

DS-2CD6D24FWD-(I)Z(H)(S)

8 MP H.265+ EXIR Flexible PanoVu Network Camera Series



Hikvision's DS-2CD6D24FWD-(I)Z(H)(S) 8 MP H.265+ EXIR PanoVu Flexible Outdoor Network Camera features 1/2.7" progressive scan CMOS sensors and four lenses. Each lens supports 1080p at 30 fps. Compression up to H.265+ saves bandwidth and storage space. EXIR technology (-I) extends the IR range to 98 feet (30 meters).

Available Models:

DS-2CD6D24FWD-Z

DS-2CD6D24FWD-IZHS

-Z: *Zoom lens*

-I: *IR*

-H: *Heater, start-up at -40°C*

-S: *1 audio input (line in), 1 audio output, 2 alarm inputs and 2 alarm outputs, and 1 RS-485 interface*

- 1/2.7" Progressive Scan CMOS
- 1920 × 1080 @ 30 fps
- 4 x (1920 x 1080 @ 30 fps), 8 MP Total
- 4 x (2.8-12 mm) Motorized Lenses
- FOV: Horizontal 30° to 96.3°, Vertical 17° to 54°, Diagonal 34° to 121°
- H.265+, H.265, H.264+, H.264
- True Day/Night
- 120 dB WDR
- 6 Behavior Analyses, 4 Exception Detection, and Face Detection
- 98' (30 m) IR Range
- IP67, IK10
- 4 x 3-Axis Individual Camera Gimbals



