



## VIS-P8LIRA28NH

8 Megapixel IP Plug & Play Low Profile, Fixed Lens, Up to 98' IR Range, WDR, Audio Input/Output, Built-in Mic, SD Card Slot, 12VDC/PoE

### Features

- 8 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 98'
- Starlight Illumination
- Ultra H.265,H.265 ,H.264,MJPEG Compression
- 20 FPS Recording
- True WDR 120dB
- Cloud Upgradeable
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- Audio Output
- IP67 Weatherproof
- IK10 Vandal Resistant
- 12VDC/PoE
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Vision CMS
- Free Central Management Software (CMS)
- Free MAC Client
- NDAA Compliant

Camera											
Sensor	1/3", 8.0 megapixel, progressive scan, CMOS										
Minimum Illumination	Colour: 0.002 lux (F1.6, AGC ON) 0 lux with IR										
Day/Night	IR-cut filter with auto switch (ICR)										
Shutter	Auto/Manual, 1 ~ 1/100000s										
Adjustment angle	Pan: 0° ~ 90°    Tilt: 0° ~ 68°    Rotate: 0° ~ 360°										
WDR	120dB										
S/N	>56 dB										
Lens											
Lens	2.8mm@F1.6										
Iris	Fixed										
Field of View (H)	101.1°										
Field of View (V)	55.3°										
Field of View (D)	111.1°										
DORI Distance	<table border="1"> <tr> <th>Lens (mm)</th> <th>Detect (ft)</th> <th>Observe (ft)</th> <th>Recognize (ft)</th> <th>Identify (ft)</th> </tr> <tr> <td>2.8</td> <td>206.7(63m)</td> <td>82.7(25.2m)</td> <td>41.3(12.6m)</td> <td>20.7(6.3m)</td> </tr> </table>	Lens (mm)	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)	2.8	206.7(63m)	82.7(25.2m)	41.3(12.6m)	20.7(6.3m)
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2.8	206.7(63m)	82.7(25.2m)	41.3(12.6m)	20.7(6.3m)							
Illuminator											
IR Range	Up to 98ft (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: 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
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
Dewarping	N/A
BLC	Support
HLC	N/A
Defog	Digital Defog
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
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way audio	Support
Suppression	Support
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, Up to 256GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSH,SSL/TLS
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 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
Audio I/O	1 Input: impedance 35kΩ; amplitude 2V [p-p] 1 Output: impedance 600Ω; amplitude 2V [p-p]
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
Certifications	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130) FCC (FCC 47 CFR part5 B)
Safety	CE LVD (EN 62368-1) CB (IEC 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 12V±25%, PoE (IEEE 802.3af) Power consumption: Max TBD
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Ø4.3" x 2.4" (Ø110 x 61mm)
Weight	0.82lb (0.37kg)
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-P8LIRA28NH:** 8 Megapixel Low Profile, 2.8mm Fixed Lens

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