

4MP Starlight Varifocal IR IP Bullet Camera

IPW-2324LSAH-28Z



Features

- High quality image with 4MP, 1/3" CMOS sensor
- 4MP (2688×1520)@25/20 fps; 4MP (2560×1440)@25/20 fps; 3MP (2304×1296)@30/25 fps; 2MP (1920×1080)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- 120 dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Alarm: 1 in/1 out, Audio: 1 in/1 out
- Smart IR, up to 50 m IR distance
- Supports up to 512 GB Micro SD Card
- IP67 protection
- Support PoE power supply
- 3-Axis

Specifications

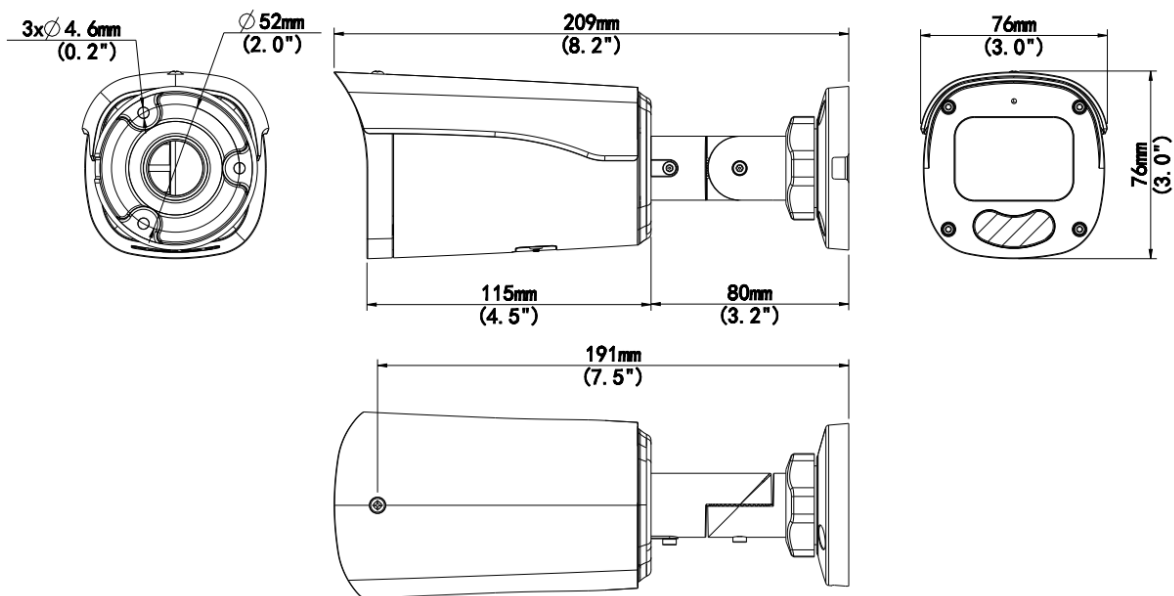
Model	IPW-2324LSAH-28Z				
Camera					
Max Resolution	4 MP				
Sensor	1/3.0" CMOS				
Min. Illumination	Colour: 0.003 lux (F1.6, AGC ON) 0 lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Adjustment Angle	Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°				
S/N	>52 dB				
WDR	120 dB				
Lens					
Focal Length	2.8 to 12 mm				
Iris Type	Fixed				
Iris	F1.6				
Field of View (H)	91.5°~34°				
Field of View (V)	51.0°~18.9°				
Field of View (D)	96.0°~36.9°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63	25.2	12.6	6.3
	12	270	108	54	27
Illuminator					
Supplemental Light	IR				
Illumination Distance (IR)	50 m				
Wavelength	850 nm				
IR 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				
Video Stream	Dual streams				
Frame Rate	Main Stream: 4MP (2688x1520), Max 25fps;4MP (2560x1440), Max 25fps; 3MP (2304x1296), Max 30fps; 1080P (1920x1080), Max 30fps; 720P(1280x720), Max 30fps; Sub Stream: 720P (1280x720), Max 30fps; D1 (720x576), Max 30fps; 640x360, Max 30fps;				
Video Bit Rate	128 kbps to 6144 kbps				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Support				
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
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection, Cross line (based on human body detection), Intrusion (based on human body detection)
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 kbps
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, QoS, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users, 2 user levels: administrator and common user
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	Guard Live; Guard Live Pro; Guard Station
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 35 kΩ, amplitude 2 V [p-p], 1 Output: impedance 600 Ω, amplitude 2 V [p-p]
Alarm I/O	1/1
Built-in Mic	Support
Network	1x RJ45 10 M/100 M Base-TX Ethernet
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) 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)

General

Power	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 9.6W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	209 × 76 × 76mm (L x W x H)
Weight	0.51kg
Material	Graphene + Metal
Working Environment	-40 °C to 60 °C, Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-40 °C to 60 °C, Humidity: ≤ 95% RH (non-condensing)
Surge Protection	6 kV
Reset Button	Support

Dimensions



Accessories

TR-JB05-B-IN	TR-UP06-C-IN	TR-A01-IN
Small Bullet Junction Box	Pole Mounting Bracket for Bullet Junction Box Only	NPT 3/4" Waterproof Cable Gland
		

TR-UC08-C		
Bullet&Dome Corner Mounting Bracket		
		