



### VIS-P8TXIR28NH-LC3N

8 Megapixel IP Plug & Play, Outdoor Turret, Fixed Lens, Supplemental Light Options: IR, White Light or IR to White Light, Built-in Mic, D-WDR, SD Card Slot, 12VDC/PoE

#### Features

- Smart Analytics-AI Human Body Detection: Option to Trigger White Light
- 8 Megapixel Resolution
- Ultra Motion Detection: Option to Trigger White Light
- True Day/Night with White Light Range or IR up to 98'
- Ultra 265, H.265, H.264, MJPEG
- True WDR 120dB
- Micro SD Slot: Up to 512GB
- Built-in Mic
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Cloud Upgradeable
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC

Model	VIS-P8TXIR28NH-LC3N
Max Resolution	8 MP
Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.005 Lux (F1.6, AGC ON), 0 Lux with light
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 80°, Rotate: 0° to 360°
S/N	>56 dB
WDR	120 dB
Lens	
Focal Length	2.8 mm
Iris Type	Fixed
Iris	F1.6
Field of View (H)	100.8°
Field of View (V)	55.8°
Field of View (D)	105.7°
Lens Type	Fixed
DORI	
DORI Distance (Lens)	2.8 mm
DORI Distance (Detect)	275.6 ft (84.0 m)
DORI Distance (Observe)	110.2 ft (33.6 m)
DORI Distance (Recognize)	55.1 ft (16.8 m)
DORI Distance (Identify)	27.6 ft (8.4 m)
Illuminator	
Supplemental Light	Dual light
Illumination Distance (IR)	98.4 ft (30 m)
Illumination Distance (Warm Light)	98.4 ft (30 m)
Wavelength	850 nm
Light 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: 8 MP (3840 × 2160), max. 20 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; Sub Stream: 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Dual streams
Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2, Area white balance
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital defog
Image Stabilization	N/A

#### Ordering Information

**VIS-P8TXIR28NH-LC3N:** 8 Megapixel Turret, 2.8mm

Events	
Basic Detection	Motion detection, Ultra motion detection (based on human body and vehicle detection), Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, SNMP, QoS, 802.1x
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
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
Client	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+
Interface	
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WiFi	N/A
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130-4) FCC (FCC 47 CFR part15 B)
Safety	CE LVD (EN 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863) WEEE (2012/19/EU) Packaging and Packaging Waste (94/62/EC)
Protection	IP67 (IEC 60529)
General	
Power Consumption	Max. 5.3 W
Power	DC 12 V±25%, PoE (IEEE 802.3af)
Power Interface	Ø5.5 mm coaxial power plug
Dimensions (Ø × H)	Ø4.6" × 3.9" (Ø117.8 mm × 99.7 mm)
Weight	0.68lb (0.31 kg)
Material	Metal + Plastic
Storage Environment	-22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤ 95% RH (non-condensing)
Working Environment	-22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	N/A
Web Client Language	13 Languages: English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese, Spanish, Spanish (Europe), Italian

