

# 8MP Intelligent Dual light VF Dome Network Camera IPC3238SB-ADZKM-DL-I1



## Features

- High quality image with 8 MP, 1/2.7" CMOS sensor
- 8 MP (3840 × 2160)@25/24 fps; 5 MP (3072 × 1728)@30/25 fps; 4 MP (2560 × 1440)@30/25 fps; 1080P (1920 × 1080)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, including cross line, intrusion, enter area, leave area detection
- Intelligent intrusion prevention system based on target classification significantly reduces false alarms caused by leaves, birds, and lights, accurately focusing on humans, vehicles, and non-motor vehicles
- Support ultra motion detection
- Intelligent people flow counting and crowd density monitoring
- 120 dB true WDR technology enables clear image in strong light scene
- Supports 9:16 corridor mode
- Alarm I/O: 1/1, audio I/O: 1/1
- MicroSD, up to 512 GB
- IK10 vandal resistant and IP67 protection

## Specifications

Model	IPC3238SB-ADZKM-DL-I1
<b>Camera</b>	
Max Resolution	8 MP
Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.002 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
Adjustment Angle	Pan: 0° to 355°, Tilt: 0° to 76°, Rotate: 0° to 355°
WDR	120 dB
S/N	> 52 dB
<b>Lens</b>	
Focal Length	2.8 to 12 mm
Iris	F1.4
Field of View (H)	111.5° to 34.4°
Field of View (V)	58.7° to 19.2°
Field of View (D)	132.5° to 39.4°
Lens Type	Motorized
Iris Type	Fixed
<b>DORI</b>	
DORI Distance (Lens)	2.7 to 13.5 mm
DORI Distance (Detect)	81.0 m to 405.0 m (265.7 ft. to 1328.7 ft.)
DORI Distance (Observe)	32.4 m to 162.0 m (106.3 ft. to 531.5 ft.)
DORI Distance (Recognize)	16.2 m to 81.0 m (53.1 ft. to 265.7 ft.)
DORI Distance (Identify)	8.1 m to 40.5 m (26.6 ft. to 132.9 ft.)
<b>Illuminator</b>	
Illumination Distance (Warm Light)	40 m (131.2 ft.)
Illumination Distance (IR)	40 m (131.2 ft.)
Light On/Off Control	Auto/Manual
Wavelength	850 nm
Supplemental Light	Dual light
<b>Video</b>	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 8 MP (3840 × 2160), max. 25 fps; 5 MP (3072 × 1728), max. 30 fps; 4 MP (2560 × 1440), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; Sub Stream: 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps; Third Stream: D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps;
Video Bit Rate	128 Kbps to 16 Mbps

U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Triple streams
<b>Image</b>	
Smart IR	Support
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2, Area white balance
Digital Noise Reduction	2D/3D DNR
Dewarping	Support
Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital defog
<b>Intelligent</b>	
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
Statistical Analysis	N/A
<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
<b>Audio</b>	
Audio Compression	G.711U, G.711A, AAC-LC
Audio Bitrate	G.711U/G.711A: 64 kbps, AAC-LC: 128 kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	G.711U/G.711A: 8 kHz, AAC-LC: 8 kHz, 16 kHz, 48 kHz
<b>Storage</b>	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
<b>Network</b>	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, SSL/TLS, 802.1x, SNMP, QoS, HTTPS, SMTP, PPPoE
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	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, DTLS 1.2
Client	EZStation, APP
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 k $\Omega$ , amplitude 2 V [p-p], 1 Output: impedance 600 $\Omega$ , amplitude 2 V [p-p]
Alarm I/O	1/1
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 $\times$ RJ45 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130-4) FCC (FCC 47 CFR part15 B)
Safety	CE-LVD (EN 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)
General	
Power	DC 12 V $\pm$ 25%, PoE (IEEE 802.3af)
Power Consumption	Max. 8.6 W
Power Interface	$\varnothing$ 5.5 mm coaxial power plug
Dimensions	$\varnothing$ 148 mm $\times$ 111 mm ( $\varnothing$ 5.8" $\times$ 4.4") ( $\varnothing \times$ H)
Weight	0.94 kg (2.07 lb)
Working Environment	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F), Humidity: $\leq$ 95% RH (non-condensing)
Storage Environment	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F), Humidity: $\leq$ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
Material	Metal
Web Client Language	20 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

# Dimensions



# Accessories

**TR-JB04-C-IN**

Junction Box for 323 Series  
Fix-dome(Support wiring from behind)



**TR-FM152-A-IN**

In-ceiling Bracket for 323 Series  
Fix-dome



**TR-JB07/WM04-B-IN-V2**

4 Inch Back Hole Hemisphere Wall  
Mounting Assembling Bracket



**TR-A01-IN**

NPT 3/4" Waterproof Cable Gland



**TR-WM04-IN-V2**

4 Inch Hemisphere Wall Mounting Bracket



**TR-SM04-IN**

Switch Box Adapter for 323 Series  
Fix-dome



TR-UP06-C-IN-V2

Pole Mounting Bracket for Bullet Junction  
Box Only



TR-UC08-C-V2

Bullet&Dome Corner Mounting Bracket



TR-SE24-IN

Dome Pendent Mounting Pole 200mm



TR-SE24-A-IN

Dome Pendent Mounting Pole 500mm



TR-CM24-IN

Dome Pendent Mounting Bracket(Indoor)



HS-207S

Sunshade Shell for Zoom Dome



# Unlimited New View

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