

4MP WDR Fixed Bullet Network Camera

IPC2224SR5-DPF40(60)-B
UNV4440 / UNV4450



Key Features

Optics

- Day/night functionality
- SmartIR ,up to 50 m (164 ft) IR distance
- Up to 120 dB 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 to 60°C (-31°F to 140°F)
- Wide voltage range of $\pm 25\%$
- IK10 vandal resistant
- IP67

Specifications

	IPC2224SR5-DPF40-B			IPC2224SR5-DPF60-B		
Camera						
Sensor	1/3", progressive scan, 4.0 megapixel, CMOS					
Lens	4.0mm@F1.8			6.0mm@F1.8		
DORI Distance	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)	
	4mm	90	36	18	9	
	6mm	135	54	27	13.5	
Angle of View(H)	78.9°		49.9°			
Angle of View (V)	39.6°		27°			
Angle of View (O)	97.1°		61.4°			
Adjustmentangle	Pan: 0°~360°		Tilt: 0°~90°		Rotate:0°~360°	
Shutter	Auto/Manual, 1/6~1/100000 s					
Minimum Illumination	Colour: 0.02 Lux (F1.8, AGC ON) 0 Lux with IR on					
Day/Night	IR-cut filter with auto switch (ICR)					
Digital noise reduction	2D/3D DNR					
S/N	>55dB					
IR Range	Up to 50m (164 ft) IR range					
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 (2592×1520): Max. 20 fps, 4MP (2560×1440): Max. 25 fps, 3MP (2048×1520): Max. 30 fps; Sub Stream:2MP (1920×1080): Max. 30 fps; Third Stream:D1(720×576) : Max. 30fps					
9:16 Corridor Mode	Supported					
HLC	Supported					
BLC	Supported					
OSD	Up to 8 OSDs					
Privacy Mask	Up to 8 areas					
ROI	Up to 8 areas					
Motion Detection	Up to 4 areas					
Smart						
Behavior Detection	Intrusion, cross line, motion 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:	Face detection、Audio detection					
Intelligent Identification	Defocus, Scene Change					
Statistical Analysis	People counting					
General Function	Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication					

Storage

Edge Storage Micro SD, up to 128 GB

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, SSL, TLS

Compatible Integration ONVIF(Profile S, Profile G), API

Interface

Network 1 RJ45 10M/100M Base-TX Ethernet

General

Power 12 V DC $\pm$ 25%, PoE (IEEE802.3 af)

Power consumption: Max 9 W

Dimensions (L x W x H) 253.4 x 86 x 71.7 mm (9.98" x 3.4" x 2.8")

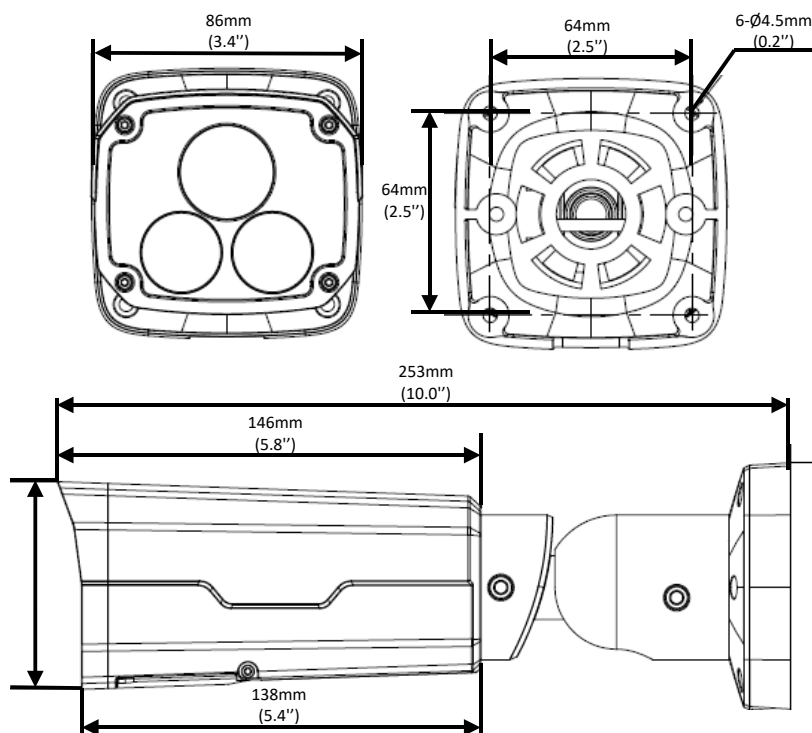
Weight 0.58kg (1.28lb)

Working Environment -35°C ~ +60°C (-31°F ~ 140°F), Humidity:10%~95% RH(non-condensing)

Ingress Protection IP67

Vandal Resistant IK10

Dimensions



Accessories

Installation mode	Accessories	Description
Wall mount	\	Mounting pedestal is included in the Product package
Ceiling mount	\	Mounting pedestal is included in the Product package

Installation mode	Accessories	Description
Rail mount	TR-UP06-A-IN	For outdoor rail installation
Pole mount	TR-UP06-A-IN	For outdoor pole installation

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