

2MP WDR LightHunter IR Network Dome Camera IPC3232SB-AHDZK-PI-I0



Features

- High quality image with 1080P, 1/2.8" CMOS sensor
- 1920 × 1080@60 fps in the main stream, delivers detailed live while 60 fps keeping it smooth and closer to the real image
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, supports false alarm filtering, including cross line, intrusion, enter area, leave area detection
- automatic selection of best snapshots, supports face detection masked area
- People counting, supports people flow counting and crowd density monitoring, suitable for different statistical scenarios
- LightHunter product technology ensures ultra-high image quality in low illumination environment
- Supports 9:16 corridor mode
- Up to 120 dB optical WDR (wide dynamic range)
- DC 12 V, PoE (IEEE 802.3af) power supply
- Wide voltage range of $\pm 25\%$ in DC
- Alarm I/O: 2/1, audio I/O: 1/1

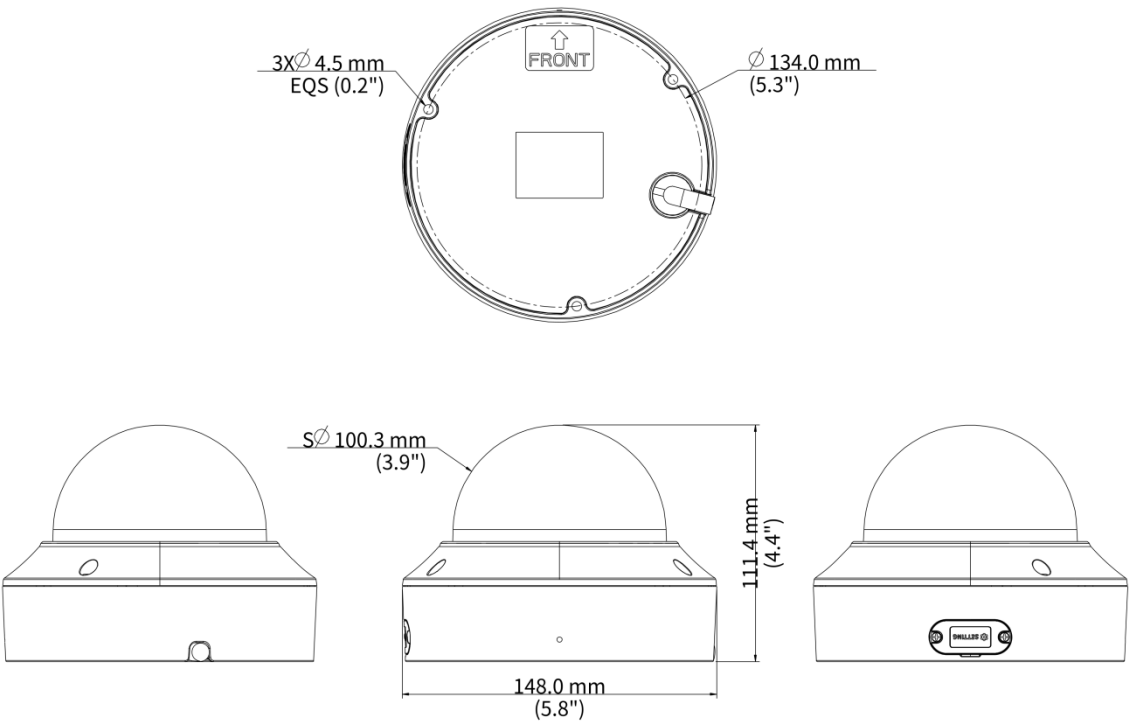
Specifications

Model	IPC3232SB-AHDZK-PI-IO
Camera	
Sensor	1/2.8" CMOS
Min. Illumination	Color: 0.001 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
WDR	120 dB
Adjustment Angle	Pan: 0° to 355°, Tilt: 0° to 70°, Rotate: 0° to 355°
S/N	>52 dB
Lens	
Focal Length	2.8 to 12 mm
Digital Zoom	16X
Optical Zoom	4X
Iris	F1.4
Field of View (H)	96.6° to 32.4°
Field of View (V)	53.1° to 18.6°
Field of View (D)	112.8° to 37.2°
Iris Type	P-iris
DORI	
DORI Distance (Lens)	2.8 to 12 mm
DORI Distance (Detect)	43.4 m to 186.2 m (142.4 ft. to 610.9 ft.)
DORI Distance (Observe)	17.4 m to 74.5 m (57.1 ft. to 244.4 ft.)
DORI Distance (Recognize)	8.7 m to 37.2 m (28.5 ft. to 122.1 ft.)
DORI Distance (Identify)	4.3 m to 18.6 m (14.1 ft. to 61.0 ft.)
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
ROI	Support
Video Stream	Triple streams
Privacy Mask	Up to 4 areas
OSD	Up to 10 OSDs
Frame Rate-Main Stream	1080P (1920 × 1080), max. 60 fps
Frame Rate-Sub Stream	1080P (1920 × 1080), max. 60 fps
Frame Rate-Third Stream	D1 (720 × 576), max. 60 fps
Intelligent	
Exception Detection	Object removed, Object Left Behind, Scene change
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)
People Counting	Support people flow counting and crowd density detection
Image	

White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
HLC	Support
BLC	Support
Smart IR	Support
Defog	Digital defog
Heatwave Reduction	N/A
Events	
Basic Detection	Motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind, Scene change
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output
UMD (Ultra Motion Detection)	Support
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	128 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	16KHZ
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS
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	TLS 1.3, 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	EZStation, UNV-Link, UNV-Link Pro
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+
Illuminator	
Illumination Distance (IR)	40 m (131.2 ft.)
IR On/Off Control	Auto/Manual
Wavelength	850 nm
Interface	
Audio I/O	1 Input: impedance 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2.5 V [p-p]
Alarm I/O	2/1
Serial Port	1 × RS485
Built-in Mic	Support

Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Video Output	1 BNC (for debugging)
Certification	
EMC	CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU; (EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)
General	
Power	DC 12 V (±25%), PoE (IEEE 802.3af)
Power Consumption	Max. 8 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Ø148 mm × 111.4 mm (Ø5.8" × 4.4") (Ø × H)
Weight	0.93 kg (2.16 lb.)
Working Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	6 KV
Web Client Language	22 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, Arabic, Slovak
Configurable	
P/N	Support

Dimensions



Accessories

TR-JB04-C-IN Junction Box for 323 Series Fix-dome(Support wiring from behind)	TR-JB07/WM04-B-IN 4 Inch Back Hole Hemisphere Wall Mounting Assembling Bracket	TR-WM04-IN 4 Inch Hemisphere Wall Mounting Bracket
TR-FM152-A-IN In-ceiling Bracket for 323 Series Fix-dome	TR-SM04-IN Switch Box Adapter for 323 Series Fix-dome	TR-A01-IN NPT 3/4" Waterproof Cable Gland

TR-UP06-IN Universal Pole Mounting Bracket		
TR-SE24-IN Dome Pendent Mounting Pole 200mm		
TR-SE24-A-IN Dome Pendent Mounting Pole 500mm		
		
TR-UC08-C-V2 Bullet&Dome Corner Mounting Bracket		
		

Unlimited New View

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