The Hikvision PanoVu DS-2CD6D52G0-IHS Dual-Directional PanoVu Camera features a dual-lens design to capture two separate wide angle views.

Other features include H.265+ video compression, audio I/O, an internal microSD memory card slot (up to 256 GB), and an IR range of up to 33 feet (10 meters).

**Available Models:**
DS-2CD6D52G0-IHS: 2.8 mm, 4 mm, or 6 mm lens

- 1/2.7" Progressive Scan CMOS
- Dual Lens
- Flexible Lens: P: -90° to 90°; T: 0° to 60° (2.8 mm), 0° to 70° (4 mm/6 mm); R: 0° to 355°
- H.265+, H.265, H.264+, H.264
- 2560 x 1920 @ 30 fps
- 120 dB WDR
- Built-in MicroSD/SDHC/SDXC Card Slot, up to 256 GB
- IP67, IK10
### Specifications

#### Camera
- **Image Sensor**: 1/2.7” progressive scan CMOS
- **Minimum Illumination**: Color: 0.009 lux @ (f/1.6, AGC on), B/W: 0.0018 lux @ (f/1.6, AGC on), 0 lux with IR
- **Shutter Speed**: 1s to 1/100,000 s
- **Slow Shutter**: Yes
- **Wide Dynamic Range**: 120 dB
- **Day/Night**: ICR (Infrared Cut Removal) filter
- **Linkage Method**: Upload to FTP/NAS/memory card, notify surveillance center, send email
- **Angle Adjustment**:
  - P: -90 to 90°; T: 0 to 60° (2.8 mm), 0 to 70° (4 mm / 6 mm); R: 0 to 355°

#### Lens
- **Lens Type and FOV**:
  - 2.8 mm @ f/1.6: horizontal FOV 97°, vertical FOV 70°, diagonal FOV 128°
  - 4 mm @ f/1.6: horizontal FOV 79°, vertical FOV 57°, diagonal FOV 104°
  - 6 mm @ f/1.6: horizontal FOV 49°, vertical FOV 35°, diagonal FOV 63°
- **Aperture**: f/1.6

#### Illuminator
- **IR Range**: Up to 33 ft (10 m)
- **Wavelength**: 850 nm
- **Smart Supplement Light**: Yes

#### Video
- **Maximum Resolution**: 2560 × 1920
- **Main Stream**: 30 fps (2560 × 1920, 2048 × 1536)
- **Sub Stream**: 30 fps (640 × 480, 704 × 480)
- **Third Stream**: 30 fps (1920 × 1080, 1280 × 720, 640 × 480, 704 × 480)
- **Video Compression**: H.265+/H.265/H.264+/H.264/MJPEG
- **Video Bit Rate**: 32 Kbps to 16 Mbps
- **Bit Rate Control**: CBR/VBR
- **Stream Type**: Main stream/sub-stream/third stream
- **Scalable Video Coding (SVC)**: H.265 and H.264 supported
- **Region of Interest (ROI)**: 4 fixed regions for each stream

#### Audio
- **Environment Noise Filtering**: Yes
- **Audio Sampling Rate**: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
- **Audio Compression**: G.711/G.722.1/G.726/MP2L2/PCM
- **Audio Bit Rate**: 64 Kbps (G.711 ulaw), 64 Kbps (G.711 alaw), 16 Kbps (G.722.1), 16 Kbps (G.726), 32–160 Kbps (MP2L2), 250 Kbps (PCM)
- **Audio Type**: Stereo

#### Network
- **Simultaneous Live View**: Up to 20 channels
- **Protocols**: TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1x, 0oS, IPv6, UDP, Bonjour, SSL/TLS
- **Smooth Streaming**: Yes
- **User/Host**: Up to 32 users
  - 3 levels: Administrator, Operator and User
- **Security**: Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, control timeout settings, TLS 1.2
- **Network Storage**: NAS [NFS, SMB/CIFS]
- **Client**: iVMS-4200, Hik-Connect
- **Web Browser**: Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+
  - Local service: Chrome 41.0+, Firefox 30.0+

#### Image
- **Day/Night Switch**: Day, Night, Auto, Schedule, Triggered by Alarm In
- **Picture Overlay**: Logo picture can be overlaid on video in 128 × 128 24-bit bmp format
- **Image Enhancement**: BLC, HLC, Defog, EIS, 3D DNR
- **Image Parameters Switch**: Yes
- **Image Settings**: Saturation, brightness, contrast, sharpness, white balance adjustable by client software or Web browser

#### Interface
- **Alarm**: 1 input, 1 output (maximum 36 VDC, 30 mA)
- **Audio**: 2 built-in mics, 1 line in, 1 line out
- **RS-485**: 1 RS-485 interface, half duplex
- **On-Board Storage**: Built-in microSD/SDHC/SDXC slot, up to 256 GB
- **Reset**: Reset via reset button on camera body, Web browser, and client software
- **Communication Interface**: 1 RJ-45 10M/100M self-adaptive Ethernet port
- **Heater**: Yes
### Smart Features

<table>
<thead>
<tr>
<th>Smart Event</th>
<th>No</th>
</tr>
</thead>
</table>

### Intelligent (Traditional Algorithm)

<table>
<thead>
<tr>
<th>Basic Event</th>
<th>Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)</th>
</tr>
</thead>
</table>

### General

<table>
<thead>
<tr>
<th>Online Upgrade</th>
<th>Yes</th>
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</thead>
<tbody>
<tr>
<td>Firmware Version</td>
<td>v5.5.94</td>
</tr>
<tr>
<td>Web Client Language</td>
<td>32 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)</td>
</tr>
<tr>
<td>General Function</td>
<td>Anti-flicker, heartbeat, mirror, privacy masks</td>
</tr>
<tr>
<td>Storage and Operating Conditions</td>
<td>-40° to 140° F (-40° to 60° C), humidity 95% or less (non-condensing)</td>
</tr>
<tr>
<td>Power Supply and Power Consumption and Current</td>
<td>12 VDC, 0.9A, maximum 11 W, PoE: 802.3af, 36 V to 57 VI, 0.3 A to 0.2 A, maximum 11 W</td>
</tr>
<tr>
<td>Power Interface</td>
<td>05.5 mm coaxial power plug</td>
</tr>
<tr>
<td>Camera Dimension</td>
<td>6.5&quot; × 3.3&quot; × 2.7&quot; (164.3 mm × 84.6 mm × 67.4 mm)</td>
</tr>
<tr>
<td>Package Dimension</td>
<td>8.9&quot; × 6.8&quot; × 4.9&quot; (227 mm × 172 mm × 125 mm)</td>
</tr>
<tr>
<td>Camera Weight</td>
<td>1.7 lb (770 g)</td>
</tr>
<tr>
<td>With Package Weight</td>
<td>2.3 lb (1053g)</td>
</tr>
</tbody>
</table>

### Approval

<table>
<thead>
<tr>
<th>Class</th>
<th>Class B</th>
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<tbody>
<tr>
<td>Protection</td>
<td>IP67, IK10</td>
</tr>
<tr>
<td>Environment</td>
<td>CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation [EC] No 1907/2006)</td>
</tr>
</tbody>
</table>

### Dimensions

Unit: mm (inch)