

## DS-2CD2725FHWD-IZS

### 2 MP Outdoor EXIR Varifocal Network Dome Camera

Powered by  
**DarkFighter.**



- 1/2.8" (2 MP) Progressive Scan CMOS
- Full 1080p Resolution @ 60 fps
- Minimum Illumination:  
Color: 0.0068 Lux @ (f/1.4, AGC on)  
0 Lux with IR
- DarkFighter Technology
- Up to 100 ft (30 m) EXIR 2.0 Range
- 2.8 mm to 12 mm Varifocal Lens
- H.265+, H.265, H.264+, H.264
- 120 dB True WDR
- MicroSD Card Slot Supports 128 GB
- IP66, IK10 Protection
- 12 VDC and PoE (802.3af)

The Hikvision DS-2CD2725FHWD-IZS 2 MP Outdoor EXIR Varifocal Network Dome Camera provides high definition output. It supports H.265+ video compression, which assures savings in bandwidth and storage.

The camera is equipped with a 2.8 mm to 12 mm varifocal lens and offers an EXIR 2.0 range of up to 100 ft (30 m).

Smart features such as line crossing, intrusion, unattended luggage, and scene change detection are also supported.

#### Available models:

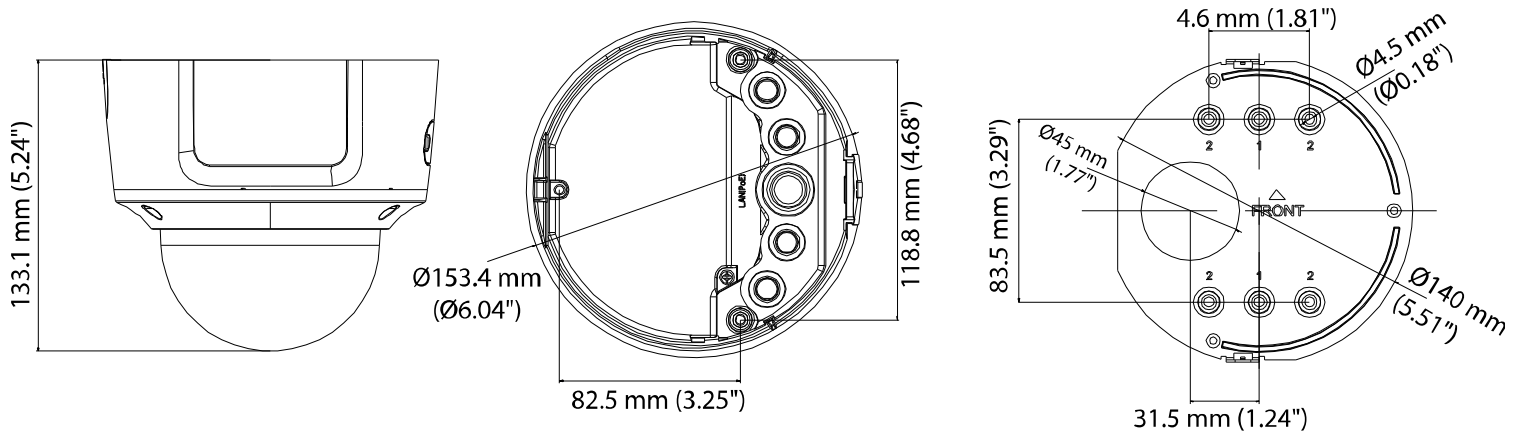
DS-2CD2725FHWD-IZS



# Specifications







DS-2CD2725FHWD-IZS	
<b>Camera</b>	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	Color: 0.0068 lux @ (f/1.4, AGC on), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day/Night	IR cut filter
DNR	3D DNR
Wide Dynamic Range	120 dB
3-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
<b>Lens</b>	
Focal Length	2.8 mm to 12 mm motorized varifocal lens
Aperture	f/1.4
Focus	Auto
FOV	Horizontal field of view: 105° to 35°, vertical field of view: 56° to 20°, diagonal field of view: 126° to 40.5°
Lens Mount	Ø14
<b>IR</b>	
IR Range	Up to 100 ft (30 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.265/H.264+/H.264/MJPEG; third stream: H.265+/H.265/H.264+/H.264
H.264 Type	Main profile/high profile
H.264+	Main stream supported
H.265 Type	Main profile
H.265+	Main stream supported
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G722.1/G711/G726/MP2L2/PCM/MP3
Audio Bit Rate	64 kbps (G.711)/16 kbps (G.722.1)/16 kbps (G.726)/32 to 192 kbps (MP2L2)/8 Kbps–320 Kbps (MP3)
<b>Image</b>	
Maximum Resolution	1920 × 1080
Main Stream	60 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	30 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	30 fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR/HLC
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance adjustable by client software or Web browser
Day/Night Switch	Day/night/auto/schedule/triggered by alarm in
<b>Network</b>	
Network Storage	MicroSD/SDHC/SDXC card (128 GB), local storage, NAS (NFS, SMB/CIFS), and ANR
Alarm Trigger	Motion detection, tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1x, QoS, IPv6
General Functions	One-key reset, anti-flicker, heartbeat, mirror, password reset via e-mail, pixel counter, HTTP listening, privacy mask, watermark, IP address filter
Security	Password protection, complicated password, HTTPS encryption, 802.1x authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users. Three levels: administrator, operator, and user
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE 8+, Plug-in free live view: Chrome 57.0+, Firefox 52+, Safari 11+, Local service: Chrome 41.0+, Firefox 30.0+
<b>Interface</b>	
Audio	1 input (line in, 3.5 mm), 1 output (3.5 mm), single track
Communication Interface	1-port RJ-45 10M/100M self-adaptive Ethernet port
Alarm	1 input, 1 output (maximum 12 VDC, 30 mA), terminal block
Video Output	1 Vp-p composite output (75 Ω/BNC) (for adjustment only)
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 and H.265 encoding
Reset Button	Yes
<b>Audio</b>	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
<b>Smart Features</b>	
Behavior Analysis	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection
Exception Detection	Scene change detection
Face Detection	Yes
Region of Interest	Supports one respective region for main and sub streams
<b>General</b>	
Operating Conditions	-22° to 140° F (-30° to 60° C), humidity 95% or less (non-condensing)
Power Supply	12 VDC ±25%, PoE (802.3af, class 3), terminal block for DC input
Power Consumption and Current	12 VDC, 0.75 A, maximum 9.5 W, PoE (802.3af, 36 V to 57 V), 0.3 A to 0.1 A, maximum 11 W
Protection Level	IP66, IK10
Material	Metal
Dimensions	Ø6.04" × 5.24" (Ø153.4 mm × 133.2 mm)
Weight	2.84 lbs (1.29 kg)

## Dimensions



Units: inches (mm)

## Accessories

NOT INCLUDED					
					
<b>WML</b> Wall Mount Long	<b>PC155</b> 155 mm Pendant Cap	<b>CPM</b> Ceiling Pendant Mount	<b>CM</b> Corner Mount	<b>PM</b> Pole Mount	<b>RCM-5</b> Recessed Ceiling Mount

## Box Contents (Subject to Change without Notice)

- $\frac{3}{4}$ " Plastic Conduit Inlet
- CVBS Connector
- Microfiber Cloth
- Mounting Plate (Stainless Steel)
- Plastic Tool
- Quick Start Guide
- Screws