

# 4MP WDR LightHunter IR Network Bullet Camera IPC2B24SA-AHDZK-PI-LS-I2A



## Features

- High quality image with 4 MP, 1/1.8" CMOS sensor
- 2688 × 1520@60 fps in the main stream, delivers ultra high definition live
- Motorized lens with P-iris, supports accurate control of exposure
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, supports false alarm filtering, including cross line, intrusion, enter area, leave area detection
- People counting, supports people flow counting and crowd density monitoring, suitable for different statistical scenarios
- Traffic monitoring, supports capturing license plate and collecting car information when the car passes tripwire
- Wise-ISP technology, comprehensive improvement in image quality
- Up to 130 dB optical WDR (wide dynamic range)
- Built-in heater, supports normal startup at temperatures as low as -40°C
- DC 12 V, PoE (IEEE 802.3af) power supply
- Alarm I/O: 1/1, audio I/O: 1/1
- IP67, IK10

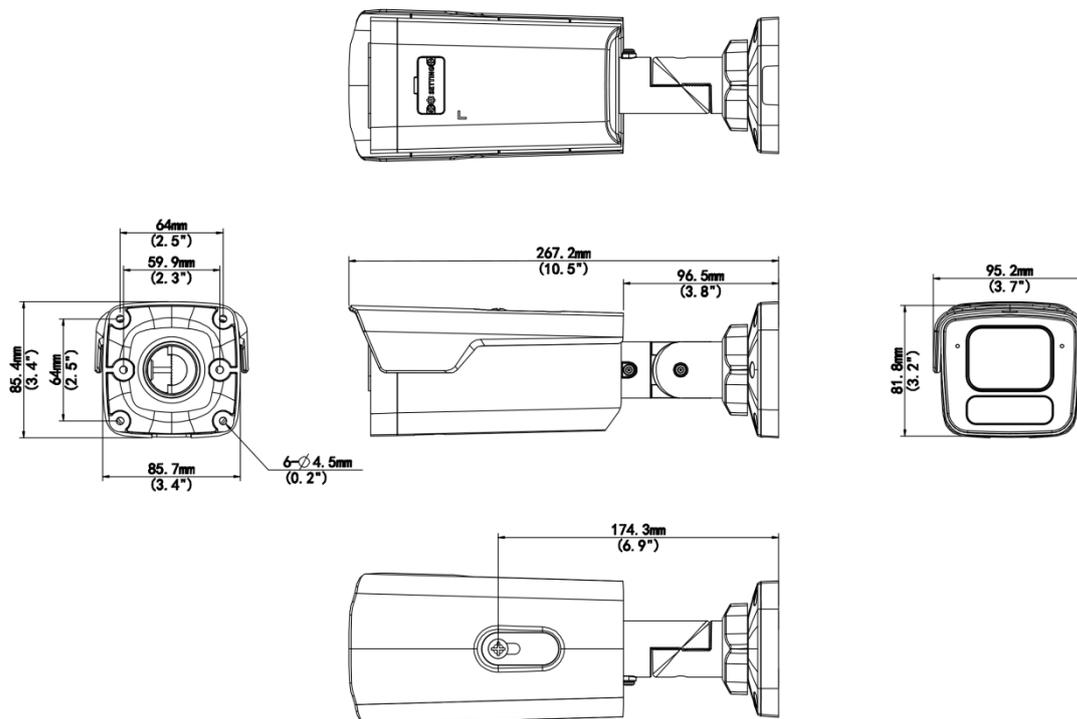
## Specifications

Model	IPC2B24SA-AHDZK-PI-LS-I2A
<b>Camera</b>	
Max Resolution	4 MP
Sensor	1/1.8" CMOS
Min. Illumination	Color: 0.0003 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	130 dB
S/N	> 56 dB
<b>Lens</b>	
Focal Length	2.7 to 13.5 mm
Optical Zoom	5X
Iris	F1.2
Field of View (H)	107.4° to 49.1°
Field of View (V)	56.4° to 27.9°
Field of View (D)	128.8° to 60.4°
Iris Type	P-iris
<b>DORI</b>	
DORI Distance (Lens)	2.7 to 13.5 mm
DORI Distance (Detect)	68.0 m to 144.8 m (223.1 ft. to 475.1 ft.)
DORI Distance (Observe)	27.2 m to 57.9 m (89.2 ft. to 190.0 ft.)
DORI Distance (Recognize)	13.6 m to 29.0 m (44.6 ft. to 95.1 ft.)
DORI Distance (Identify)	6.8 m to 14.5 m (22.3 ft. to 47.6 ft.)
<b>Illuminator</b>	
Illumination Distance (IR)	80 m (262.5 ft.)
Wavelength	850 nm
IR On/Off Control	Auto/Manual
<b>Video</b>	
Frame Rate-Main Stream	4 MP (2688 × 1520), max. 60 fps
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate-Sub Stream	1080P (1920 × 1080), max. 60 fps
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
ROI	Up to 8 areas
Privacy Mask	Up to 8 areas (8 blacks/ 8 mosaics)
Video Stream	Five streams
OSD	Up to 10 OSDs
Frame Rate-Third Stream	D1 (720 × 576), max. 60 fps
<b>Image</b>	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2, Area white balance
Digital Noise Reduction	2D/3D DNR

Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
Defog	Digital defog
EIS	Support
<b>Intelligent</b>	
People Counting	Support people flow counting and crowd density monitoring
Exception Detection	Object removed, Object Left Behind, Scene change, Defocus detection
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)
Traffic Monitoring	Support capturing car license picture and collect other car information when the car passes tripwire, Up to 4 lanes can be set, Two types of application mode available: High/Low pole
<b>Events</b>	
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
UMD (Ultra Motion Detection)	Support
<b>Audio</b>	
Audio Compression	G.711U, G.711A
Audio Bitrate	128 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz, 16 kHz
<b>Storage</b>	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
<b>Network</b>	
Protocols	IGMP, SMTP, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS, SSH, IPv4, RTP, RTCP, RTMP
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	UNV-Link, UNV-Link Pro, EZStation
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+
<b>Interface</b>	
Audio I/O	1 Input: impedance 1 k $\Omega$ , amplitude 2.5 V [p-p], 1 Output: impedance 600 $\Omega$ , amplitude 2.5 V [p-p]
Alarm I/O	1/1
Serial Port	1 $\times$ RS485
Built-in Mic	Built-in dual-mic
Network	1 $\times$ RJ45 10 M/100 M Base-TX Ethernet
<b>Certification</b>	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130) FCC-SDoC (47 CFR Part15, Subpart B)

Safety	CE-LVD (EN 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)
<b>General</b>	
Power	DC 12 V (±25%), PoE (IEEE 802.3af)
Power Consumption	Max. 11.8 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	268 mm × 96 mm × 82 mm (10.5" × 3.7" × 3.2") (L × W × H)
Weight	0.96 kg (2.11 lb.)
Working Environment	-40 °C to 60 °C (-40 °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
Heater	Support

## Dimensions



# Accessories

**TR-JB07-D-IN-V2**

Bullet Junction Box(Support wiring from behind)



**TR-JB06-A-IN**

Middle Bullet Junction Box(Elegant White)



**TR-A01-IN**

NPT 3/4" Waterproof Cable Gland



**TR-UP06-C-IN-V2**

Pole Mounting Bracket for Bullet Junction Box Only



**TR-UC08-C-V2**

Bullet&Dome Corner Mounting Bracket



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