



VIS-P8BXIRA2812NH-AIWL
8 Megapixel IP Plug & Play, Outdoor Bullet, Motorized Auto-Focus Lens 2.8-12mm, Supplemental Light
Options: IR, White Light or IR to White Light, Built-in Mic, SD Card Slot, 12VDC/PoE

- KEY FEATURES**
- True AI Human & Vehicle Classification for Line Crossing, Intrusion Detection, & Other AI Features
 - AI-Triggered Flashing White Deterrent Light
 - AI-Triggered White Light up to 197'

- CORE FEATURES**
- 8 Megapixel / 4K
 - Motorized Auto-Focus 2.8-12mm
 - Cloud Upgradeable
 - Micro SD Slot: Up to 512GB
 - Built-in Mic with External Audio Input & Output
 - True Day/Night with IR Range up to 197'
 - Starlight Illumination
 - IP67 Weatherproof
 - IK10 Vandal Resistant
 - ONVIF
 - Supports Native Chrome/Edge Use
 - 12VDC/PoE Operation
 - Free iOS & Android Apps for Smart Phones & Tablets
 - Free Central Management Software (CMS) for PC/MAC
 - UL Listed

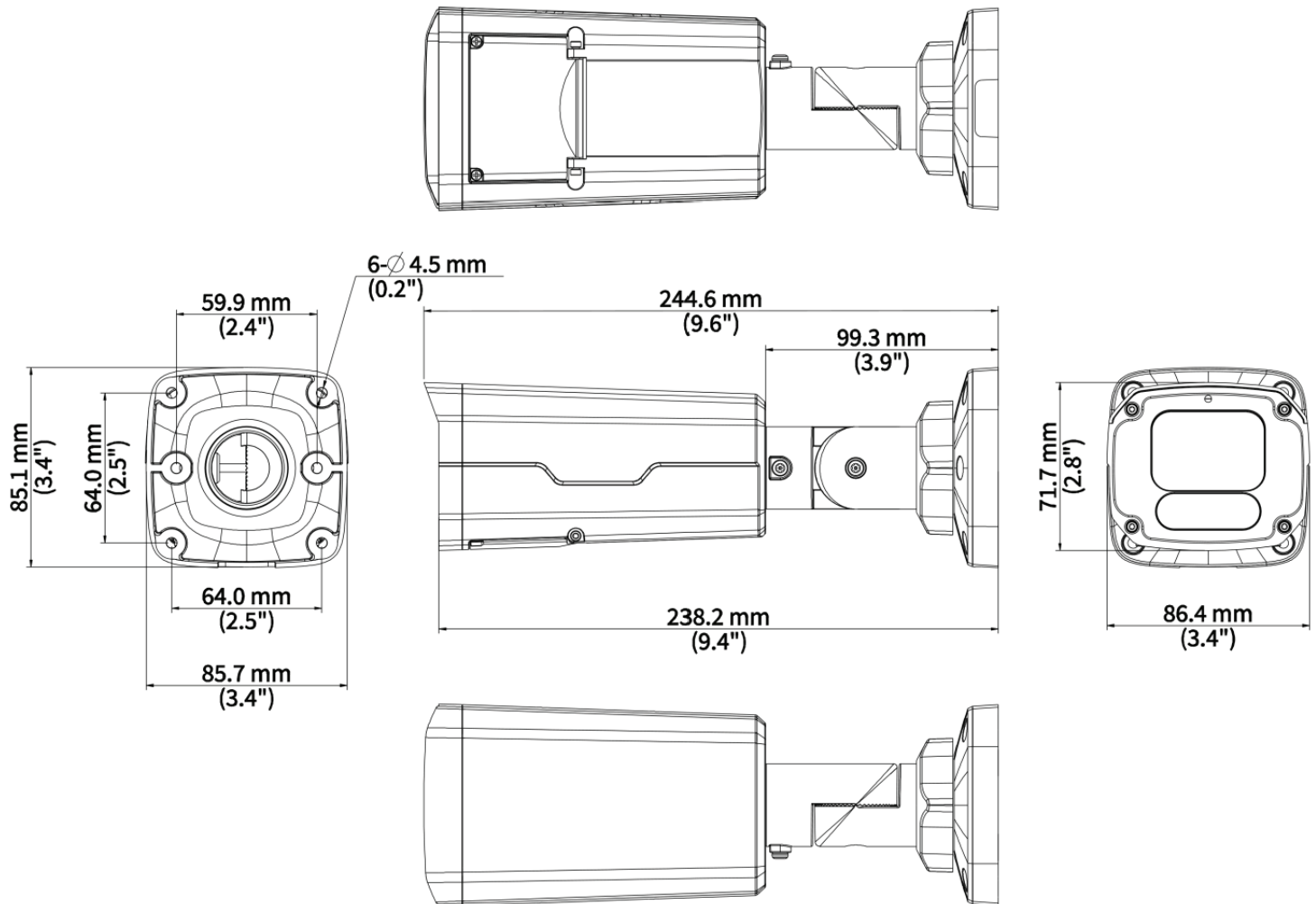
Model	VIS-P8BXIRA2812NH-AIWL
Camera	
Max Resolution	8 MP
Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.002 Lux (F1.4, AGC ON), 0 Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
Adjustment Angle	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
WDR	120 dB
S/N	> 52 dB
Lens	
Focal Length	2.8 to 12 mm
Iris	F1.4
Field of View (H)	111.5° to 34.4°
Field of View (V)	58.7° to 19.2°
Field of View (D)	132.5° to 39.4°
Lens Type	Motorized
Iris Type	Fixed
DORI	
DORI Distance (Lens)	2.8 to 12mm
DORI Distance (Detect)	265.7 ft. to 1328.7 ft (81.0 m to 405.0 m)
DORI Distance (Observe)	106.3 ft. to 531.5 ft (32.4 m to 162.0 m)
DORI Distance (Recognize)	53.1 ft. to 265.7 ft (16.2 m to 81.0 m)
DORI Distance (Identify)	26.6 ft. to 132.9 ft (8.1 m to 40.5 m)
Illuminator	
Illumination Distance (IR)	197 ft (60 m)
Illumination Distance (Warm Light)	197 ft (60 m)
Light On/Off Control	Auto/Manual
Wavelength	850 nm
Supplemental Light	Dual light
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Triple streams

