



VIS-P8BXIRA2812NH-AIH

8 Megapixel IP Plug & Play, Outdoor Bullet, Motorized Auto-Focus 2.8-12mm Lens, up to 262' IR Range, WDR, Built-in Mic, SD Card Slot, 12VDC/PoE

Features

- True AI Human & Vehicle Classification for Line Crossing, Intrusion Detection, & Other AI Features
- 8 Megapixel Resolution
- Motorized Auto-Focus 2.8-12mm Lens
- True Day/Night with IR Range up to 262'
- Ultra 265,H.265,H.264, MJPEG
- Supports Native Chrome/Edge Use
- Cloud Upgradeable
- Micro SD Slot: Up to 512GB
- Audio Input: Built-in Mic
- IP67 Weatherproof
- IK10 Vandal Resistant
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC

Camera	VIS-P8BXIRA2812NH-AIH				
Sensor	1/1.8" CMOS				
Min. Illumination	Colour:0.0008 lux (F1.2, AGC ON) 0 lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 to 1/100000 s				
WDR	120 dB				
Adjustment Angle	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°				
S/N	>56 dB				
Lens					
Focal Length	2.8 to 12 mm				
Digital Zoom	16X				
Optical Zoom	5X				
Iris	F1.2				
Field of View (H)	101.1°~48.0°				
Field of View (V)	57.2°~23.9°				
Field of View (D)	124.3°~59.0°				
Iris Type	Fixed				
DORI					
DORI Distance	Lens (mm)	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)
	2.8	323.3 (98.6)	129.3 (39.4)	64.7 (19.7)	32.3 (9.9)
	12	790.6 (241.0)	316.2 (96.4)	158.1 (48.2)	79.1 (24.1)
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate-Main Stream	8MP (3840*2160), Max 30fps;				
Frame Rate-Sub Stream	720P (1280*720), Max 30fps;				
Video Bit Rate	128 Kbps to 16 Mbps				
U-code	Support				
ROI	Support				
Video Stream	Triple Streams				
OSD	Up to 10 OSDs				
Privacy Mask	Up to 4 areas				
Frame Rate-Third Stream	D1 (720*576), Max 30fps;				
Events					
Basic Detection	Motion Detection, Tampering Alarm, Audio Detection, Object Removed, Object Left Behind, Scene Change				
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, Alarm Input, Alarm Output, HTTP Authentication				
Intelligent					
Exception Detection	Object Removed, Object Left Behind, Scene Change, Defocus Detection				
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)				
People Counting	Support People Flow Counting and Crowd Density Monitoring				
Traffic Monitoring	Support capturing car license picture when the car passes tripwire, Up to 4 lanes can be set, Two types of application mode available: High/Low pole (License Plate Capture/Detection requires NVR for Recognition)				
Audio					
Audio Compression	G.711U, G.711A				
Audio Bitrate	128 Kbps				
Two-way Audio	Support				
Suppression	Support				
Sampling Rate	16KHZ				
Storage					
Edge Storage	Micro SD, up to 512 GB				
Network Storage	ANR, NAS (NFS)				
Image					
White Balance	Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2				

Ordering Information

VIS-P8BXIRA2812NH-AIH: 8 Megapixel Bullet, 2.8-12mm Lens

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

Digital Noise Reduction	2D/3D DNR
Flip	Normal, Flip Vertical, Flip Horizontal, 180°
HLC	Support
BLC	Support
Smart IR	Support
Defog	Digital Defog
Heatwave Reduction	N/A
Network	
Protocols	SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS
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
Security	TLS 1.3, 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 Live (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 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2.5 V [p-p]
Alarm I/O	2/1
Built-in Mic	Support
Video output	1 BNC (For debugging)
Illuminator	
Illumination Distance (IR)	262 ft
IR On/Off Control	Auto/Manual
Wavelength	850 nm
Certification	
EMC	CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A1:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU; EU 2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)
General	
Power	DC12V(±25%), PoE(IEEE 802.3af) Power consumption: Max 10W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions (Ø x H)	Ø 5.1" x 12.7" (Ø 130x322mm)
Weight	2.87lb (1.3Kg)
Working Environment	-40°F ~ 140°F (-40°C ~ 60°C), Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°F ~ 158°F (-40°C ~ 70°C), Humidity: ≤95% RH (non-condensing)
Surge protection	6KV
Reset button	Support
Web Client Language	22 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, Arabic, Slovak
Heater	Support

