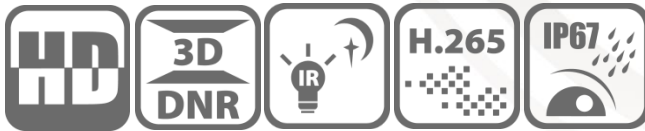


## DS-2CD1H53G0-IZ 5 MP IR Varifocal Network Turret Camera



### Key Features

- 1/2.7" Progressive Scan CMOS
- 2560 × 1920 @15fps
- Color: 0.01 Lux @(F1.2; AGC ON), 0.02 Lux @ (F1.6, AGC ON)
- 2.8 to 12 mm varifocal lens
- H.265+, H.265, H.264+, H.264
- 3D Digital Noise Reduction
- IP67



## Specifications

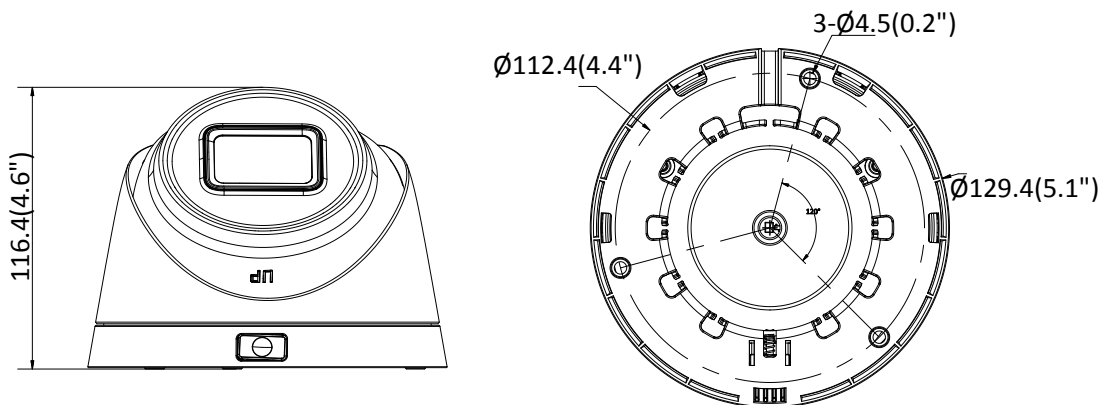
| <b>Camera</b>   |  |
|---|--|
| Image Sensor  | 1/2.7" Progressive Scan CMOS   |
| Min. Illumination   | Color: 0.01 Lux @(F1.2; AGC ON), 0.02 Lux @ (F1.6, AGC ON)   |
| Shutter Speed   | 1/3 s to 1/100,000 s   |
| Slow Shutter  | Yes  |
| Auto-Iris   | No   |
| Day & Night   | IR Cut Filter  |
| Digital Noise Reduction   | 3D DNR   |
| Wide Dynamic Range  | 120 dB   |
| 3-Axis Adjustment   | Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°   |
| <b>Lens</b>   |  |
| Focal Length  | 2.8 to 12 mm   |
| Aperture  | F1.6   |
| Focus   | Auto   |
| FOV   | Horizontal FOV: 98° to 28°, vertical FOV: 71° to 21°, diagonal FOV: 130° to 35°  |
| Lens Mount  | Φ14  |
| <b>IR</b>   |  |
| IR Range  | Up to 30 m   |
| Wavelength  | 850nm  |
| <b>Compression Standard</b>   |  |
| Video Compression   | Main stream: H.265/H.264<br>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 8Mbps   |
| <b>Smart Feature-set</b>  |  |
| Region of Interest  | Support 1 fixed region for main stream and sub-stream  |
| <b>Image</b>  |  |
| Max. Resolution   | 2560 × 1920  |
| Main Stream   | 50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720)<br>60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720) |
| Sub Stream  | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)   |
| Image Enhancement   | BLC/3D DNR   |
| Image Settings  | Saturation, brightness, contrast and sharpness are adjustable via client software and 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. |  |
| <b>Network</b>  |  |
| Network Storage   | Support MicroSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR   |
| Alarm Trigger   | Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD error, HDD full   |
| Protocols   | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP,  |

|                               |  |
|-------------------------------|--|
|                               | IGMP, QoS, IPv6, UDP, Bonjour, 802.1x  |
| General Function              | One-key reset, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter  |
| Firmware Version              | V5.5.52  |
| API                           | ONVIF(PROFILE S,PROFILE G), ISAPI  |
| Simultaneous Live View        | Up to 6 channels   |
| User/Host                     | Up to 32 users<br>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+   |
| <b>Interface</b>              |  |
| Communication Interface       | 1 RJ45 10M/100M self-adaptive Ethernet port  |
| On-board storage              | Built-in Micro SD/SDHC/SDXC slot, up to 128G   |
| Video Out                     | No   |
| Reset Button                  | Yes  |
| <b>General</b>                |  |
| Operating Conditions          | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)  |
| Power Supply                  | 12 VDC ± 25%<br>PoE: 802.3af, class 3  |
| Power Consumption and Current | 12 VDC, 0.9 A, max. 11 W<br>PoE (802.3af, 36 to 57 V), 0.4 A to 0.3 A, max. 12.5 W   |
| Protection Level              | IP67   |
| Material                      | Camera body: metal, bottom base: plastic   |
| Dimensions                    | Camera: $\varnothing$ 129.4 mm $\times$ 116.4 mm (5.1" $\times$ 4.6")<br>With package: 170 mm $\times$ 170 mm $\times$ 150 mm (6.7" $\times$ 6.7" $\times$ 5.9") |
| Weight                        | Camera: 450 g (1 lb.)<br>With package: 850g (1.9 lb.)  |

## Available Models:

DS-2CD1H53G0-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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