Ordering Information
VIS-P8BXIRA2812NH-AIWL: 8 Megapixel Bullet, 2.8-12 mm Lens

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Frame Rate	Main Stream: 8 MP (3840 × 2160), max. 25 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; Sub Stream: 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max.30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps; Third Stream: D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps;
Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2, Area white balance
Smart IR	Support
Digital Noise Reduction	2D/3D DNR
Dewarping	Support
Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital defog
Intelligent	
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)
Face Capture	Support
Statistical Analysis	N/A
People Counting	Support people flow counting and crowd density monitoring
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, HTTP authentication, Alarm input, Alarm output
Audio	
Audio Compression	G.711U, G.711A, AAC-LC
Audio Bitrate	G.711U/G.711A: 64 kbps, AAC-LC: 128 kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	G.711U/G.711A: 8 kHz, AAC-LC: 8 kHz, 16 kHz, 48 kHz
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, SSL/TLS, 802.1x, SNMP, QoS, HTTPS, SMTP, PPPoE
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	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, DTLS 1.2
Client	InVid Vision (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 35 kΩ, amplitude 2 V [p-p], 1 Output: impedance 600 Ω, amplitude 2 V [p-p]
Alarm I/O	1/1
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WiFi	N/A
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130-4) FCC (FCC 47 CFR part15 B)
Safety	CE-LVD (EN 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 12 V±25%, PoE (IEEE 802.3af)
Power Consumption	Max. 8.0 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions (L × W × H)	9.7" × 3.4" × 3.4" (245 mm × 85 mm × 86 mm)
Weight	2.05 lb (0.93 kg)
Working Environment	-22°F ~ 140°F (-30°C to 60°C), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-22°F ~ 140°F (-30°C to 60°C), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
Material	Metal
Web Client Language	20 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

SEE PAGE 2 FOR MORE INFO



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