



Model	VIS-P4LIR28NH-AIWL
Camera	
Max Resolution	4 MP
Sensor	1/2.9" CMOS
Min. Illumination	Color: 0.002 Lux (F1.6, AGC ON), 0 Lux with light
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
Adjustment Angle	Pan: -48° to 48°, Tilt: 0° to 80°, Rotate: 0° to 360°
S/N	> 56 dB
WDR	130 dB
Lens	
Focal Length	2.8 mm
Iris Type	Fixed
Iris	F1.6
Field of View (H)	101.1°
Field of View (V)	57.1°
Field of View (D)	117.7°
Lens Type	Fixed
DORI	
DORI Distance (Lens)	2.8 mm
DORI Distance (Detect)	206.7 ft (63.0 m)
DORI Distance (Observe)	82.7 ft (25.2 m)
DORI Distance (Recognize)	41.3 ft (12.6m)
DORI Distance (Identify)	20.7 ft (6.3 m)
Illuminator	
Supplemental Light	Dual light
Illumination Distance (IR)	98.4 ft (30 m)
Illumination Distance (Warm Light)	98.4 ft (30 m)
IR On/Off Control	Auto/Manual
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	4 MP (2688 × 1520), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 3 MP (2304 × 1296), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps
Frame Rate-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
Frame Rate-Third Stream	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 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Triple streams
Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
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
Intelligent	
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)

Ordering Information

VIS-P4LIR28NH-AIWL: 4 Megapixel Low Profile, 2.8mm

InVid Tech, reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.

VIS-P4LIR28NH-AIWL

4 Megapixel IP Plug & Play, Outdoor Low Profile, Fixed Lens, Supplemental Light Options: IR, White Light or IR to White Light, Built-in Mic/Speaker, SD Card Slot, 12VDC/PoE

KEY FEATURES

- True AI Human & Vehicle Classification for Line Crossing, Intrusion Detection, & Other AI Features
- AI-Triggered White Light up to 98'

CORE FEATURES

- 4 Megapixel
- Fixed 2.8mm
- Cloud Upgradeable
- Micro SD Slot: Up to 512GB
- Dual Built-in Mics & Speaker with External Audio Input & Output
- True Day/Night with IR Range up to 98'
- IP67 Weatherproof
- IK10 Vandal Resistant
- ONVIF
- Supports Native Chrome/Edge Use
- 12VDC/PoE Operation
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- UL Listed

Statistical Analysis	N/A
People Counting	Support people flow counting and crowd density detection
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
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	1 Input: impedance 35 kΩ, amplitude 2 V [p-p], 1 Output: impedance 600 Ω, amplitude 2 V [p-p]
Alarm I/O	1/1
Serial Port	N/A
Built-in Mic	Built-in dual-mic
Built-in Speaker	Support
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)
Protection	IP67 (IEC 60529) IK10 (IEC 62262)
General	
Power	DC 12 V±25%, PoE (IEEE 802.3af)
Power Consumption	Max. 8.5 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions (Ø × H)	Ø4.4" × 2.9" (Ø111.2 mm × 72.6 mm)
Weight	1.01 lb (0.46 kg)
Material	Metal
Working Environment	-22°F ~ 140°F (-30°C to 60°C), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-22°F ~ 140°F (-30°C to 60°C), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
Web Client Language	20 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese

