

4MP WDR Fixed Bullet Network Camera

IPC2224SS-DF40(60)K



Key Features



Optics

- Day/night functionality
- Smart IR, up to 60m (196.9ft) IR distance
- Up to 120dB Optical WDR (Wide Dynamic Range)
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- ROI (Region of Interest)
- 9:16 corridor format

Network

- ONVIF Conformance

Structure

- Wide temperature range: -35°C ~ 60°C (-31°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 3-Axis

Specifications

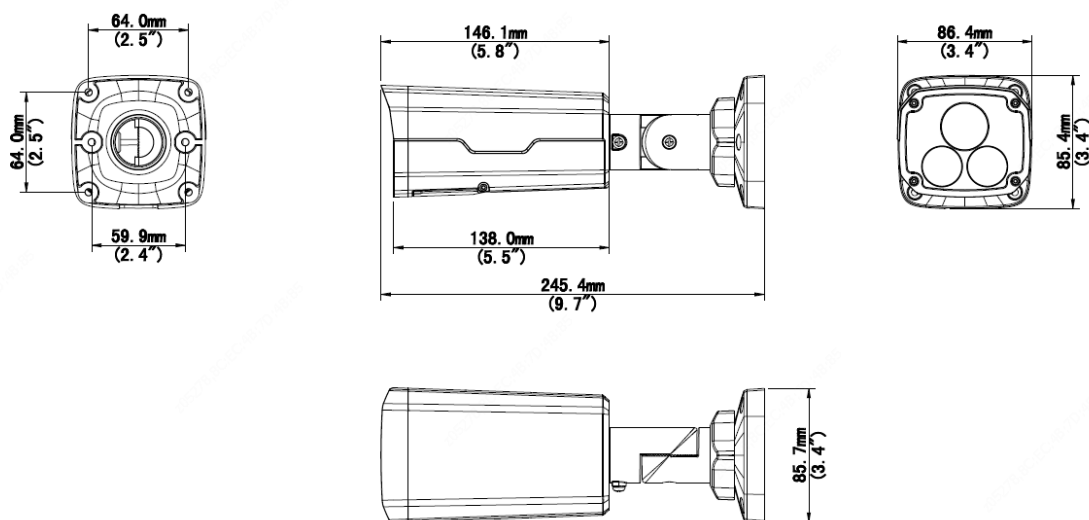
	IPC2224SS-DF40K			IPC2224SS-DF60K		
Camera						
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS					
Lens	4.0mm@F1.6			6.0mm@F1.6		
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	
	4.0	90	36	18	9	
	6.0	135	54	27	13.5	
Angle of View (H)	82.0°			52.1°		
Angle of View (V)	41.6°			28.4°		
Angle of View (O)	100.9°			64.1°		
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°		Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s					
Minimum Illumination	Colour: 0.003Lux (F1.6, AGC ON) 0Lux with IR on					
Day/Night	IR-cut filter with auto switch (ICR)					
Digital noise reduction	2D/3D DNR					
S/N	>52dB					
IR Range	Up to 60m (196.9ft) 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: 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 2MP (1920*1080), Max 30fps;					

	Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps
Video Bit Rate	128 Kbps~16 Mbps
9:16 Corridor Mode	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
Dewarping	Support
HLC	Support
BLC	Support
Smart	
Behavior Detection	Intrusion, cross line, motion detection, Human Body Detection
Intrusion	Enter and loiter in a pre-defined virtual region
cross line	Cross a pre-defined virtual line
motion detection	Moving within a pre-defined virtual region
Recognition	Audio detection
Intelligent Identification	Defocus, Scene Change, Object Left, Object Moving
General Function	Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, NAS
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
Network	1 RJ45 10M/100M Base-TX Ethernet
Certifications	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15

General

Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 6.5W
Dimensions (L × W × H)	245.4 × 86.4 × 85.4mm (9.7" × 3.4" × 3.4")
Net Weight	0.87kg (1.91lb)
Material	metal
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
surge protection	6KV
Ingress Protection	IP67
Vandal Resistant	IK10

Dimensions

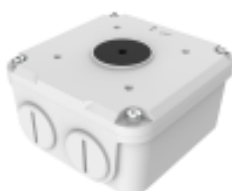


Accessories

TR-JB07-D-IN



TR-JB06-A-IN



TR-UP06-B-IN



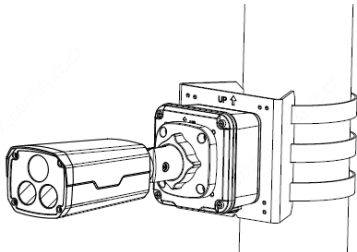
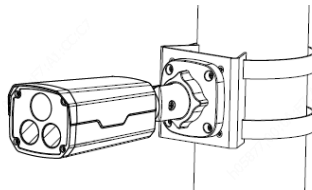
TR-UP06-C-IN



TR-A01-IN





Junction Mount	Pole Mount
TR-JB07-D-IN(TR-JB06-A-IN)+ TR-UP06-C-IN	TR-UP06-B-IN
	

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