

# 5MP HD Intelligent LightHunter IR VF Dome Network Camera

IPC3235SB-ADZK-IO



## Key Features



- High quality image with 5MP, 1/2.7"CMOS sensor
- 5MP (2560\*1920)@ 25fps; 5MP (2880\*1620)@ 30/25fps; 4MP (2560\*1440)@ 30/25fps; 3MP (2304\*1296) @30/25fps; 2MP (1920\*1080) @30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Intelligent perimeter protection, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle
- LightHunter technology ensures ultra-high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Built-in Mic
- Alarm:1 in/1 out, Audio: 1 in/1 out
- Smart IR, up to 40m (131ft) IR distance
- Supports 256 G Micro SD card
- IK10 vandal resistant
- IP67 protection
- Support PoE power supply

## Specifications

	IPC3235SB-ADZK-IO				
Camera					
Sensor	1/2.7", 5.0 megapixel, progressive scan, CMOS				
Lens	2.7 ~ 13.5mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.7	60.8	24.3	12.2	6.1
	13.5	303.8	121.5	60.8	30.4
Angle of View (H)	106.25° ~ 30.42°				
Angle of View (V)	56.36° ~ 17.22°				
Angle of View (O)	110.34° ~34.18°				
Adjustment angle	Pan: 0° ~ 355°		Tilt: 0° ~ 80°		Rotate: 0° ~ 355°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour:0.002 Lux (F1.2, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital Noise Reduction	2D/3D DNR				
S/N	>56dB				
IR Range	Up to 40m (131ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
WDR	120dB				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 5MP (2560*1920), Max 25fps; 5MP (2880*1620), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
Video Bit Rate	128 Kbps~16 Mbps				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Image					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Smart IR	Support				
Flip	Normal/Vertical/Horizontal/180°				
Dewarping	N/A				
HLC	Supported				
BLC	Supported				

## Audio

Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ

## Storage

Edge Storage	Micro SD, up to 256GB
Network Storage	ANR

## Intelligent

Smart Intrusion Prevention	Cross line, intrusion, enter area, leave area detection;
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## Events

Basic Detection	Motion detection, tampering alarm, audio detection, object left, object moving
General Function	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication

## Network

Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	EZStation EZView EZLive
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+

## Interface

Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Built-in Mic	Supported
Network	1 RJ45 10M/100M Base-TX Ethernet

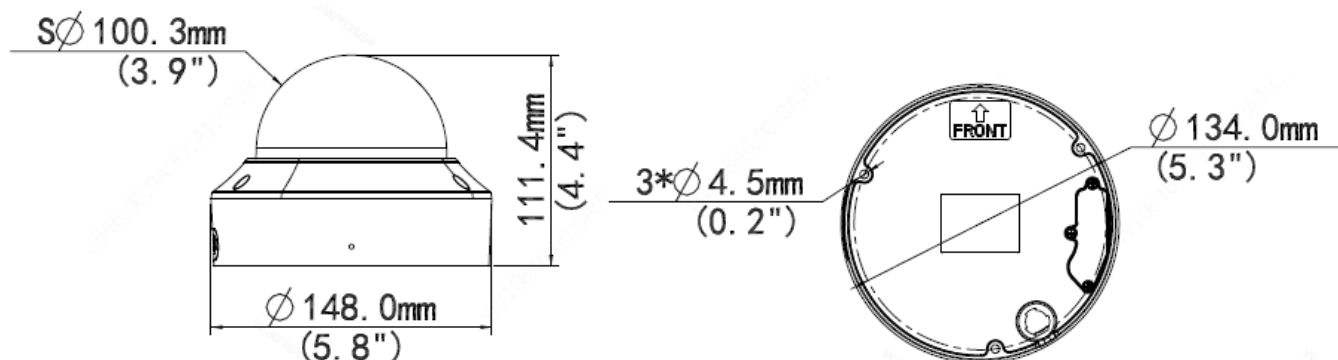
## Certifications

Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
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## General

Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 7.0 W
Dimensions (Ø x H)	Φ148.0 x 111.4mm (Ø5.8" x 4.4")
Net Weight	0.97kg (2.12lb)
Material	Metal + Plastic
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Reset Button	Supported
Ingress Protection	IP67
Vandal Resistant	IK10

## Dimensions



## Accessories

TR-JB04-C-IN



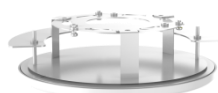
TR-JB07/WM04-B-IN



TR-WM04-IN



TR-FM152-A-IN



TR-UP06-IN



TR-A01-IN



TR-SM04-IN



TR-SE24-IN

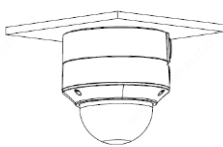
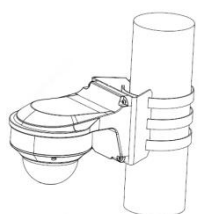

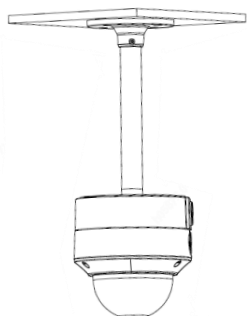


TR-SE24-A-IN



TR-CM24-IN



Junction Mount	Pole Mount
TR-JB04-C-IN	TR-WM04-IN(TR-JB07/WM04-B-IN)+TR-UP06-IN
	
TR-FM152-A-IN	TR-CM24-IN+TR-JB04-C-IN
	

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\*Product specifications and availability are subject to change without notice.