IPC-D121HE-UC
2 MP Fixed Dome Network Camera

HD | **DIGITAL WDR** | **H.265+**

- High quality imaging with 2 MP resolution

- Easy installation with Power over Ethernet (PoE) technology

- Efficient H.265+ compression technology

- Support person detection

- Clear imaging against strong back light due to digital WDR technology

▪ Specification

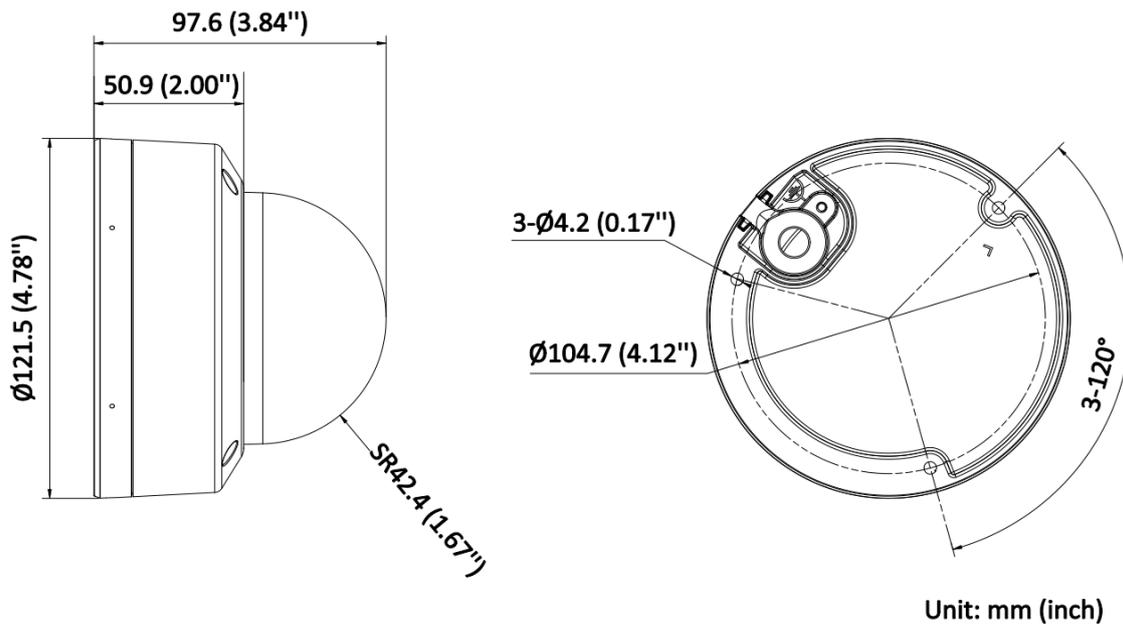| Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Shutter Time	1/3 s to 1/100,000 s
Min. Illumination	Color: 0.01 Lux @ (F2.2, AGC ON),B/W: 0 Lux with IR
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°,tilt: 0° to 75°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 97°, vertical FOV 54°, diagonal FOV 113°
	4 mm, horizontal FOV 76°, vertical FOV 42°, diagonal FOV 90°
Lens Mount	M12
Iris Type	Fixed
Aperture	F2.2
Depth of Field	2.8 mm: 0.8 m to ∞
	4 mm: 1 m to ∞
DORI	
DORI	2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m
	4 mm, D: 57 m, O: 22 m, R: 11 m, I: 5 m
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 20 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720)
	60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360)
	60 Hz: 30 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264,
	Sub-stream: H.265/H.264
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile,Main Profile,High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR,VBR
Region of Interest (ROI)	1 fixed region for main stream
Network	
API	ONVIF (Profile S, Profile T),ISAPI,SDK
Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, security audit log, host authentication (MAC address)
Simultaneous Live View	Up to 6 channels
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, UDP, QoS
User/Host	Up to 32 users
	3 user levels: administrator, operator, and user
Client	iVMS-4200,HiLookVision

Web Browser	Local service: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+
Image	
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Privacy Mask	1 programmable polygon privacy mask
Day/Night Switch	Day,Night,Auto,Schedule
Image Enhancement	BLC,HLC,3D DNR
Image Settings	Saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Built-in Microphone	Yes,1 built-in microphone
Event	
Basic Event	Motion detection,exception
Linkage	Notify surveillance center
General	
Power	PoE: IEEE 802.3af, Class 0, max. 6.5 W
Material	Plastic
Dimension	Ø121.5 mm × 97.6 mm (Ø4.8" × 3.8")
Package Dimension	163 mm × 75 mm × 75 mm (6.4" × 3.0" × 3.0")
Weight	Approx. 240 g (0.5 lb.)
With Package Weight	Approx. 380 g (0.8 lb.)
Storage Conditions	-10 °C to 40 °C (14 °F to 104 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-10 °C to 40 °C (14 °F to 104 °F). Humidity 95% or less (non-condensing)
Language	English, Ukrainian
General Function	Heartbeat,anti-banding,mirror,password protection,password reset via email
Approval	
EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021
Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006

▪ Available Model
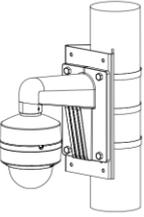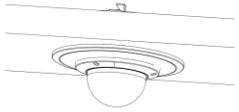
IPC-D121HE-UC(2.8mm)

IPC-D121HE-UC(4mm)

▪ Dimension

97.6 (3.84")

50.9 (2.00")

Ø121.5 (4.78")

SR42.4 (1.67")

3-Ø4.2 (0.17")

Ø104.7 (4.12")

3-120°

Unit: mm (inch)

▪ Accessory

▪ **Optional**

DS-1276ZJ-SUS	DS-220AZJ-130-WA	DS-1275ZJ-S-SUS	DS-1275ZJ-SUS	DS-4221ZJ-WC
DS-1271ZJ-120	DS-1272ZJ-120	DS-220AZJ-145-WA	DS-1272ZJ-120B	DS-1280ZJ-DM46

▪ Installation Methods

Corner Mounting DS-1276ZJ-SUS+DS-1272ZJ-120+DS-1280ZJ-DM46	Wall Mounting DS-220AZJ-130-WA	Wall Mounting DS-1272ZJ-120	Wall Mounting DS-220AZJ-145-WA	Wall Mounting DS-1272ZJ-120B+DS-1280ZJ-DM46

Vertical Pole Mounting DS-1275ZJ-S-SUS+DS-220AZJ-130-WA	Vertical Pole Mounting DS-1275ZJ-SUS+DS-1272ZJ-120	In-Ceiling Mounting DS-4221ZJ-WC	Pendant Mounting DS-1271ZJ-120	Junction Box DS-1280ZJ-DM46

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