7(6.3m)
	12mm 885.8(270m) 354.3(108m) 177.2(54m) 88.6(27m)
Angle of View (H)	30.6°~104.1°
Angle of View (V)	17.4°~54.9°
Angle of View (O)	34.4°~108.3°
Shutter	Auto/Manual, shutter time: 1 s ~ 1/100000 s
Minimum Illumination	Colour: 0.003 lux (F1.6,AGC ON) 0 lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Digital noise reduction	2D/3D DNR
S/N	>52 dB
IR Range	UP to 164 ft (50m)
Wavelength	850nm
IR On/Off Control	Auto/Manual
Warm Light Range	UP to 33ft (10m)
WDR	120dB
Video	
Video Compression	Ultra 265,H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile
Video Bit Rate	128 Kbps ~ 16 Mbps
OSD	Up to 8 OSDs
Frame Rate	Main Stream: 5MP (2880*1620), Max 30fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 25fps; 2MP (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;
Privacy Mask	Up to 8 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
HLC	Supported
BLC	Supported
Intelligent	
Smart intrusion Prevention	Cross Line, Intrusion, Enter Area, Leave Area detection; Motion detection;
Auto Tracking	Supported (Human Detection only)
Events	
Basic Detection	Motion detection, Tampering alarm, Audio Detection

General Function	Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U, G.711A
Two-way Audio	Supported
Suppression	Supported
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, SSL
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Clients	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	0°~345°
Pan Speed	0.1°/s ~ 50°/s Preset speed: 50°/s
Tilt Range	-10~110°
Tilt Speed	0.1° ~ 40°/s Preset speed: 40°/s
Number of Presets	256
Patrol	Preset patrol, Route patrol
Interface	
Network	1 RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Supported
Audio Sensitivity	-32±3dB
Built-in Speaker	Supported
Alarm Light	Supported
Certifications	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
General	
Power	DC 12V±25%, PoE+ (IEEE802.3 at) Power consumption: Max 18 W
Dimensions (Ø x H)	Φ5.2" x 10.6" (Φ133mm*269.4mm)
Net Weight	1.92lb (0.87 kg)
Gross Weight	2.49lb (1.13 kg)
Material	Metal + Plastic
Working Environment	-4°F to 140°F (-20°C ~ 60°C), Humidity:≤95% RH(non-condensing)
Storage Environment	-4°F to 140°F (-20°C ~ 60°C), Humidity:≤95% RH(non-condensing)
Surge Protection	4KV
Ingress Protection	IP66
Reset Button	Supported

Ordering Information

VIS-P5PTZXIR2812NH: 2.8-12mm Auto-Focus Motorized

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