



### VIS-P8BXIR28NH-LC

8 Megapixel IP Plug & Play, Outdoor Bullet, Fixed Lens,  
up to 164' IR Range, True WDR, Built-in Mic, SD Card Slot, 12VDC/PoE

#### Features

- Smart Analytics-AI Human Body Detection
- 8 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 164'
- Starlight Illumination
- Smart IRs
- Ultra 265,H.265,H.264, MJPEG
- True WDR 120dB
- Micro SD Slot: Up to 256GB
- Built-in Mic
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Cloud Upgradable
- Free iOS & Android Apps for Smart Phones & Tablets
- Vision CMS
- Free MAC Client
- NDAA Compliant

Camera	
Sensor	1/2.7", 8.0 megapixel, progressive scan, CMOS
Minimum Illumination	Support EasyStar: Colour: 0.005Lux ( 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° ~ 90°    Rotate: 0° ~ 360°
WDR	120dB
S/N	>56dB
Lens	
Lens	2.8mm@F1.6                      4.0mm@F1.6
Lens Mount	M12
Angle of View (H)	112.9°                              91.2°
Angle of View (V)	59.1°                                47.9°
Angle of View (O)	121.2°                              95.9°
DORI	
	Lens (mm)    Detect (ft)    Observe (ft)    Recognize (ft)    Identify (ft)
DORI Distance	2.8            275.6 (84m)    108.3 (33m)    55.1 (16.8m)    27.6 (8.4m)
	4.0            393.7 (120m)    157.5 (48m)    78.7 (24m)     39.4 (12m)
Illuminator	
IR Range	Up to 164 ft (50m) 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;
Video Bit Rate	128 Kbps~16 Mbps
U-code	Supported
9:16 Corridor Mode	Supported
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
OSD	Up to 4 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
HLC	Supported
BLC	Supported
Defog	Digital Defog

Events	
Basic Detection	Cross line, intrusion(based on human body detection) Motion 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.711
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, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, QoS, 802.1x, SNMP
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	-32±3dB
Network	1 RJ45 10M/100M Base-TX Ethernet
Certifications	
EMC	FCC: FCC Part 15
Safety	CE: EN 60950-1    UL: UL60950-1    IEC 60950-1
General	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 6.5W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (L × W × H)	7.5"×2.9"×2.8" (190×73×71mm)
Weight	0.99lb (0.45kg)
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	Supported
Protection	Ingression protection: IP67

#### Ordering Information

**VIS-P8BXIR28NH-LC:** 8 Megapixel Bullet, 2.8mm

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