



VIS-P8BXIR28NH-AIWL

8 Megapixel IP Plug & Play, Outdoor Bullet, Fixed Lens, Color Image at Night with White Light Range up to 98', WDR, Audio Input/Output, Built-in Mic/Speaker, SD Card Slot, DC12V/PoE

- 8 Megapixel Resolution
- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection with White Light Trigger
- White Light & Deterrent: AI Triggered
- Fixed Lens
- Color Image at Night with White Light Range up to 98'
- Ultra H.265, H.265, H.264, MJPEG Compression
- 30 FPS Recording and Live
- WDR
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- Audio Output: Built-in Speaker
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client

Camera	VIS-P8BXIR28NH-AIWL				
Sensor	1/2.7", 8.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.0 4.0mm@F2.0				
DORI Distance	Lens (mm)	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)
	2.8	275.6(84m)	110.2(33.6m)	55.1(16.8m)	27.6(8.4m)
DORI Distance	4.0	393.7(120m)	157.5(48m)	78.7(24m)	39.4(12m)
	4.0	393.7(120m)	157.5(48m)	78.7(24m)	39.4(12m)
Angle of View (H)	112.4°	86.5°			
Angle of View (V)	60.1°	44.1°			
Angle of View (O)	146.1°	112.5°			
Adjustment angle	Pan: 0°~360°		Tilt: 0° ~ 90°		Rotate: 0°~360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.01Lux (F2.0, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
F# Range	Up to 98 ft (30m) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
WDR	120dB				

Ordering Information

VIS-P8BXIR28NH-AIWL: 8 Megapixel IP Plug & Play Outdoor Bullet, 2.8mm

VIS-P8BXIR4NH-AIWL: 8 Megapixel IP Plug & Play Outdoor Bullet, 4mm

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
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
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	Supported
HLC	Supported
BLC	Supported
Audio	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
Intelligent	
Smart intrusion P revention	Cross line, intrusion, enter area, leave area detection;
Face capture	Support
Smart	
Basic Detection	Motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, tampering alarm, access policy, ARP protection, RTSP authentication, user authentication
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
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
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+, Safari 11+
Interface	
Network	1 RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Supported
Built-in Speaker	Supported
Alarm Light	Supported
Certifications	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 10.5W
Dimensions (L x W x H)	7.5" x 3.0" x 2.9" (191 x 75 x 74mm)
Net Weight	0.90lb (0.41kg)
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	2KV
Ingress Protection	IP67
Reset Button	Supported