DS-2CD6362F-I (V) (S) is a fisheye network camera capable of providing a 360 degree panoramic image of its surveillance scene. The progressive scan CMOS sensor provides high-resolution images of up to 3072 × 2048. Up to 15 live view display modes, specifically designed for 3 mount types and 2 decoding modes, meet the major needs from customers of different preference. IR range of 15 meters provides good visibility in low or even zero-light environment.

- 1/1.8” Progressive Scan CMOS
- Max. 3072 × 2048 @25fps
- Up to 15 live view display modes
- Digital WDR
- Up to 15m IR range
- Built-in microphone and speaker
- 2 behavior analyses, 1 statistic
- With – V model: IK10 for camera housing, IP66
Function Description

Smart
- 2 behavior analyses, line crossing detection and intrusion detection
- 1 statistic, heat map
- Smart recording: Support edge recording and dual-VCA
- Smart encoding: Support low bit rate, low latency, ROI enhance encoding

Image
- Max. 3072 × 2048 @25fps
- Support live view image decoded by hardware and software
- Support up to 15 display modes in total
- Streaming smoothness setting for different requirements of image quality and fluency
- Support H.264+/H.264/MJPEG video compression, multi-level video quality configuration; support Baseline Profile/Main Profile/High Profile H.264 encoding complexity
- Multiple OSD color: Black & white self-adaptive; Custom
- Digital WDR is supportable for backlight environment
- Support BLC

System
- Support ONVIF (profile S/profile G), CGI, PSIA, ISAPI protocol
- Support dual streams, and support 20 channels live view at the same time
- Lightening protection, surge protection, voltage transient protection, anti-static protection

Interface
- Support standard 128G microSD/SDHC/SDXC card storage
- Support 10M/100M/1000M Ethernet port. Support RS-485 (with – S model)
- Support Audio I/O, support stereo audio (with – S model)
- Support Alarm I/O (with – S model)

Security
- Support three-level user authentication management, user and password authorization, and IP address filtering
- Support security certificate as HTTPS
- Lock user IP after certain times failed login attempts
### Specifications

<table>
<thead>
<tr>
<th><strong>Camera</strong></th>
<th></th>
</tr>
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<tbody>
<tr>
<td><strong>Image Sensor</strong></td>
<td>1/1.8” Progressive Scan CMOS</td>
</tr>
<tr>
<td><strong>Min. Illumination</strong></td>
<td>0.05 Lux @ (F1.2, AGC ON), 0.25 Lux @ (F2.6, AGC ON), 0 Lux with IR</td>
</tr>
<tr>
<td><strong>Shutter Speed</strong></td>
<td>1/3 s – 1/100,000 s</td>
</tr>
<tr>
<td><strong>Slow Shutter</strong></td>
<td>Support</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
<td>1.27 mm, F2.6; horizontal field of view: 180° (wall mount), 360°(ceiling mount), 360°(table mount)</td>
</tr>
<tr>
<td><strong>Lens Mount</strong></td>
<td>M12</td>
</tr>
<tr>
<td><strong>Day &amp; Night</strong></td>
<td>IR Cut Filter</td>
</tr>
<tr>
<td><strong>Digital Noise Reduction</strong></td>
<td>3D DNR</td>
</tr>
<tr>
<td><strong>WDR</strong></td>
<td>Digital WDR</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th><strong>Compression Standard</strong></th>
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<tbody>
<tr>
<td><strong>Video Compression</strong></td>
<td>Main stream: H.264 Sub stream: H.264/MJPEG</td>
</tr>
<tr>
<td><strong>H.264 Type</strong></td>
<td>Baseline Profile/Main Profile/High Profile</td>
</tr>
<tr>
<td><strong>H.264+</strong></td>
<td>Support only when the display mode is Fisheye View</td>
</tr>
<tr>
<td><strong>Video Bit Rate</strong></td>
<td>256 Kbps – 16 Mbps</td>
</tr>
<tr>
<td><strong>Audio Compression (-S)</strong></td>
<td>G.711/G.722.1/G.726/MP2L2/PCM</td>
</tr>
<tr>
<td><strong>Audio Bit Rate</strong></td>
<td>64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Image</strong></th>
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<tbody>
<tr>
<td><strong>Max. Resolution</strong></td>
<td>3072 × 2048</td>
</tr>
<tr>
<td><strong>Main Stream</strong></td>
<td>50Hz: 25fps (3027 × 2048, 2048 × 2048, 1280 × 1280) 60Hz: 24fps (3027 × 2048), 30fps (2048 × 2048, 1280 × 1280)</td>
</tr>
<tr>
<td><strong>Sub Stream</strong></td>
<td>50Hz: 12.5fps (720 × 720, 704 × 576) 60Hz: 15fps (720 × 720, 704 × 480)</td>
</tr>
<tr>
<td><strong>Image Enhancement</strong></td>
<td>BLC/3D DNR</td>
</tr>
<tr>
<td><strong>Image Setting</strong></td>
<td>Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser</td>
</tr>
<tr>
<td><strong>Region of Interest</strong></td>
<td>Support 3 fixed region for each stream</td>
</tr>
<tr>
<td><strong>Day/Night Switch</strong></td>
<td>Auto/Schedule/Triggered by Alarm In</td>
</tr>
<tr>
<td><strong>Picture Overlay</strong></td>
<td>LOGO picture can be overlaid on video with 128 × 128 24bit bmp format</td>
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<tr>
<th><strong>Live View Display</strong></th>
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<tbody>
<tr>
<td><strong>Mount Type</strong></td>
<td>Support table, wall, and ceiling</td>
</tr>
<tr>
<td><strong>Decoding Mode</strong></td>
<td>Support hardware decoding and software decoding</td>
</tr>
<tr>
<td><strong>Display Mode</strong></td>
<td>Support 15 display modes in total (including display modes of different mount types and decoding modes): Fisheye View, 180 Panorama View, 4PTZ, Fisheye + 3PTZ, Fisheye + Panorama + 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</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th><strong>Audio (With –S model)</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Environment Noise Filtering</strong></td>
<td>Support</td>
</tr>
<tr>
<td><strong>Audio I/O</strong></td>
<td>Support</td>
</tr>
<tr>
<td><strong>Audio Sampling Rate</strong></td>
<td>Max. 48 kHz</td>
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<tr>
<th><strong>Smart Feature-set</strong></th>
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<tbody>
<tr>
<td><strong>Intrusion Detection</strong></td>
<td>Cross a pre-defined virtual line, up to 4 pre-defined virtual lines supported</td>
</tr>
<tr>
<td><strong>Line Crossing Detection</strong></td>
<td>Enter and loiter in a pre-defined virtual region, up to 4 pre-defined virtual regions supported</td>
</tr>
<tr>
<td><strong>Heat Map</strong></td>
<td>A graphical representation of density of visit in a configured area.</td>
</tr>
</tbody>
</table>
Network

