

DS-2CD1731FWD-I(Z) 3 MP IR VF Network Dome Camera



Key Features

- 1/2.7" progressive scan CMOS
- Up to 3 megapixel
- 2.8 mm to 12 mm varifocal lens
- Up to 30 m IR range
- Dual streams
- 3D DNR
- IP67
- Mobile monitoring via Hik-Connect



Specification

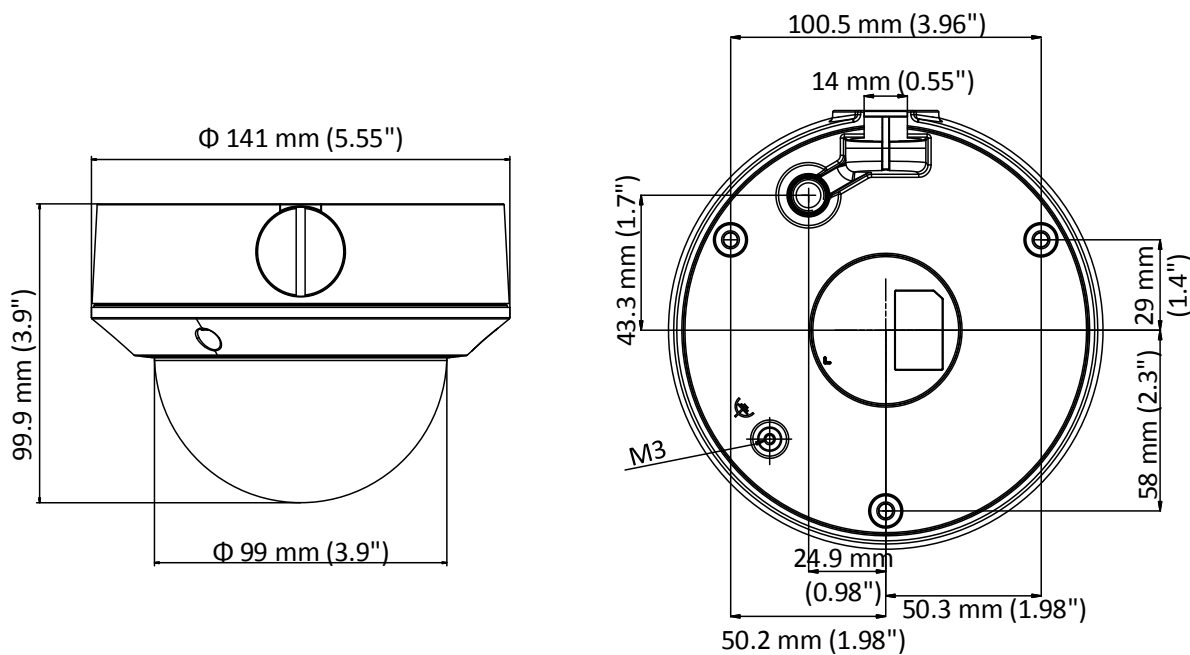
Camera	
Image Sensor	1/2.7" progressive scan CMOS
Min. Illumination	Color: 0.02 Lux @ (F1.2, AGC ON), 0.035Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100, 000 s, support slow shutter
Lens	2.8 mm to 12 mm @F1.6 , horizontal field of view: 83° to 26° vertical field of view: 61° to 16.9° diagonal field of view: 108° to 32.5°
Lens Mount	Φ14
Day &Night	IR cut filter with auto switch
DNR (Digital Noise Reduction)	3D DNR
WDR (Wide Dynamic Range)	Digital WDR
3-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotation: 0° to 355°
Compression Standard	
Video Compression	Main stream: H.264 Sub stream: H.264/MJPEG
H.264 Type	Baseline profile/Main profile
H.264+	Main stream supports
Video Bit Rate	32 Kbps to 8 Mbps
Image	
Max. Resolution	2048 × 1536
Main Stream Max. Frame Rate	50Hz: 20fps (2048 × 1536), 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 20fps (2048 × 1536), 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Image Settings	Rotate mode, brightness, saturation, contrast, sharpness are adjustable via web browser or client software
Day/Night Switch	Day, Night, Auto, Scheduled
Image Enhancement	BLC/3D DNR
Network	
Network Storage	Support micro SD/SDHC/SDXC card (128G), local storage, ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, HDD full, HDD error, PIR, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
Firmware Version	V5.5.5
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, iVMS-5200, iVMS-4500
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Video Output (Without -Z)	1Vp-p composite output (75Ω/BNC)
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Reset	Yes

General	
Operating Conditions	-30 °C to 60°C (-22 °F to 140°F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25% PoE: 802.3af, class 3
Power Consumption	With Z: 12 VDC, 0.8 A, max: 10W PoE: (802.3af, 36V-57V), 0.4 A to 0.2 A, Max: 12W Without Z: 12 VDC, 0.5 A, Max: 6W PoE: (802.3af, 36V-57V), 0.3 A to 0.1 A, Max: 8W
IR Range	Up to 30 m
Material	Front cover & base: metal, bubble: plastic
Dimensions	Φ141 mm × 99.9 mm (5.6" × 3.9")
Weight	816 g (1.8 lb.)

Available Model

DS-2CD1731FWD-I(2.8 to 12 mm), DS-2CD1731FWD-IZ(2.8 to 12 mm)

Dimension



Accessory



DS-1271ZJ-135
Pendant mount



DS-1273ZJ-135
Wall Mount



DS-1273ZJ-135B
Wall Mount



DS-1275ZJ-SUS
Vertical Pole Mount



DS-1276ZJ-SUS
Corner Mount



DS-1227ZJ
In-ceiling Mount
The bracket should be
used together with the
adapter plate
D20-AP(White)



DS-1280ZJ-DM21
Junction Box



DS-1281ZJ-DM23
Inclined Ceiling Mount



DS-1253ZJ-L
Rain shade



DS-1250ZJ
Rain shade



DS-1258ZJ-L
Wall Mount



D20-AP(White)
Adapter Plate

Distributed by



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