

8MP HD Intelligent Light and Audible Fixed Eyeball Network Camera



IPB4KD28AIX

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > Color Hunter with Wise-ISP technology ensures 24-hour full-color images
- > High quality image with 8 MP, 1/2.7" CMOS sensor; Ultra 265, H.265, H.264, MJPEG
- > Smart Intrusion prevention, support false alarm filtering, Cross Line Detection, Intrusion Detection
- > 130 dB true WDR technology ensures clear image in strong backlight scene
- > Two-way Audio, Built in Mic and Speaker
- > Smart IR, up to 40 m (131.2ft) IR distance
- > DC12V or PoE (IEEE 802.3af) power supply
- > Built-in Micro-SD Card Slot enables local storage up to 512GB and ANR
- > IP67 Weather Resistant Housing and Optional Mounts Available

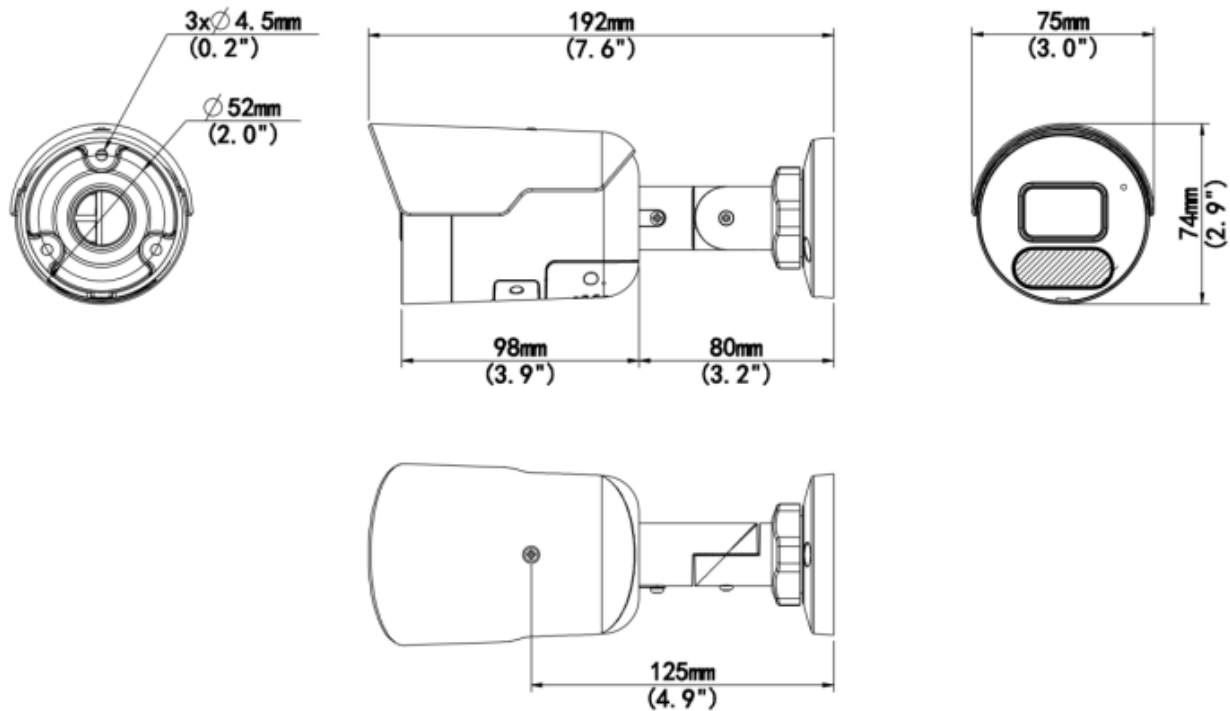
Specifications

Camera					
Sensor	1/2.7" CMOS				
Minimum illumination	Color: 0.002 Lux (F1.4, AGC ON), 0 Lux with light				
True Day / Night	IR-cut filter with auto switch (ICR)				
Smart Illumination	Support				
Shutter	Auto / Manual, 1 ~ 1/100000s				
WDR	130dB				
S/N	>56dB				
Lens					
Lens	2.8 mm				
Iris	F1.4				
Field of View (H)	98.7°				
Field of View (V)	53.6°				
Field of View (D)	113.4°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8 mm	84.0 m (275.6 ft.)	33.6 m (110.2 ft.)	16.8 m (55.1 ft.)	8.4 m (27.6 ft.)
Illuminator					
IR Range	40 m (131.2 ft.)				
Warm Light Range	40 m (131.2 ft.)				
Wavelength	850 nm				
Supplemental Light	Dual light				
Video					
Video Compression	H.265, H.264, MJPEG				
Frame Rate	8 MP (3840 × 2160), max. 30 fps (Main Stream)				
	5 MP (3072 × 1728), max. 30 fps (Main Stream)				
	4 MP (2560 × 1440), max. 30 fps (Main Stream)				
	1080P (1920 × 1080), max. 30 fps (Main Stream, Sub Stream)				
	720P (1280 × 720), max. 30 fps (Main Stream, Sub Stream)				
	D1 (720 × 576), max. 30 fps (Sub Stream, Third Stream)				
	640 × 360, max. 30 fps (Sub Stream, Third Stream)				
	2CIF (704 × 288), max. 30 fps (Third Stream)				
CIF (352 × 288), max. 30 fps (Third Stream)					
Video Bit Rate	128 Kbps~ 16 Mbps				
ROI	Support				
OSD	Up to 8				
Privacy Mask	Up to 4 areas				
Video Stream	Triple streams				

Image	
White Balance	Auto / Outdoor / Fine Tune / Sodium Lamp / Locked / Auto2
Digital Noise Reduction	2D / 3D DNR
Flip	Normal / Vertical / Horizontal / 180° / 90° Clockwise / 90° Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital Defog
Dewarping	N/A
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection
Smart Detection	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 flow counting and crowd density monitoring
General Functions	Watermark, IP Address Filtering, Alarm input, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Other Function	N/A
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 512GB
Network Storage	ANR; NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, UPnP, HTTP, 802.1x, SNMP, QoS, SSL/TLS, SSH, HTTPS, SMTP
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
Client	Guard Station, Guard Viewer, Guard Live
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+

Pan & Tilt (N/A)	
Optical Zoom	N/A
Pan	N/A
Tilt	N/A
Presets	N/A
Patrols	N/A
Dwell Times	N/A
Home Position	N/A
Auto Tracking	N/A
Interface	
Audio I/O	0/0;
Alarm I/O	0/0;
Built-In Mic	Support
Built-In Speaker	Support
Network	1 x RJ45 10M/100M Base-TX Ethernet
Additional Ports	N/A
General	
Power	DC 12V (±25%) on Ø5.5 mm coaxial power plug, PoE+ (IEEE 802.3af); Max. 11.5W; 4 KV Surge
Dimensions	192 mm × 75 mm × 74 mm (7.6" × 3.0" × 2.9") (L × W × H)
Material	Metal
Environment	Working: -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing) Storage: -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Screws & Offset	3- Ø4.5mm; Ø 98.0mm
Reset Button	N/A
Conformity Certifications	IP67, CE, UL

Dimensions



Accessories

See Camera Accessories Guide