Empowered by deep learning algorithms, Hikvision AcuSense technology brings human or vehicle target classification alarms to front- and back-end devices. The system can greatly reduce false alarms generated by targets other than humans or vehicles, vastly improving alarm efficiency and effectiveness.

- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology
- Anti-IR Reflection
- Excellent low-light performance with DarkFighter technology
- False alarm reduction through human and vehicle target classification based on deep learning
- Clear imaging against strong backlight due to 140 dB WDR technology
- Audio and alarm interface available
- Water and dust resistant (IP67) and vandal-resistant (IK10)
- Anti-Corrosion - NEMA 4X: NEMA 250-2014
### Specification

**Camera**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image Sensor</td>
<td>1/1.8&quot; Progressive Scan CMOS</td>
</tr>
<tr>
<td>Min. Illumination</td>
<td>0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR on</td>
</tr>
<tr>
<td>Shutter Speed</td>
<td>1/3 s to 1/100,000 s</td>
</tr>
<tr>
<td>Slow Shutter</td>
<td>Yes</td>
</tr>
<tr>
<td>P/N</td>
<td>P/N</td>
</tr>
<tr>
<td>Wide Dynamic Range</td>
<td>140 dB</td>
</tr>
<tr>
<td>Day &amp; Night</td>
<td>ICR Cut</td>
</tr>
<tr>
<td>Angle Adjustment</td>
<td>Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°</td>
</tr>
</tbody>
</table>

**Lens**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iris Type</td>
<td>P-Iris</td>
</tr>
<tr>
<td>Lens Mount</td>
<td>Integrated</td>
</tr>
</tbody>
</table>
| Lens Type & FOV     | 2.8 to 12 mm, horizontal FOV 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV 141.1° to 48.1°  
8 to 32 mm, horizontal FOV 42.5° to 15.1°, vertical FOV 23.4° to 8.6°, diagonal FOV 49.6° to 17.3° |
| Aperture            | 2.8 to 12 mm: F1.2 to F2.5  
8 to 32 mm: F1.8 |

**DORI**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
</table>
| DORI    | 2.8 to 12 mm: D: 61.2 m to 151.7 m, O: 24.3 m to 60.2 m, R: 12.2 m to 30.3 m, I: 6.1 m to 15.2 m  
8 to 32 mm: D: 150.3 m to 400 m, O: 59.7 m to 158.7 m, R: 30.1 m to 80 m, I: 15 m to 40 m |

**Illuminator**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
</table>
| IR Range    | 2.8 to 12 mm: up to 40 m  
8 to 32 mm: up to 60 m |
| Wavelength  | 850 nm                                     |
| Smart       | Supplement Light                           |
|             | Yes                                        |

**Video**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Resolution</td>
<td>1920 × 1080</td>
</tr>
</tbody>
</table>
| Main Stream     | 50Hz: 25 fps (1920 × 1080, 1280 × 720)  
60Hz: 30 fps (1920 × 1080, 1280 × 720) |
| Sub-Stream      | 50Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)  
60Hz: 30 fps (640 × 480, 640 × 360, 320 × 240) |
| Third Stream    | 50Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)  
60Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240) |
| Fourth Stream   | 50Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)  
60Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240) *

*Fourth stream is supported under certain settings.*

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video Bit Rate</td>
<td>32 Kbps to 8 Mbps</td>
</tr>
</tbody>
</table>
### Video Compression

- **Main stream:** H.265/H.264/H.264+/H.265+
- **Sub-stream:** H.265/H.264/MJPEG
- **Third stream:** H.265/H.264
- **Fourth stream:** H.265/H.264/MJPEG

#### H.264 Type
- Baseline Profile/Main Profile/High Profile

#### H.265 Type
- Main Profile

#### H.264+
- Main stream supports

#### H.265+
- Main stream supports

#### Bit Rate Control
- CBR/VBR

#### Scalable Video Coding (SVC)
- Yes

#### Region of Interest (ROI)
- 5 fixed regions for main stream and sub-stream

#### e-PTZ
- Support Preset and Patrol settings
*Only the fourth stream supports this function.*

### Audio

#### Environment Noise Filtering
- Yes

#### Audio Sampling Rate
- 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz

#### Audio Compression

#### Audio Bit Rate
- 64Kbps(G.711ulaw/G.711alaw)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8-320Kbps(MP3)

### Network

#### Smooth Streaming
- Yes

#### Simultaneous Live View
- Up to 6 channels

#### API
- Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK

#### Protocols
- TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SFTP, ISUP, ARP, SNMP

#### User/Host
- Up to 32 users. 3 user levels: administrator, operator and user

#### Security
- Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.2, WSSE and digest authentication for Open Network Video Interface, memory card encryption, SFTP encryption, SRTP encryption

