

DS-2CD6D54FWD-(I)Z(H)(S)**20 MP H.265+ PanoVu EXIR Flexible Network Camera Series**

Hikvision's DS-2CD6D54FWD-(I)Z(H)(S) 20 MP H.265+ EXIR PanoVu Flexible Outdoor Network Camera features 1/2.7" progressive scan CMOS sensors and four lenses. Each lens supports 5 MP at 24 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-2CD6D54FWD-Z

DS-2CD6D54FWD-IZHS

*-Z: Zoom lens**-I: IR**-H: Heater (activates at -40°C)**-S: 1 audio input (line in), 1 audio output, 2 alarm inputs, 2 alarm outputs, 1 RS-485 interface*

- 1/2.7" Progressive Scan CMOS
- 2560 x 1920 @ 24 fps
- 4 x 2560 x 1920 @ 24 fps (20 MP Total)
- FOV: Horizontal 30° to 101°, Vertical 22.4° to 73°, Diagonal: 37° to 137°
- H.265+, H.265, H.264+, H.264
- True Day/Night
- 120 dB WDR
- 6 Behavior Analyses, 4 Exception Detections, and Face Detection
- 98 ft (30 m) IR Range
- IP67, IK10
- 4 x 3-Axis Individual Camera Gimbals



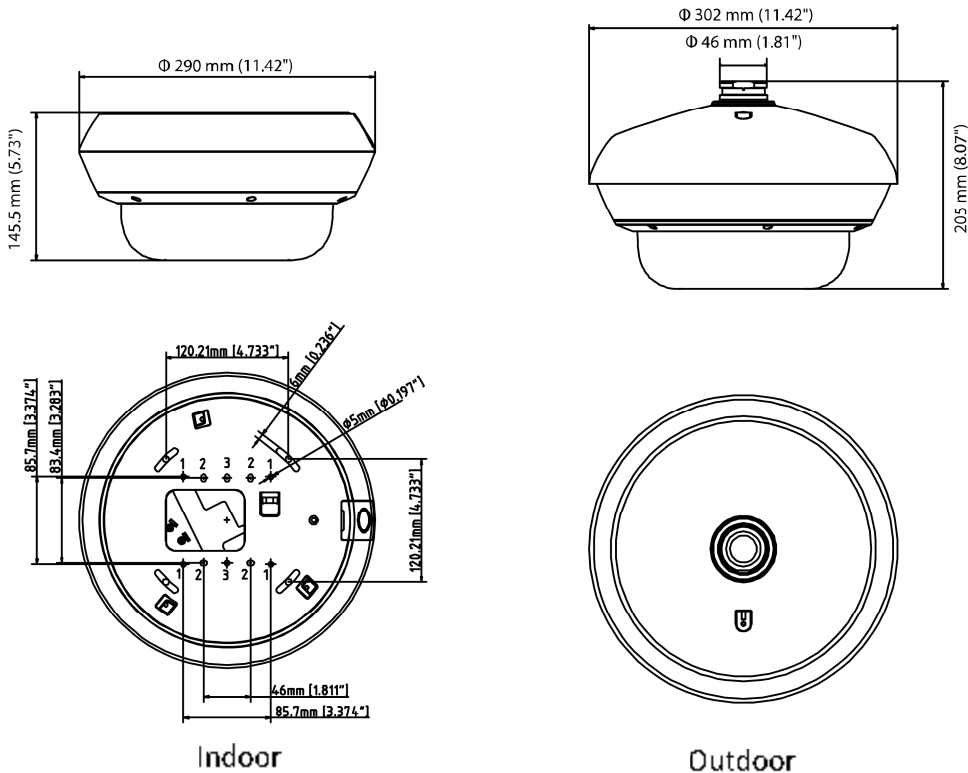
Specifications

Camera		
Image Sensor		4 x 5 MP 1/2.7" progressive scan CMOS
Minimum Illumination		Color: 0.006 lux @ (f/1.2, AGC on), 0.010 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 - 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 lenses 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 101° Vertical field of view: 22.4° to 73° Diagonal field of view: 37° to 137°
Lens Mount		Ø14
IR		
IR Range		33 ft to 98 ft (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.264/MJPEG Third stream: H.265/H.264
H.264 Type		Baseline profile/main profile/high profile
H.264+		Yes
H.265 Type		Main profile
H.265+		Yes
Video Bit Rate		32 Kbps to 16 Mbps
Audio Compression		G.711/G.722.1/G.726/MP2L2/PCM (-S)
Audio Bit Rate		64 Kbps [G.711]/16 Kbps [G.722.1]/16 Kbps [G.726]/32-192 Kbps [MP2L2] (-S)
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		2560 x 1920
Original Image	Main Stream	24 fps (2560 × 1920, 2048 × 1536, 1920 x 1080,1280 x 720)
	Sub-Stream	24 fps (704 × 480, 640 × 480)
	Third Stream	8 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480)
Full FOV Resolution	Total	10240 x 1920
	Per Sensor	2560 x 1920
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		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 Functions		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), 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, 1A, 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 ±25%, 12 W PoE (802.3af) 13 W
	-IZHS	12 VDC ±25%, 28 W Hi-PoE 34 W (PoE injector included)
Protection Levels		IP67, IK10
Material		Aluminum alloy, engineering plastics
Gimbals		4 x 3-axis with 360° pan, 90° tilt, and 360° Z-axis
Dimensions		Camera: ϕ290 mm × 145.5 mm (ϕ11.42" × 5.73") Package: 453 mm × 393 mm × 385 mm (17.8" × 15.47" × 15.16")
Weight		Camera: Approximately 4.7 kg (10.3 lb.) With package: Approximately 7.7 kg (16.8 lb.)

Dimensions



Accessories

