

DS-2CD1H43G0-IZ 4 MP IR VF Network Turret Camera



Key Features

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm to 12 mm varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 3D DNR
- Up to 30 m IR range
- IP67



Specification

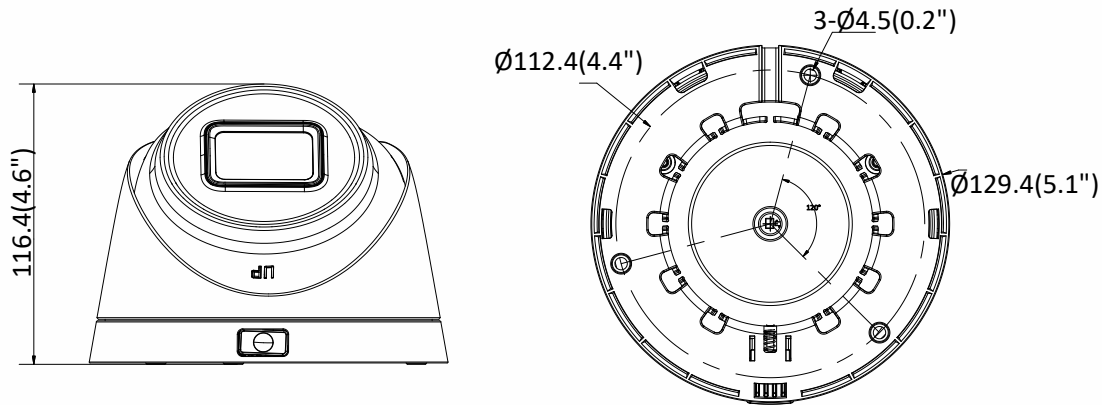
Camera	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.02 Lux @ (F1.6, AGC ON)
Shutter Speed	1/3 s to 1/100, 000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	120 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Focal Length	2.8 mm to 12 mm
Aperture	F1.6
Focus	Auto
FOV	Horizontal FOV 92.8° to 29°, vertical FOV 50.2° to 16.4°, diagonal FOV 109° to 32.3°
Lens Mount	Ø14
IR	
IR Range	Up to 30 m
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 8 Mbps
Smart Feature-set	
Region of Interest	1 fixed region for main stream and sub-stream
Image	
Max. Resolution	2560 × 1440
Main Stream Max. Frame Rate	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC, 3D DNR
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, scheduled, day, night
* Note: The frame rate of the sub-stream cannot exceed the maximum frame rate of the current main stream.	
Network	
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD error, HDD full
Network Storage	Support built-in microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP

	address filter
Firmware Version	5.5.52
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
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
General	
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC $\pm$ 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 1 A, Max: 11 W PoE: (802.3af, 36 V to 57 V), 0.4 A to 0.2 A, Max: 12.5 W
Ingress Protection	IP67
Material	Camera body: metal, bottom base: plastic
Dimensions	Camera: $\varnothing$ 129.4 mm $\times$ 116.4 mm (5.1" $\times$ 4.6") With package: 170 mm $\times$ 170 mm $\times$ 150 mm (6.7" $\times$ 6.7" $\times$ 5.9")
Weight	Camera: 560 g (1.2 lb.) With package: 850g (1.9 lb.)

Available Model

DS-2CD1H43G0-IZ (2.8 to 12 mm)

Dimensions



Accessories



DS-1273ZJ-130-TRL
Wall Mount



DS-1271ZJ-130-TRL
Pendant Mount



DS-1275ZJ
Vertical Pole Mount



DS-1276ZJ
Corner Mount



DS-1280ZJ-M
Junction Box



DS-1281ZJ-M
Inclined Ceiling Mount

Distributed by



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