

DS-2CD6924F-I(S)

8 MP H.265+ PanoVu Network Dome Camera Series



- 1/2.8" Progressive Scan CMOS
- 4096 × 1800 @ 30 fps in Panorama Mode
- 4 x (4 mm) Lenses
- 4 x IR LEDs w/66' (20 m) IR Range
- H.265+, H.265, H.264+, H.264
- 3D DNR
- BLC/ROI/HLC
- Audio and Alarm I/O (-S)
- 6 Behavior Analyses, Audio Exception Detection, and Face Detection
- IP67
- DarkFighter

Hikvision's DS-2CD6924F-I(S) PanoVu Outdoor Network Dome Camera Series offers a full 180-degree view stitched together from four 2 MP cameras. Features include four 4 mm lenses with 1/2.8" progressive scan CMOS sensors for a total of 4096 x 1800 resolution at 30 fps. H.265+ ensures high video compression to save bandwidth and storage costs. Four IR LEDs provide a 66 feet (20 meters) range.

Hikvision's DarkFighter Series of ultra-low light Smart cameras are able to capture high quality color images in dim light environments.

Available Models:

DS-2CD6924F-I

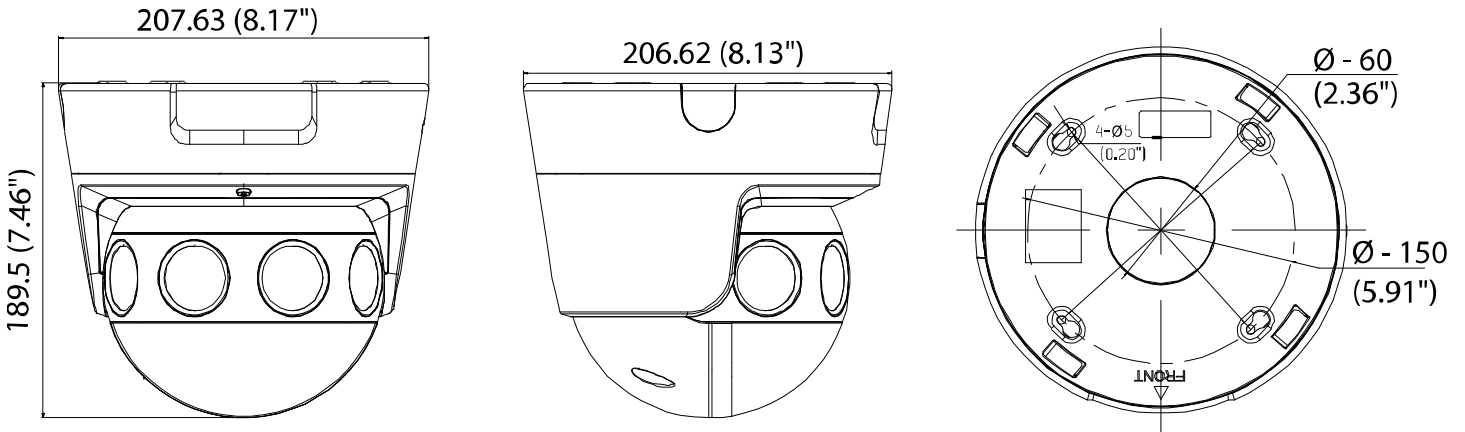
DS-2CD6924F-IS: Audio I/O, alarm I/O



Specifications

DS-2CD6924F-I(S)	
Camera	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	Color: 0.002 lux @ (f/1.2, AGC on), 0.007 lux @ (f/1.8, AGC on), B/W: 0.0008 lux @ (f/1.2, AGC on), 0.002 lux @ (f/1.8, AGC on), 0 lux with IR
Shutter Speed	1/25 s to 1/100,000 s
Day/Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	Digital WDR
2-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 90°
Lens	
Focal Length	4 × 4 mm lens
Aperture	f/1.8
Focus	No
FOV	Horizontal field of view: 180° Vertical field of view: 86.7°
Lens Mount	M12
IR	
IR Range	4 × IR LEDs, up to 66 ft (20 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
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream and sub-stream support
H.265 Type	Main Profile
H.265+	Main stream and sub-stream support
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC
Audio Bit Rate	64 Kbps [G.711]/16 Kbps [G.722.1]/16 Kbps [G.726]/32–192 Kbps [MP2L2]
Smart Features	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage detection, object removal detection
Exception Detection	Audio exception
Face Detection	Yes
Region of Interest	Supports 4 fixed regions for main stream and sub-stream
Image	
Maximum Resolution	4096 × 1800
Main Stream	30 fps (4096 × 1800, 4096 × 1440, 4096 × 1080)
Sub Stream	30 fps (704 × 320)
Image Enhancement	BLC/3D DNR/HLC
Image Setting	Saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or Web browser
Day/Night Switch	Auto/Schedule/Triggered by Alarm In (-S model)
Picture Overlay	128 × 128 24-bit BMP, area optional
Network	
Network Storage	Supports microSD/SDHC/SDXC card (128 GB), local storage, and NAS (NFS, SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error, alarm input, alarm output
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1x, QoS, IPv6, UDP, Bonjour
General Function	One-key reset, anti-flicker, heartbeat, mirror, 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 31.0–44, Firefox 30.0–51, Safari 8.0+
Interface	
Audio I/O (-S)	1 input (line in/mic in, 3.5 mm), 1 output (3.5 mm)
Communication Interface	1 RJ-45 10M/100M self-adaptive Ethernet port, RS-485
Alarm (-S)	2 Inputs, 2 outputs (maximum 24 VDC, 1 A/110 VAC, 500 mA)
On-Board Storage	MicroSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	Maximum 48 kHz
General	
NVR Compatibility	Fully compatible with Hikvision I Series NVRs
Operating Conditions	-40° to +140° F (-40° to +60° C), humidity 95% or less (non-condensing)
Power Supply	12 VDC ±20%, PoE: 802.3at, class 4
Power Consumption and Current	12 VDC, 1.5 A, maximum 18 W PoE (802.3at) maximum 25 W
Protection Level	IP67; TVS 2000V lightning protection, surge protection, and voltage transient protection
Dimensions	7.5" × 8.2" × 8.2" (190 mm × 207 mm × 208 mm)
Weight	7.7 lb (3500 g)

Dimensions



Accessories

Not Included						
WMP-L Wall Mount Long	WMP-PV Wall Mount	JBPW-L Wall Mount	CPM-S Pendant Mount Short	PMP Vertical Pole Mount	CMP Corner Mount	RPM Roof Parapet Mount

Not Included				Included
WMP-S Wall Mount Short	CMP-JB Corner Mount for Use with JBPW-L	CPM-L Pendant Mount Long	CPMPE Pole Extension	Pendant Cap

Box Contents (Subject to Change without Notice)

BNC Connector
 Camera Top
 Machine Screws
 Mounting Posts
 PoE Injector
 Power Cord
 Power Filter

Power Pigtail with Screw Terminals
 Quick Start Guide
 Screws
 Steel Washer
 Watertight Cable Connector
 Watertight Tape
 Wrench