

## DS-2CD6D54FWD-(I)Z(S)(/NFC) EXIR Flexible PanoVu Network Camera



### smart IPC

- 1/2.7" Progressive Scan CMOS
- 2560 × 1440 @ 30fps
- FOV: horizontal 31° to 108°, vertical 22.5° to 74.4°
- H.265, H.264
- Fiber optic transmission, optional
- 10 m to 30 m IR range
- IP66, IK10
- 4 flexible lens
- 6 behavior analyses, 4 exception detection, and face detection



## Specifications

<b>Camera</b>		
Image Sensor	1/2.7" Progressive Scan CMOS	
Min. Illumination	Color: 0.006 Lux @ (F1.2, AGC ON), 0.010 Lux @ (F1.6, AGC ON) B/W: 0.002 Lux @ (F1.2, AGC ON); 0.003 Lux @ (F1.6, AGC ON) 0 Lux with IR on	
Shutter Speed	1/25 s - 1/100,000 s	
Auto-iris	Not support	
Day & Night	IR Cut Filter	
Digital Noise Reduction	3D DNR	
WDR	120 dB	
3-Axis Adjustment	Pan: 0° to +355°, tilt: 0° to 135°, rotate: 0° to 355°	
<b>Lens</b>		
Focal length	2.8mm to 12mm	
Aperture	F1.6	
FOV	Horizontal field of view: 30° to 97° Vertical field of view: 22.4° to 70°	
Lens Mount	Ø14	
<b>IR</b>		
IR Range	10 m to 30 m	
<b>Compression Standard</b>		
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264	
H.264 Type	Baseline Profile/Main Profile/High Profile	
H.264+	Support	
H.265 Type	Main Profile	
H.265+	Support	
Video Bit Rate	32 Kbps to 16 Mbps	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC	
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/16-64Kbps(AAC)	
<b>Smart Feature-set</b>		
Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	
Exception Detection	Audio exception detection, scene change detection, defocus detection	
Face Detection	Yes	
Region of Interest	Support 4 fixed region for each stream	
<b>Image</b>		
Max. Resolution	2560 x 1920	
Original Image	Main stream	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)
	Sub-stream	50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 24fps (704 × 480, 640 × 480)
	Third stream	50Hz: 6fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 8fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480)
Image Enhancement	BLC/ 3D DNR	

Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, and white balance are adjustable by client software or web browser
SVC	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
<b>Network</b>	
Network Storage	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP
General Function	One-key reset, anti-flicker, mirror, heartbeat, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 8 channels
User/Host	Up to 31 users 3 levels: Administrator, Operator and User
Client	iVMS-4200
Web Browser	IE8+, Chrome31-44, Firefox 30.0 - 51
<b>Interface</b>	
Audio	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, dual-track, stereo
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port 1 RS-485 interface 1 1000M FC fiber optical interface
Alarm	2 inputs, 2 outputs (up to 24 VD, 1A or 110 VAC, 500mA )
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
<b>Audio</b>	
Environment Noise Filtering	Support
Audio Sampling Rate	Max. 48 kHz
<b>Fiber Optical</b>	
Interface Type	FC interface
Optical Type	Single mode, single fiber
Input/output Wavelength	Tx1310nm/1.25G, Rx1550nm/1.25G
Transmission Distance	20 km
<b>General</b>	
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). -H: -40 °C to 60 °C (-40 °F to 140 °F) Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 20%, 24 VAC ± 20%, PoE (802.3at): 42.5 VDC to 57 VDC
Power Consumption and Current	12 VDC ± 20%: max. 28 W/2.3 A 24 VAC ± 20%, max. 50 to 60 Hz/2.5 A PoE (802.3at): 42.5 VDC to 57 VDC, max. 38W/0.9 A to 0.6 A
Protection Level	IP66, IK10
Material	Aluminum alloy, engineering plastics
Dimensions	Camera: Ø290 × 145.5 mm (Ø11.42" × 5.73") Package: To be determined
Weight	Approx. 8000 g (17.64 lb.)

