DS-2CD6924F-I(S)(/NFC)[6mm]
8 MP PanoVu Series Panoramic Dome Camera

DARKFIGHTER

SD 3D DNR H.265 IP67 smart HD

Key Features

- 1/2.8" Progressive scan CMOS
- 7008 × 1080@30fps in panorama mode
- 4 × 6 mm lens
- 4 × IR LEDs, up to 20 m IR distance
- H.265, H.265+
- IP67
- 3D DNR
- BLC/ROI/HLC
- Audio and alarm I/O (-S)
- 6 behavior analyses, audio exception detection and face detection

Specifications

Camera		
Image Sensor	1/2.8" Progressive Scan CMOS	
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0.007Lux @ (F1.8, AGC ON), B/W: 0.0008Lux @(F1.2, AGC ON), 0.002Lux @(F1.8, AGC ON), 0 Lux with IR	
Shutter Speed	1/25 s to 1/100,000 s	
Slow Shutter	No	
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 × 6 mm lens	
Aperture	F2.0	
Focus	No	
FOV	Horizontal field of view: 180° Vertical field of view: 30.3°	
Lens Mount	M12	
IR		
IR Range	4 × IR LEDs, up to 20 m	
Wavelength	850nm	
Compression Standard		
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/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 (-S)	G.711/G.722.1/G.726/MP2L2/PCM/AAC	
Audio Bit Rate (-S)	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)	
Smart Feature-set		
Behavior Analysis	Line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage detection, object removal detection	
Exception Detection (-S)	Audio exception	
Face Detection	Yes	
Region of Interest	Support 4 fixed regions for main stream and sub-stream	
Image		
Max. Resolution	Panorama mode	7008 × 1080
	Original mode	2160 × 3840
Main Stream	Panorama mode	50Hz: 25fps (7008 × 1080, 3504 × 540) 60Hz: 30fps (7008 × 1080, 3504 × 540)
	Original mode	50Hz: 25fps (2160 × 3840, 1080 × 1920) 60Hz: 30fps (2160 × 3840, 1080 × 1920)

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Sub Stream	Panorama mode	50HZ: 25fps (1752 × 272, 876 × 136) 60HZ: 30fps (1752 × 272, 876 × 136)
	Original mode	50HZ: 25fps (480 × 768, 320 × 512) 60HZ: 30fps (480 × 768, 320 × 512)
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 (with –S model)	
Picture Overlay	128 × 128 24-bit BMP, area optional	
Network		
Network Storage	Support Micro SD/SDHC/SDXC card (128G), 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 View	Up to 20 channels	
User/Host	Up to 32 users 3 levels: Administrator, Operator and User	
Client	iVMS-4200, iVMS-5200	
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 RJ45 10M/100M self-adaptive Ethernet port, RS-485	
Alarm (-S)	1 Inputs, 1 outputs (max. 24 VDC, 1 A/110 VAC, 500 mA)	
Video Output	/NFC: 1 1000M FC fiber optical interface	
On-board Storage	Micro SD/SDHC/SDXC slot, up to 128 GB	
Reset Button	Yes	
Audio (-S)		
Environment Noise Filtering	Yes	
Audio Sampling Rate	Max. 48 kHz	
Fiber Optical		
Interface Type	FC interface	
Optical Type	Single mode, single fiber	
Input/output Wavelength	Tx1310nm/1.25G, Rx1550nm/1.25G	
Transmission Distance	20 km	
General		
Operating Conditions	-40 °C to +60 °C (-40 °F to +140 °F), Humidity 95% or less (non-condensing)	
Power Supply	12 VDC ± 20%, three-core terminal block, PoE: 802.3at, class 4	
Power Consumption and Current	12 VDC, 1.5A, max. 18W PoE (802.3at, 42.5V to 57V), 0.6A to 0.4A, max. 25W	
Protection Level	IP67 TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection	
Dimensions	190 × 207 × 208 mm (7.5" × 8.2" × 8.2")	
Weight	3500 g (7.7 lb.)	

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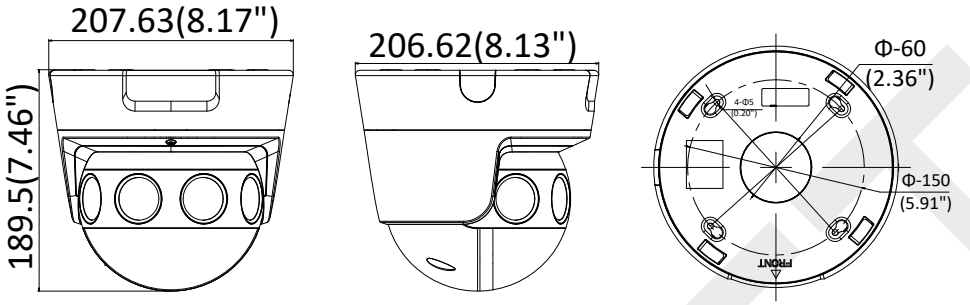
Available Models:

DS-2CD6924F-I [6mm]

DS-2CD6924F-IS [6mm]

DS-2CD6924F-IS/NFC [6mm]

Dimensions



Unit: mm

Accessories

DS-1602ZJ
Wall Mount

DS-1661ZJ
Pendant Mount

DS-1662ZJ
Pendant Mount

Cap (Included)

Distributed by

HIKVISION

Headquarters
No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Europe
T +31-23-55-42-770
info.eu@hikvision.com

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Poland
T +48-22-460-01-50
poland@hikvision.com

Hikvision UK
T +01628-902140
support.uk@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Korea
T +82-31-731-8841
sales.korea@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Africa
T +27 (10) 0351172
sale.africa@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

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