

## DS-2CD2755FWD-IZS 5 MP IR Varifocal Network Dome Camera



- Up to 5 megapixel high resolution
- Max. 2944 × 1656 @ 20 fps
- 120 dB Wide Dynamic Range
- 3D Digital Noise Reduction
- Support on-board storage, up to 128 GB
- IP66, IK10



## ▪ Specification

Camera	
Image Sensor	1/2.9" Progressive Scan CMOS
Max. Resolution	2944 × 1656
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), B/W: 0 Lux with IR Color: 0.014 Lux @(F1.4, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm
Focal Length & FOV	Horizontal FOV: 88° to 27° Vertical FOV: 48° to 16° Diagonal FOV: 104° to 32°
Lens Mount	Ø14
Focus	Auto
Aperture	F1.4
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 30 m
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50 Hz: 25 fps (1280 × 720, 640 × 360, 352 × 288) 60 Hz: 30 fps (1280 × 720, 640 × 360, 352 × 240)
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
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Main Profile/High Profile
H.265 Type	Main Profile
Scalable Video Coding (SVC)	Support H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream separately
Audio	
Audio Compression	G722.1/G.711/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 to 320 Kbps(MP3)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz

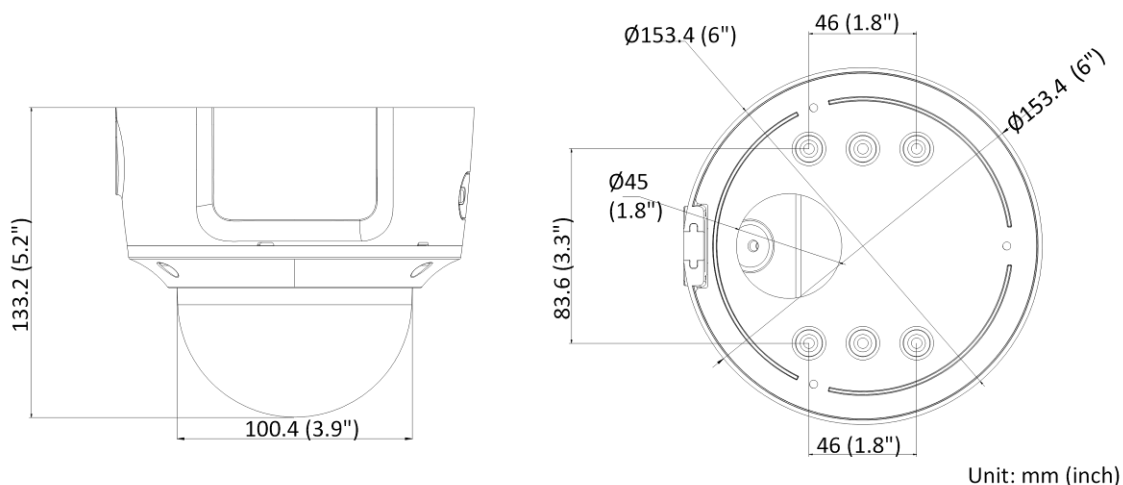
Environment Noise Filtering	Yes
<b>Network</b>	
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
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 Open Network Video Interface, TLS1.2
Network Storage	NAS (NFS, SMB/CIFS), ANR
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+
<b>Image</b>	
Image Settings	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
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC/3D DNR/HLC
<b>Interface</b>	
Video Output	1Vp-p composite output (75 $\Omega$ ) (For adjustment only)
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC, up to 128 GB
Audio	1 input (line in, 3.5 mm), 1 output(3.5 mm), mono sound
Alarm	1 input, 1 output (max. 12 VDC, 30 mA), terminal block
Reset Key	Yes
<b>Event</b>	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Smart Event	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Linkage	Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, alarm output, Email
<b>General</b>	
Power	12 VDC $\pm$ 25%, 0.8 A, max. 10 W PoE: 802.3af, 36 V to 57 V, 0.3 A to 0.1 A, max. 11.5 W Terminal block for DC input
Dimension	$\varnothing$ 153.4 $\times$ 133.2 mm ( $\varnothing$ 6" $\times$ 5.2")
Package Dimension	150 $\times$ 150 $\times$ 141 mm (5.9" $\times$ 5.9" $\times$ 5.6")
Weight	1287 g (2.8 lb.)

Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Language	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
<b>Approval</b>	
Protection	IP66 (IEC 60529-2013) IK10 (IEC 62262: 2002)

## ▪ Available Model






DS-2CD2755FWD-IZS (2.8 to 12 mm)

## ▪ Dimension



## ▪ Accessory

### ▪ Optional

DS-1471ZJ-155 Pendant Mount	DS-1475ZJ-SUS Vertical Pole Mount	DS-1476ZJ-SUS Corner Mount	DS-1473ZJ-155 Wall Mount	DS-1473ZJ-155B Wall Mount
				
<b>DS-1227ZJ-DM37 In-ceiling Mount</b>				



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 Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

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

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

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

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

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

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

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

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

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

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

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

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com