## Available Models

DS-2CD6D54FWD-Z	DS-2CD6D54FWD-Z/NFC	DS-2CD6D54FWD-ZH	DS-2CD6D54FWD-ZH/NFC
DS-2CD6D54FWD-IZ	DS-2CD6D54FWD-IZ/NFC	DS-2CD6D54FWD-IZH	DS-2CD6D54FWD-IZH/NFC
DS-2CD6D54FWD-IZS	DS-2CD6D54FWD-IZS/NFC	DS-2CD6D54FWD-IZHS	DS-2CD6D54FWD-IZHS/NFC

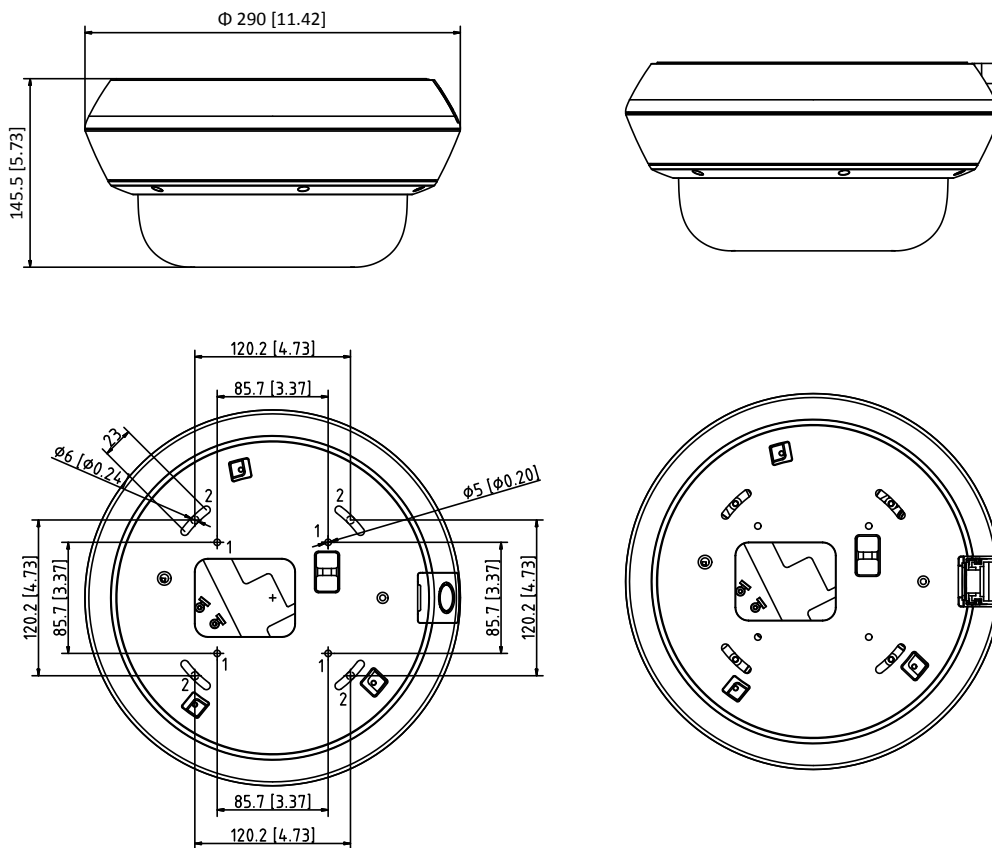
-I: IR supported

-H: heater supported

-S: alarm, audio, and RS-485 supported

-/NFC: fiber optical transmission supported

## Dimensions



Unit: mm

**Accessories**



**DS-1668ZJ**  
Pendant Mount



**DS-1668ZJ(20)**  
Pendant Mount



**DS-1603ZJ**  
Wall Mount



**DS-1275ZJ**  
Pole Mount



**DS-1276ZJ**  
Corner Mount



**DS-1275ZJ**  
Pole Mount



Cap Adapter (Included)

Distributed by



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