



VIS-P8TXIR180NH-AIRBT

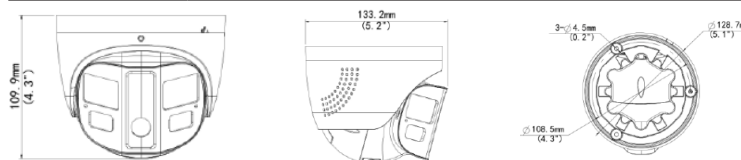
8 Megapixel IP Plug & Play, Outdoor Turret, 180° Panoramic View with 2 Fixed Lenses, up to 98' IR Range, True WDR, White Light up to 98', Red/Blue Flashing Deterrent Light and/or Siren, Built-in Mic/Speaker, SD Card Slot, 12VDC/PoE

Features

- True AI Human & Vehicle Classification for Line Crossing, Intrusion Detection, & Other AI Features
- Red/Blue Flashing Deterrent Light and/or Siren: AI Triggered
- Supports Native Chrome/Edge Use
- 8 Megapixel Resolution
- InVid Starlight 180° Panoramic Camera with 2 Lenses
- True Day/Night with IR Range up to 98'
- SIP with Color Retrieval
- Ultra 265,H.265,H.264, MJPEG
- 30 FPS Recording and Live
- True WDR 130dB
- Micro SD Slot: Up to 512GB
- Audio Input: Built-in Mic
- Audio Output: Built-in Speaker
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Cloud Upgradeable
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDAA Complaint

Camera	VIS-P8TXIR180NH-AIRBT
Max Resolution	8MP
Sensor	1/2.5" CMOS
Min. Illumination	Colour: 0.0005 lux (F1.0, AGC ON) 0 Lux with light
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 75°, Rotate: 0° ~ 360°
S/N	>52dB
WDR	130dB
Lens	
Focal Length	2.8 mm
Iris Type	Fixed
Iris	F1.0
Field of View (H)	180°
Field of View (V)	65°
Field of View (D)	180°
Lens Type	Fixed
DORI	
DORI Distance (Lens)	2.8mm
DORI Distance (Detect)	206.7ft (63.1m)
DORI Distance (Observe)	82.7ft (25.2m)
DORI Distance (Recognize)	41.3ft (12.6m)
DORI Distance (Identify)	20.7ft (6.3m)
Illuminator	
Supplemental Light	Dual Light
Illumination Distance (IR)	IR 98', Warm Light 98'
Illumination Distance (Warm Light)	IR 98', Warm Light 98'
IR On/Off Control	Auto/Manual
Wavelength	850 nm
Light On/Off Control	Auto/Manual
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 (4096*1860), Max 20fps; Sub Stream: 2048*936, Max 20fps;
Video Bit Rate	128 Kbps ~ 16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Dual Streams
Image	
Auto Scene Match (ASM)	Support (Only WDR)
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	N/A
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital Defog
Image Stabilization	N/A
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)
Recognition	N/A

Statistical Analysis	People Counting; Support People Flow Counting and Crowd Density Monitoring
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; Alarm Input; Alarm Output
Audio	
Audio Compression	G.711U; G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
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; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTP; RTSP; RTCP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; SMTP; 802.1x; SNMP; QoS; SSL/TLS; SSH
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	1 Input: impedance 35kΩ; amplitude 2V [p-p]; 1 Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Serial Port	N/A
Built-in Mic	Built-in two mics
Built-in Speaker	Support
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 50130) FCC (FCC 47 CFR part15 B)
Safety	CE-LVD (EN 62368-1) CB (IEC 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 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 12.6W
Power Interface	Ø 5.5 mm coaxial power plug
Dimensions (Ø x H)	Ø5.1" x 4.3" (Ø128.7 x 109.9mm)
Weight	1.9lb (0.86kg)
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-P8TXIR180NH-AIRBT: 8 Megapixel Turret, 2.8mm Fixed Lens

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