



VIS-P8TXIR28NH-AIWL

8 Megapixel IP Plug & Play, Outdoor Turret, Fixed Lens, up to 98' IR Range, True WDR, White Light & Deterrent, Built-in Mic/Speaker, SD Card Slot, PoE/12VDC

Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- White Light & Deterrent: AI Triggered
- 8 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 98'
- Smart IRs
- Starlight Illumination
- Ultra 265,H.265,H.264, MJPEG
- 30 FPS Recording and Live
- True WDR 120dB
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- Audio Output: Built-in Speaker
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Vision CMS
- Free MAC Client
- NDAA Compliant

Camera																
Sensor	1/2.8", 8.0 megapixel, progressive scan, CMOS															
Lens	2.8mm@F1.6 4.0mm@F1.6															
Minimum Illumination	Colour: 0.003Lux (F1.6, AGC ON) 0Lux with IR on															
Day/Night	IR-cut filter with auto switch (ICR)															
Shutter	Auto/Manual, 1 ~ 1/100000s															
Adjustment angle	Pan: 0° ~ 360° Tilt: 0° ~ 80° Rotate: 0° ~ 360°															
WDR	120dB															
S/N	>56dB															
Lens																
Lens	2.8mm@F1.6 4.0mm@F1.6															
Angle of View (H)	106.7° 87.5°															
Angle of View (V)	57.1° 46.3°															
Angle of View (O)	115.7° 92.4°															
DORI																
DORI Distance	<table border="1"> <thead> <tr> <th>Lens (mm)</th> <th>Detect (ft)</th> <th>Observe (ft)</th> <th>Recognize (ft)</th> <th>Identify (ft)</th> </tr> </thead> <tbody> <tr> <td>2.8</td> <td>285.1 (86.9m)</td> <td>114.2 (34.8)</td> <td>57.1 (17.4)</td> <td>28.5 (8.7)</td> </tr> <tr> <td>4.0</td> <td>407.2 (124.1)</td> <td>163.1 (49.7)</td> <td>81.4 (24.8)</td> <td>40.7 (12.4)</td> </tr> </tbody> </table>	Lens (mm)	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)	2.8	285.1 (86.9m)	114.2 (34.8)	57.1 (17.4)	28.5 (8.7)	4.0	407.2 (124.1)	163.1 (49.7)	81.4 (24.8)	40.7 (12.4)
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Illuminator																
IR Range	Up to 98 ft (30m) IR range															
Wavelength	850nm															
IR On/Off Control	Auto/Manual															
Video																
Video Compression	Ultra 265, H.265, H.264, MJPEG															
H.264 code profile	Baseline profile, Main profile, High profile															
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; 640*360, Max 30fps; D1 (720*576), 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;															
Video Bit Rate	128 Kbps~16 Mbps															
U-code	Support															
ROI	Up to 8 areas															
Video Stream	Triple streams															
OSD	Up to 8 OSDs															
Privacy Mask	Up to 4 areas															
Image																
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2															
Image Setting	Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser															
Digital Noise Reduction	2D/3D DNR															
Smart IR	Support															
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise															
Dewarping	Supported															
HLC	Supported															
BLC	Supported															
Defog	Digital Defog															

Intelligent	
Smart intrusion prevention	Support false alarm filtering: Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection
Face capture	Support
Statistical Analysis	People counting, support tripwire people counting and area people counting
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.711
Audio Bitrate	64 Kbps
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
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, SSH
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 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+
Interface	
Built-in Mic	Support
Audio Sensitivity	102dB, Frequency: 550Hz~20KHz, Output: 2W
Built-in Speaker	Support
Network	1 RJ45 10M/100M Base-TX Ethernet
Certifications	
EMC	FCC CFR 47 Part 15 EN 55032:2015 EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3-2013
Safety	IEC 62368-1 EN 62368-1 UL 62368-1
Environment	CE-ROHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); REACH (Regulation (EC) No 1907/2006)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 10.5W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (L x W x H)	Φ4.4" x 3.7" (Φ111 x 95mm)
Weight	1.058lb (0.48kg)
Material	Metal + Plastic
Working Environment	-22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤95% RH (non-condensing)
Storage Environment	-22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Protection	Ingression protection: IP67

Ordering Information

VIS-P8TXIR28NH-AIWL: 8 Megapixel Turret, 2.8mm

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