



VIS-P8TXIR28NH-AI

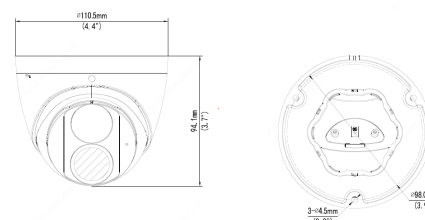
8 Megapixel IP Plug & Play Turret, Fixed Lens, IR Range up to 98', WDR, Built-in Mic, SD Card Slot, 12VDC/PoE

Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- 8 Megapixel Resolution
- Fixed Lens
- True Day/Night with Smart IR Range up to 98'
- Ultra H.265/H.265/H.264/MJPEG Compression
- 20 FPS Recording and Live
- True WDR 120dB
- Cloud Upgradeable
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets (InVid Vision)
- Vision CMS
- Free MAC Client
- NDA Compliant

Camera	
Sensor	1/2.7", 8.0 megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.0025 lux (F1.6, AGC ON) 0 lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment angle	Pan: 3° ~ 360° Tilt: 0° ~ 80° Rotate: 3° ~ 360°
WDR	120dB
S/N	>56dB
Lens	
Lens	2.8mm@F1.6
Iris	Fixed
Field of View (H)	112.4°
Field of View (V)	60.1°
Field of View (D)	146.1°
DORI	Lens (mm) Detect(ft) Observe(ft) Recognize(ft) Identify(ft)
DORI Distance	2.8 276(84.0m) 110.2(33.6m) 55.1(16.8m) 27.6(8.4m)
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; 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;
Video Bit Rate	128 Kbps~16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Triple streams
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	Support
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
Recognition	Face capture
Statistical Analysis	People counting, support people flow counting and crowd density monitoring
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
Suppression	Support
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	
Audio I/O	N/A
Alarm I/O	N/A
RS485	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WiFi	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
Audio Sensitivity	-32±3dB
Certifications	
EMC	CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021,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	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 5.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (L × W × H)	Φ4.4" × 3.7" (Φ110.5 × 94.1mm)
Weight	0.97lb (0.44kg)
Material	Metal
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
Reset Button	N/A



Ordering Information

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