#### Network Storage
- MicroSD/SDHC/SDXC card (256 GB) local storage, and NAS(NFS, SMB/CIFS), auto network replenishment (ANR), FTP ANR

#### Client
- iVMS-4200, Hik-Connect, Hik-Central

#### Web Browser
- Plug-in required live view: IE 10, IE 11
  - Plug-in free live view: Chrome 57.0+, Firefox 52.0+
  - Local service: Chrome 57.0+, Firefox 52.0+

### Image

#### Day/Night Switch
- Day, Night, Auto, Schedule

#### Target Cropping
- Yes

#### Image Enhancement
- BLC, HLC, 3D DNR, EIS, Defog

#### Image Parameters Switch
- Yes

#### Image Settings
- Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser

### Interface

#### Alarm
- 2 inputs, 2 outputs (max. 24 VDC, 1 A; 24 VAC, 1 A)
| **Audio** | 1 input (line in), max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium; 1 output (line out), max. output amplitude: 3.3 vpp, output impedance: 100 Ω, interface type: non-equilibrium |
| **Video Output** | 1 Vp-p Composite Output (75Ω/CVBS) |
| **On-board Storage** | Built-in micro SD/SDHC/SDXC slot, up to 256 GB |
| **Hardware Reset** | Yes |
| **Communication Interface** | 1 RJ45 10M/100M self-adaptive Ethernet port |
| **Power Output** | 12 VDC, 100 mA |
| **Heater** | Yes |
| **Event** |  |
| **Basic Event** | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) |
| **Smart Event** | Unattended baggage detection, object removal detection, scene change detection, audio exception detection, video quality diagnosis |
| **Deep Learning Function** |  |
| **Face Capture** | Yes |
| **Perimeter Protection** | Line crossing detection, intrusion detection, region entrance detection, region exiting detection |
| **General** |  |
| **Linkage Method** | Upload to NAS/memory card, notify surveillance center, trigger record, trigger capture, strobe light, audible warning |
| **Web Client Language** | 33 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), Ukrainian |
| **General Function** | Anti-flicker, heartbeat, mirror, privacy masks, flash log, password reset via e-mail, pixel counter |
| **Software Reset** | Yes |
| **Storage Conditions** | -40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing) |
| **Startup and Operating Conditions** | -40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing) |
| **Power Supply** | 12 VDC ± 25% |
| | 24 VAC ± 20% |
| | PoE: 802.3af, Class 3 |
| **Power Consumption and Current** | 12 VDC, 0.9 A, max. 10.8 W |
| | 24 VAC, 0.75 A, 50/60 Hz, max. 10.8 W |
| | PoE: (802.3af, 36 V to 57 V), 0.36 A to 0.23 A, max. 12.9 W |
| **Power Interface** | Two-core terminal block |
| **Camera Dimension** | Ø162 × 140 mm (Ø6.4” × 5.6") |
| **Package Dimension** | 251 × 215 × 189 mm (9.9” × 8.5” × 7.4") |
| **Camera Weight** | Approx. 1420 g (3.1 lb.) |
| **With Package Weight** | Approx. 2058 g (4.5 lb.) |
**Approval**

<table>
<thead>
<tr>
<th>Category</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environment</td>
<td>CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)</td>
</tr>
<tr>
<td>Protection</td>
<td>IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)</td>
</tr>
<tr>
<td>Anti-Corrosion Protection</td>
<td>NEMA 4X: NEMA 250-2014</td>
</tr>
</tbody>
</table>

**Available Model**

DS-2CD3D26G2T-I2HSY (2.8 to 12 mm, 8 to 32 mm)

**Dimension**

![Dimension Diagram](image-url)
<table>
<thead>
<tr>
<th>Accessory</th>
<th>Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS-1476ZJ-Y</td>
<td>Corner Mount</td>
</tr>
<tr>
<td>DS-1475ZJ-Y</td>
<td>Vertical Pole Mount</td>
</tr>
<tr>
<td>DS-1473ZJ-155-Y</td>
<td>Wall Mount</td>
</tr>
<tr>
<td>DS-1471ZJ-155-Y</td>
<td>Pendant Mount</td>
</tr>
</tbody>
</table>

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