2MP WDR Lighthunter IR Network Bullet Camera

IPC2322SB-HDZK-I0

| Lighthunter | WDR | Smart intrusion prevention | Face capture | People counting | Edge storage | Ultra H.265 | Smart IR |

Features

● High quality image with 2MP,1/2.8'' CMOS sensor

● 1920*1080@60fps in the main stream, deliver detailed live while 60fps making it smooth and closer to the real image

● Ultra 265, H.265, H.264, MJPEG

● 5X optical zoom allows for closer viewing of subjects

● Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection

● People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios

● Lighthunter product technology ensures ultra-high image quality in low illumination environment

● Up to 120 dB Optical WDR (Wide Dynamic Range)

● DC12V or PoE (IEEE 802.3af) power supply

● Wide voltage range of ±25% in DC

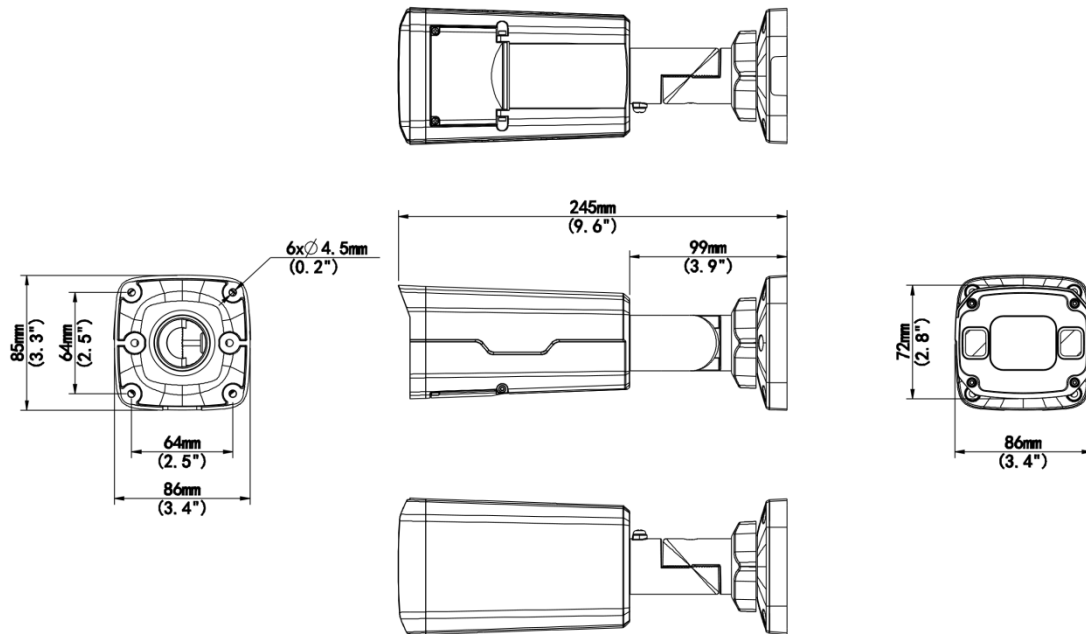● Audio 1 in and 1 out, Alarm 1 in and 1 out

Specifications

Model	IPC2322SB-HDZK-I0
Camera	
Sensor	1/2.8" CMOS
Min. Illumination	Colour:0.001 lux (F1.2, 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 360°
	tilt: 0° to 90°
	rotate: 0° to 360°
S/N	>52 dB

Lens

Digital Zoom	16X
Focal Length	2.7 to 13.5 mm
Optical Zoom	5X
Iris	F1.2
Field of View (H)	98.2°~30.6°
Field of View (V)	53.3°~17.3°
Field of View (D)	127.7°~37.6°
Iris Type	Fixed

DORI

DORI Distance (Lens)	2.7~13.5(mm)
DORI Distance (Detect)	70.9m(232.5ft)~247.5m(812.0ft)
DORI Distance (Observe)	28.4m(93.0ft)~99.0m(324.8ft)
DORI Distance (Recognize)	14.2m(46.5ft)~49.5m(162.4ft)
DORI Distance (Identify)	7.1m(23.3ft)~24.8m(81.2ft)

Illuminator

Illumination Distance (IR)	50 m (164.0 ft)
Wavelength	850 nm
IR On/Off Control	Auto/Manual

Video

Frame Rate	Main Stream: 1080P (1920*1080),Max 60fps;
	Sub Stream: 1080P (1920*1080), Max 60fps;
	Third Stream: D1 (720*576), Max 60fps
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
OSD	Up to 10 OSDs
Privacy Mask	Up to 4 areas
Frame Rate-Main Stream	1080P (1920*1080), Max 60fps
Frame Rate-Sub Stream	1080P (1920*1080), Max 60fps
Frame Rate-Third Stream	D1 (720*576), Max 60fps

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°, 90° Clockwise, 90° Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital Defog
Heatwave Reduction	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)
People Counting	Support People Flow Counting and Crowd Density Monitoring
Exception Detection	Object Removed, Object Left Behind, Scene Change
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
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	128 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	16KHZ
Storage	
Edge Storage	Micro SD, 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+
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	1/1
Serial Port	N/A
Built-in Mic	N/A
Built-in Speaker	N/A

WIFI	N/A
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	DC12V(±25%), PoE(IEEE 802.3af)
Power Consumption	Max 8W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	245 x 86 x 85 mm (9.6" x 3.4" x 3.4") (L x W x H)
Weight	0.92kg(2.03lb)
Storage Environment	-40 ℃ to 70 ℃ (-40 ℉ to 158 ℉), Humidity: ≤ 95% RH (non-condensing)
Working Environment	-30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), 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

Dimensions

Accessories

TR-JB07-D-IN

Bullet Junction Box(Support wiring from behind)

TR-A01-IN

NPT 3/4'' Waterproof Cable Gland

TR-UP06-B-IN

Bullet Pole Mounting Bracket

TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction Box Only

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