Network Storage | Support microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR

Alarm Trigger | Motion detection, video tampering alarm, network disconnected, IP address conflicted, illegal login, HDD full, HDD error

Protocols | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour

General Function | One-key reset, anti-flicker, heartbeat, password protection, privacy mask, watermark, IP address filter

Standard | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI

Interface

Communication Interface | 1 RJ45 10M/100M/1000M Ethernet port
With ~S model: 1 RS-485 interface

Audio Input | 1 3.5mm audio interface, Mic in/Line in (with ~S model);
1 built-in microphone by default, -42dB

Audio Output | 1 3.5mm audio output interface (with ~S model);
1 built-in speaker by default, support echo cancellation

Alarm (With ~S model) | 1 input, 1 output (up to DC24V 1A or AC110V 500mA)

On-board storage | Built-in microSD/SDHC/SDXC slot, up to 128 GB

Reset Button | Yes

General

Operating Conditions | Indoor temperature: -10 °C to +50 °C (14 °F – 122 °F)
With ~V model: Outdoor temperature: -30 °C – 60 °C (-22 °F – 140 °F)
Humidity 95% or less (non-condensing)

Power Supply | DC 12 V ± 10%, 0.78A
PoE (802.3af, class 3), 0.33 – 0.21A

Power Consumption | Max. 12W

IR Range | 15 m

Protection Level | With ~V model: IEC60068-2-75Eh, 20J; EN50102, up to IK10 for camera housing
With ~V model: IP66

Dimensions | 164 × 152.8 × 43.8 mm (6.46” × 6.02” × 1.72”)
With ~V model: 164 × 152.8 × 49.5 mm (6.46” × 6.02” × 1.95”)

Weight | 1400 g (3.09 lbs)

Note: for detailed resolution of each display mode, consult the dealer or the technical support.

Order Models:

DS-2CD6362F-I; DS-2CD6362F-IW; DS-2CD6362F-IS; DS-2CD6362F-IVS

*~S: with 1 audio input (Mic in/line in), 1 audio output, 1 RS-485, 1 alarm input and 1 alarm output

*~V: with protection level of IK10 and IP66
Accessories

Unit: mm (inch)

Dimensions

DS-1280ZJ-DM25
Junction Box

DS-1281ZJ-DM25
Inclined Ceiling Mount

DS-1273ZJ-DM25
Wall Mount

DS-1271ZJ-DM25
Pendant Mount

DS-1283ZJ
Wall Mount (3-axis Adjustment)

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