



## VIS-P8BXIRA2812NH

8 Megapixel IP Plug & Play Outdoor Bullet, Motorized Auto-Focus Lens, up to 164' IR Range, WDR, Audio Input/Output, SD Card Slot, 12VDC/PoE

### Features

- 8 Megapixel Resolution
- Motorized Auto-Focus 2.8-12mm Lens
- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- True Day/Night with IR Range up to 164'
- Smart IRs
- Starlight Illumination
- Ultra H.265/H.265/H.264/MJPEG Compression
- 20 FPS Recording and Live
- True WDR 120dB
- Cloud Upgradeable
- Smart Analytics
- Micro SD Slot: Up to 256GB
- Audio Input
- Audio Output
- IP67 Weatherproof
- IK10 Vandal Resistant
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client

Camera	VIS-P8BXIRA2812NH				
Sensor	1/2.8", 8.0 megapixel, progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	86.9	34.8	17.4	8.7
Angle of View (H)	12	372.4	149	74.5	37.2
	96.23° ~ 31.69°				
Angle of View (V)	69.98° ~ 24.28°				
Angle of View (O)	125.10° ~ 37.39°				
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.003Lux (F1.6, AGC ON) 0Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>56 dB				
IR Range	Up to 164ft (50m) IR range				

Wavelength	850nm
IR On/Off Control	Auto/Manual
Defog	Digital Defog
WDR	120dB
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 25fps; 4MP (2560*1440), Max 25fps; 1080P (1920*1080), Max 30fps; Sub Stream: D1 (720*576), Max 30fps; Third Stream: 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
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
Smart	
Behavior Detection	Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection, Motion detection, Tampering alarm, Audio Detection
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Clients	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+, Safari 11+
Interface	
Audio I/O	Input: impedance 35kΩ, amplitude 2V (p-p) Output: impedance 600Ω, amplitude 2V (p-p)
Alarm I/O	1/1
Network	1 RJ45 10M/100M Base-TX Ethernet
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 9.5W
Dimensions (L x W x H)	9.6" x 3.4" x 2.8" (245 x 86 x 72mm)
Net Weight	2.2lb (1.0kg)
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	6KV
Ingress Protection	IP67
Vandal Resistant	IK10

### Ordering Information

**VIS-P8BXIRA2812NH:** 8 Megapixel IP Plug & Play Bullet

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