UNV

2 × 2MP Dual-channel Non-Splicing Multiview Series IR Fixed Intelligent Network Camera

IPC3222SS-ADF40K-I1

| 2 MP | Dual-lens adjustable | 130dB WDR | Intrusion detection | Ultra motion detection | Built-in Mic | Edge storage | IK10 |

Features

- High quality image with 2 × 2MP resolution, 1/2.8" CMOS sensor
- Single IP with dual channels
- 2MP (1920 × 1080)@30/25 fps; 720P (1280 × 720)@30/25 fps
- Ultra 265, H.264, H.265, MJPEG
- Both channels support intelligent perimeter protection, include 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 lighting, accurately focusing on humans, vehicles, and non-motorized vehicles
- Intelligent People Flow Counting and Crowd Density Monitoring (Only Channel 1)
- 130 dB true WDR technology enables clear image in strong light scene
- Built-in two Mics
- Supports up to 512 GB Micro SD Card
- DC12 V or PoE (IEEE 802.3af) power supply
- IP67 protection and IK10 vandal resistant
- 3-Axis

Specifications

Channel	Channel 1	Channel 2

Camera

Max Resolution	2 MP
Sensor	1/2.8" 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° ~ 180°, Tilt: 0° ~ 66°, Rotate: 0° ~ 346°
S/N	>52 dB
WDR	130 dB

Lens

Focal Length	4.0 mm
Iris	F1.6
Field of View (H)	86.88°
Field of View (V)	44.39°
Field of View (D)	91.76°
Lens Type	Fixed

DORI

DORI Distance (Lens)	4.0mm
DORI Distance (Detect)	62.1m(203.7ft)
DORI Distance (Observe)	24.8m(81.4ft)
DORI Distance (Recognize)	12.4m(40.7ft)
DORI Distance (Identify)	6.2m(20.3ft)

Illuminator

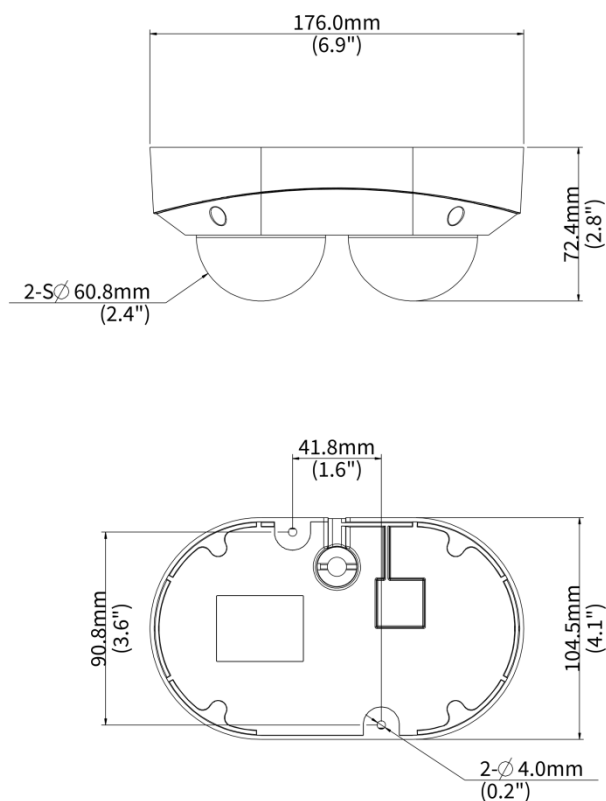|	
Supplemental Light	IR
Illumination Distance (IR)	30 m (98.4 ft)
IR On/Off Control	Auto/Manual
Wavelength	850 nm

Video

Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 Code Profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), 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 to 16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Triple streams

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
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital defog
Image Stabilization	N/A

Intelligent

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)
Statistical Analysis	N/A

Events

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

Audio

Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz

Storage

Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR, NAS (NFS)

Network

Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), 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
Client	UNV-Link, UNV-Link Pro, EZStation
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
Serial Port	N/A
Built-in Mic	Built-in two mics
Built-in Speaker	N/A
WIFI	N/A
Network	1 × 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) 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 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 8.2W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	176×104×72mm (6.9" × 4.1'' ×2.8") (L x W x H)
Weight	0.62kg(1.37lb)
Material	Metal
Working Environment	-30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support
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-CM24-IN	**TR-SE24-IN**	**TR-SE24-A-IN**
Dome Pendent Mounting Bracket(Indoor)	Dome Pendent Mounting Pole 200mm	Dome Pendent Mounting Pole 500mm

TR-JB08	**TR-A01-IN**	**TR-JB07/WM03-H-IN**
Junction Box for 322x Dual-lens Dome	NPT 3/4'' Waterproof Cable Gland	Wall Mounting Assembling Bracket For Dual Channel Dome Camera

TR-WM03-E-IN

Wall Mounting Bracket for Dual Channel Dome Camera

TR-UP06-IN

Universal Pole Mounting Bracket

TR-UC08-C

Bullet&Dome Corner Mounting Bracket

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