

## DS-2CD2685FWD-IZS

8 MP WDR Varifocal Outdoor Network Bullet Camera



### H.265+

- 1/2.5" Progressive Scan CMOS
- 3840 x 2160 @ 20 fps
- H.265+, H.265, H.264+, H.264
- 120 dB WDR
- BLC/3D DNR/ROI
- 12 VDC and PoE (802.3af)
- EXIR 2.0, up to 165 ft (50 m) IR Range
- MicroSD Card Slot Supports 128 GB
- IP67, IK10 Protection

Hikvision's DS-2CD2685FWD-IZS provides important new technology for any security application. The H.265+ codec assures savings in bandwidth and storage. High quality and high resolution images are assured with the 8 MP (3840 x 2160) image sensor. EXIR 2.0 technology enhances night performance.

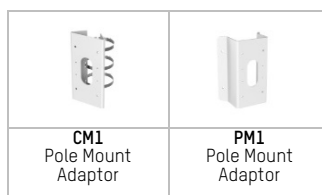
**Available models:**  
DS-2CD2685FWD-IZS



# Specifications

<b>DS-2CD2685FWD-IZS</b>	
<b>Camera</b>	
Image Sensor	1/2.5" progressive scan CMOS
Minimum Illumination	Color: 0.01 lux @ (f/1.2, AGC on), 0 lux with IR; color: 0.014 lux @ (f/1.4, AGC on), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Supported
Day/Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	120 dB
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
<b>Lens</b>	
Focal Length	2.8 mm to 12 mm (motorized)
Aperture	f/1.4
FOV	Horizontal field of view: 115° to 35°; vertical field of view: 60° to 19°; diagonal field of view: 146° to 38.5°
Lens Mount	Ø14
<b>IR</b>	
IR Range	Up to 165 ft (50 m)
Wavelength	850 nm
<b>Compression Standard</b>	
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	Main profile/high profile
H.265 Type	Main profile
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)
<b>Smart Features</b>	
Behavior Analysis	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection
Face Detection	Supported
Region of Interest	Supports one fixed region for main stream and sub stream
<b>Image</b>	
Maximum Resolution	3840 × 2160
Main Stream	20 fps (3840 × 2160), 30 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	30 fps (640 × 360, 352 × 240)
Third Stream	30 fps (1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or Web browser
Day/Night Switch	Auto/schedule/triggered by alarm in
<b>Network</b>	
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, Bonjour
General Function	One-key reset, anti-flicker, three streams, heartbeat, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users; 3 levels: administrator, operator, and user
Client	iVMS-4200, Hik-Connect
Web Browser	IE 8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
<b>Interface</b>	
Audio	1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound
Communication Interface	1 RJ-45 10M/100M self-adaptive Ethernet port
Alarm	1 input, 1 output (maximum 12 VDC, 30 mA)
Video Output	1V p-p composite output (75 Ω/BNC)
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
SVC	Supports H.264 and H.265 encoding
Reset Button	Supported
<b>Audio</b>	
Environment Noise Filtering	Supported
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
<b>General</b>	
Operating Conditions	-22° to 140° F [-30° to 60° C]
Power Supply	12 VDC ±25%, PoE (802.3af); terminal block for DC input
Power Consumption and Current	12 VDC, 1.5 A, maximum 17 W, PoE (802.3at, 42.5 to 57 V), 0.5 to 0.1 A, maximum 19 W
Protection Level	IP67, IK10, TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal
Dimensions	Ø5.67" × 13.10" (Ø144.13 mm × 332.73 mm)
Weight	Camera: 4.17 lbs (1.89 kg)

# Accessories



# Dimensions

