

DS-2CD2935FWD-IS 3 MP Network Fisheye Camera

H.265+

- Up to 3 MP High Resolution
- Full 2048 × 1536 @30 fps
- H.265+, H.265, H.264+, H.264
- 14 Display Modes Supported
- Field of View: Horizontal 180°, Vertical 180°
- 120 dB Wide Dynamic Range
- 3D Digital Noise Reduction
- 12 VDC & PoE (802.3af)
- EXIR 2.0 with up to 30 ft (8 m) IR range
- MicroSD card slot supports up to 128 GB
- Audio and Alarm Inputs and Outputs



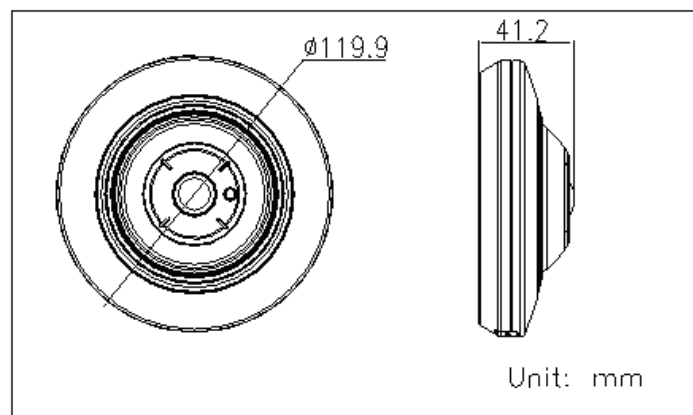
The Hikvision DS-2CD2935FWD-IS offers a full 180-degree horizontal or vertical view in a compact package. Ceiling mounting or wall mounting for flexible installation options. The 30 ft (8 m) IR range provides well lit images in low light conditions.

Video analysis includes intrusion detection and line crossing detection.

Available Models: DS-2CD2935FWD-IS



Dimensions



| DS-2CD2935FWD-IS | |
|------------------------------|---|
| Camera | |
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Minimum Illumination | Color: 0.016 Lux @ (F2.2, AGC ON), 0 Lux with IR on |
| Shutter Speed | 1/3 s to 1/100,000 s, support slow shutter |
| Lens | 1.16 mm @ F2.2, horizontal field of view: 180°, vertical field of view: 180° |
| Lens Mount | M12 |
| Day/Night | IR cut filter with auto switch |
| DNR | 3D DNR |
| Wide Dynamic Range | 120 dB |
| Compression Standard | |
| 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+ | Support |
| H.265 Type | Main Profile |
| H.265+ | Support |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| Audio Compression | G.711 / G.722.1 / G.726 / MP2L2 |
| Audio Bit Rate | 64 Kbps(G.711) / 16 Kbps(G.722.1) / 16 Kbps(G.726) / 32-128 Kbps(MP2L2) |
| Image | |
| Max. Image Resolution | 2048 x 1536 |
| Main Stream, Max. Frame Rate | 30 fps (2048 x 1536, 1600 x 1200, 1280 x 960) |
| Sub Stream, Max. Frame Rate | 30 fps (352 x 240, 704 x 576) |
| Image Settings | Saturation, brightness, contrast, and sharpness are adjustable via client software or web browser |
| Image Enhancement | WDR / 3D DNR / Backlight Compensation / Defog |
| Day/Night Switch | Auto / Schedule / Triggered by Alarm In |
| Region of Interest | 1 fixed region for each stream supported |
| Lens Distortion Correction | Supported |
| Target Cropping | Supported |
| Live View Display | |
| Mount Type | Support table, wall, and ceiling |
| Display Mode | Support 14 display modes in total (including display modes of different mount types): Fisheye View, 180 Panorama View, 4PTZ, Fisheye + 3PTZ, 360 Panorama View, 360 Panorama + PTZ, 360 Panorama + 3PTZ, 360 Panorama + 6PTZ, 360 Panorama + 8PTZ, 2PTZ, Fisheye + 8PTZ, Panorama View, Panorama + 3PTZ, Panorama + 8PTZ |
| Audio | |
| Environment Noise Filtering | Supported |
| Audio I/O | Supported |
| Sampling Rate | Maximum 48 kHz |
| Network | |
| Network Storage | NAS (supports NFS, SMB/CIFS) |
| Alarm Trigger | Video tampering alarm, HDD full, HDD error, network disconnected, IP address conflicted, illegal login |
| Detection | Motion detection, dynamic analysis, intrusion detection, line crossing detection |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour user authentication, watermark, IP address filtering, anonymous access |
| Standards | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI |
| General Function | One-key reset, anti-flicker, password protection, privacy mask, IP Address filtering, heartbeat, watermark |
| Interface | |
| Communication Interface | 1 RJ-45 10M/100M Ethernet port |
| Audio | 1 audio input (line in), 1 audio output interface |
| Alarm | 1 alarm input, 1 alarm output (24 VDC, 1 A or 110 VAC, 500 mA, maximum) |
| Onboard Storage | Built-in microSD/SDHC/SDXC slot, up to 128 GB |
| General | |
| Operating Conditions | -14° F to 104° F (-10° C to 40° C), humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, 2 A, 4.8 W, PoE(802.3af 36 to 57 V, class 3), 0.4 to 0.7 A, 6.4 W |
| IR Range | Up to 30 ft (8 m) |
| Dimensions | Ø 4.72" x 1.62" (Ø 119.9 x 41.2 mm) |
| Weight | 1.32 lbs (600 g) |

Accessories

