

### VIS-P8BXIR180NH-AI

8 Megapixel IP Plug & Play, Outdoor Bullet, 180 Degree Wide Angle View, Up to 65' 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
- Supports Native Chrome/Edge Use
- 180 Degree Wide Angle View
- 8 Megapixel Resolution
- LED Distance Up to 65ft
- Ultra 265, H.265, H.264, MJPEG
- 30 FPS Recording and Live
- True WDR 120dB
- Cloud Upgradeable
- Micro SD Slot: Up to 512GB
- Built-in Mic
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- SIP with Color Retrieval
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDA Compliant

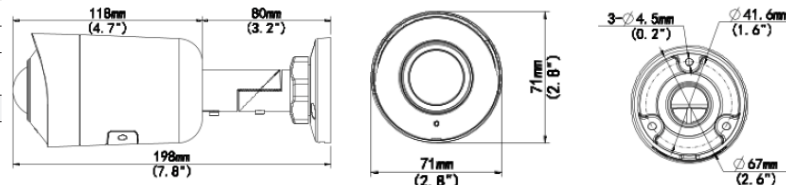


Model	VIS-P8BXIR180NH-AI
Max Resolution	8MP
Sensor	1/2.7" CMOS
Min. Illumination	Colour: 0.01 lux (F2.0, AGC ON) 0 lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°
S/N	>52dB
WDR	120dB
Lens	
Focal Length	1.68 mm
Iris Type	Fixed
Iris	F2.0
Field of View (H)	180°
Field of View (V)	100°
Field of View (D)	180°
Lens Type	Fixed
DORI	
DORI Distance (Lens)	1.68mm
DORI Distance (Detect)	124.0ft (37.8)
DORI Distance (Observe)	49.6ft (15.1)
DORI Distance (Recognize)	24.8ft (7.6)
DORI Distance (Identify)	12.4ft (3.8)
Illuminator	
Supplemental Light	IR
Illumination Distance (IR)	65.6 ft
IR On/Off Control	Auto/Manual
Wavelength	850 nm
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 30fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 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
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Triple Streams
Image	
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°
Dewarping	Support
Auto Scene Match (ASM)	Support (Only WDR)
HLC	Support
BLC	Support
Defog	Digital Defog
Image Stabilization	N/A
Low Illumination Characteristics	Low-light
Intelligent	

Smart Intrusion Prevention	Support False Alarm Filtering: Cross Line Detection, Intrusion Detection, Enter Area Detection, Leave Area Detection
Attribute Collection	SIP with color retrieval
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
Audio	
Audio Compression	G.711U; G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	8 KHz
Storage	
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR; NAS (NFS)
Network	
Protocols	IPv4; IPv6; IGMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; HTTP; HTTPS; SMTP; 802.1x; SNMP; QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T); 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
Client	InVid Vision (Mobile App)    Vision Tools (IP Utility)    InVid CMS
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
Interface	
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WiFi	N/A
Network	1 x RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) 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)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 5.5W
Power Interface	Ø 5.5 mm coaxial power plug
Dimensions (L x W x H)	7.8" x 2.8" x 2.8" (198 x 71 x 71mm)
Weight	0.93lb (0.42kg)
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	Support
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

#### Ordering Information

**VIS-P8BXIR180NH-AI: 8 Megapixel Bullet, 180 Degree Wide Angle View**



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