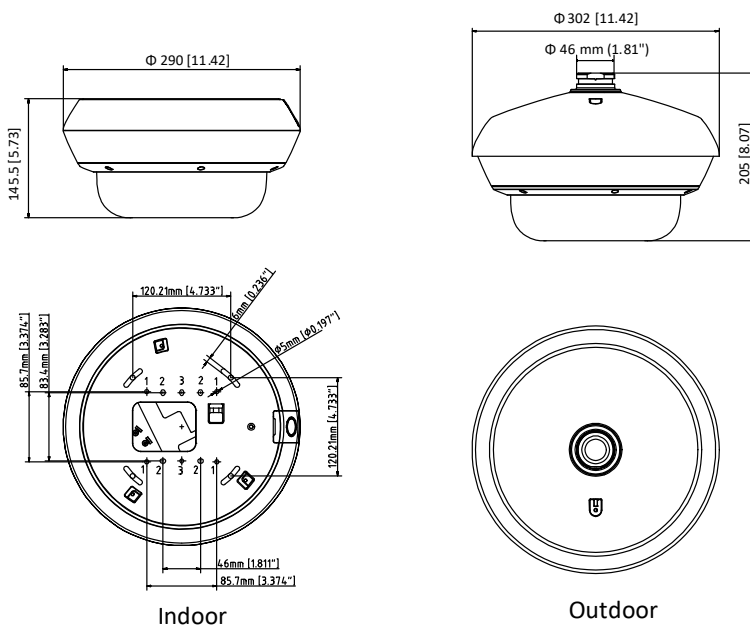
Specifications

Camera		
Image Sensors		4 x 2 MP 1/2.7" progressive scan CMOS
Minimum Illumination		Color: 0.006 lux @ (f/1.2, AGC on), 0.01 lux @ (f/1.6, AGC on) B/W: 0.002 lux @ (f/1.2, AGC on); 0.003 lux @ (f/1.6, AGC on) 0 lux with IR on
Shutter Speed		1/25 s to 1/100,000 s
Auto-Iris		No
Day/Night		IR cut filter
Digital Noise Reduction		3D DNR
WDR		120 dB
3-Axis Adjustment		Four flexible lens in one track, slide range: -180° to 180°, tilt: 0° to 135°, rotate: 0° to 355°
Lens		
Focal Length		2.8 mm to 12 mm
Aperture		f/1.6
FOV		Horizontal field of view: 30° to 96.3° Vertical field of view: 17° to 54° Diagonal field of view: 34° to 121°
Lens Mount		Ø14
IR		
IR Range		33' to 98' (10 m to 30 m)
Wavelength		850 nm
Compression Standard		
Video Compression		Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265+/H.265/H.264+/H.264/MJPEG Third stream: H.265+/H.265/H.264+/H.264
H.264 Type		Baseline Profile/Main Profile/High Profile
H.264+		Supported
H.265 Type		Main Profile
H.265+		Supported
Video Bit Rate		32 Kbps to 16 Mbps
Audio Compression (-S)		G.711/G.722.1/G.726/MP2L2/PCM/AAC
Audio Bit Rate (-S)		64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32-192 Kbps (MP2L2)/16-64 Kbps (AAC)
Smart Features		
Behavior Analysis	Any single channel, or channels 1+3, or 2+4	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Exception Detection		Audio exception detection (-S), scene change detection, defocus detection
Face Detection		Yes
Region of Interest		Supports 4 fixed regions for each stream
Image		
Maximum Resolution		1920 × 1080
Original Image	Main stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
	Sub-stream	30 fps (704 × 480, 640 × 480)
	Third stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480)
Full FOV Resolution	Total	7680 x 1080
	Per Sensor	1920 x 1080
Image Enhancement		BLC, 3D DNR, EIS
Image Setting		Rotate mode, saturation, brightness, contrast, sharpness, and white balance are adjustable by client software or Web browser
SVC		H.264 supported
Day/Night Switch		Day/Night/Auto/Schedule/Triggered by Alarm In (-S)
Picture Overlay		LOGO picture can be overlaid on video with 128 × 128 24-bit bmp format
Network		
Network Storage		Supports microSD/SDHC/SDXC card (128 GB), 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 Views		Up to 20 channels
User/Host		Up to 32 users, 3 levels: Administrator, Operator, and User
Client		iVMS-4200
Web Browser		IE8+. Chrome 31-44, Firefox 30.0-51

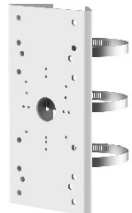
Specifications (continued)

Interface	
Audio (-S)	1-ch 3.5 mm input (line in/mic in), 1-ch 3.5 mm output, dual-track, stereo
Communication Interface	1 RJ-45 10M/100M/1000M Ethernet port 1 RS-485 interface (-S)
Alarm (-S)	2 inputs, 2 outputs (up to 24 VDC, 1 A or 110 VAC, 500 mA)
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Audio (-S)	
Environment Noise Filtering	Supported
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
General	
NVR Compatibility	Fully compatible with Hikvision I Series NVRs, compatible with E Series up to H.264+
Operating Conditions	-30° to 60° C (-22° to 140° F); -H: -40° to 60° C (-40° to 140° F) Humidity 95% or less (non-condensing)
Power	-Z
	12 VDC $\pm 25\%$, 12 W
	PoE (802.3af) 13 W
	-IZHS
	12 VDC $\pm 25\%$, 28 W Hi-PoE 34 W (PoE injector included)
Protection Level	IP67, IK10
Gimbals	4 x 3-axis with 360° pan, 90° tilt, and 360° Z-axis
Material	Aluminum alloy, engineering plastics
Dimensions	Camera: $\varnothing 290$ mm $\times$ 145.5 mm ($\varnothing 11.42$ " $\times$ 5.73") Package: 453 mm $\times$ 393 mm $\times$ 385 mm (17.8" $\times$ 15.47" $\times$ 15.16")
Weight	Camera: approximately 4.7 kg (10.3 lb) With package: approximately 7.7 kg (16.8 lb)

Dimensions



Accessories

	
WMP-L Wall Mount	WMP-PV Wall Mount
	
CPM-S Pendant Mount	PM Vertical Pole Mount
	
CM Corner Mount	Pendant Cap (Included)