HIKVISION®

DS-2CD6986F-H
8 MP Multi-Imager Panoramic Dome Camera

DarkFighter™

- **Panoramic Camera**

- **Up to 8 MP Resolution (4 x 2 MP Sensors)**

- **1/1.8" Progressive Scan CMOS**

- **4 x 5 mm Fixed Lenses**

- **180° Horizontal View (Stitched Image)**

- **Ultra-Low Light, Slow Shutter**

- **1 Edge Storage MicroSD Slot, 128 GB**

- **24 VAC/PoE+ (802.3at)**

- **Audio/Alarm I/O**

- **IP66 and IK10 Protection**

- **Heater and Fan**

The Hikvision DS-2CD6986F-H 8 MP Multi-Imager Panoramic Dome Camera offers a full 180 degree view, stitched together from its four 2 MP cameras.

Four 5 mm lenses provide an ultra-wide image to address the most demanding situations. A maximum resolution of 4096 x 1800 means high detail at up to 30 frames per second (fps). A built-in microSD/SDHC/SDXC slot that supports up to 128 GB provides on-board storage.

The DarkFighter Series ultra-low light Smart cameras are able to capture high quality color images in dim light environments. DS-2CD9686F-H offers full HD resolution with PoE, defog, and 3D DNR to meet a wide variety of applications.

IK10 and IP66 certifications protect the camera from impact and inclement weather.

Available Models: DS-2CD6986F-H

DS-2CD6986F-H	
Camera	
Image Sensor	1/ 1.8" progressive scan CMOS
Minimum Illumination	Color: 0.002 lux @ ƒ/1.4 AGC on; B/W: 0 lux with IR
Shutter Speed	1/25s to 1/100,000s
Slow Shutter	Yes
Lens	5 mm x 4, pan: 180°, tilt 78.4°
Angle Adjustment	Pan: 0° to ~360°, tilt: 45° to ~90°
Lens Mount	CS
Day/Night	IR cut filter with auto switch/schedule/triggered by alarm
WDR	Digital
Compression Standards	
Video Compression	H.264/MJPEG
H.264 Type	Baseline/Main/High Profile
Video Bit Rate	32 Kbps to 16 Mbps
Dual Streams	Yes
Audio Compression	G.711 (64 Kbps)/G.722.1 (16 Kbps)/G.726 (16 Kbps)/MP2L2 (32 to 192 Kbps)/AAC/PCM (16 to 64 Kbps)
Image	
Maximum Resolution	4096 x 1800
Frame Rate	Mode 1: Main Stream: 30 fps (4096 x 1800, 3840 x 1680) Sub Stream: 30 fps (704 x 320)
	Mode 2: Main Stream: 24 fps (2400 x 3840), 30 fps (1200 x 1920) Sub Steam: 30 fps (480 x 768, 320 x 512)
Image Settings	Saturation, brightness, contrast, sharpness adjustable by client software or Web browser
Back Light Compensation	Yes, zone configured
Region of Interest (ROI)	Yes, 4 regions
Digital Noise Reduction	3D DNR
Defog	Yes
Network	
Network Storage	NAS (supports NFS, SMB/CIFS), ANR
Alarm Triggers	Motion detection, tamper alarm, network disconnect, IP address conflict, storage exception
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
Security	Three level user authentication, password authorization, HTTPS and SSH certificate, IEEE802.1X, basic and digest authentication, watermark, IP address filtering, log-in lockout
Standards	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
Interface	
Communication	1 RJ-45 10M/100M Ethernet port, RS-485 interface
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Alarm	1x I/O (up to 24 VDC 1A or 110 VAC 500 mA)
Audio	1 x 3.5 mm jack, audio in (mic in/line in)/out interface
General	
Operating Conditions	-30° C to 60° C (-22° F to 140° F), humidity 95% or less (non-condensing)
Power Supply	24 VAC ±10%, PoE+ (802.3at) UL/cUL Listed
Power Consumption	Maximum 22 W
Protection Level	IEC60068-275Eh, 20J; EN50102, up to IK10, IP66
Dimensions	Φ7.68" × 6.26" (Φ195 mm × 159 mm)
Weight	2850 g (6.28 lbs)

Accessories

WML	PC210	CM	PM	Conduit Base
Long Wall Mount w/Back Box	Pendant Cap	Corner Mount	Pole Mount	Included with Camera

Dimensions