

## DS-2CD6425G0/F-C2 2.0 MP Covert Camera



### smart IPC

- 1/2.8" Progressive Scan CMOS
- 1920 × 1080 @ 30fps
- 2/2.8/3.7/4 mm fixed lens
- 120dB WDR
- 3D DNR
- H.265, H.265+, H.264, H.264+
- Audio in
- Alarm I/O
- ROI
- Face capture by deep-learning technology
- 6 behavior analyses, 3 exception detection, and face detection
- Built-in Micro SD / SDHC / SDXC card slot, up to 128GB



## Specifications

| <b>Camera</b>               |  |
|-----------------------------|--|
| Image Sensor                | 1/2.8" Progressive Scan CMOS   |
| Min. Illumination           | Color: 0.001 Lux @ (F1.2, AGC ON), 0.006 Lux @ (F2.5, AGC ON)<br>B/W: 0.0007 Lux@(F1.2, AGC ON), 0.003 Lux@(F2.5, AGC ON)  |
| Shutter Speed               | Channel 1: 1/25 s to 1/100,000 s<br>Channel 2: 1 s to 1/100,000 s  |
| Slow Shutter                | Channel 2: Yes   |
| Auto-Iris                   | No   |
| Day & Night                 | L10, L20, L30: Electronic  |
| Digital Noise Reduction     | 3D DNR   |
| WDR                         | 120 dB   |
| Angle Adjustment            | No   |
| <b>Lens</b>                 |  |
| Focal length                | L10: 3.7 mm<br>L20: 2.8mm, 3.7 mm<br>L30: 2 mm, 2.8 mm, 4 mm   |
| Focus                       | No   |
| FOV                         | L10: 3.7 mm, F 2.5, horizontal FOV 75°, vertical FOV 41.5°, diagonal FOV 87°<br>L20: 2.8 mm/3.7 mm<br>2.8 mm: F 2.5, horizontal FOV 94°, vertical FOV 51.5°, diagonal FOV 109°<br>3.7 mm: F 2.5, horizontal FOV 75°, vertical FOV 41.5°, diagonal FOV 87°<br>L30: 2 mm/2.8 mm/4 mm<br>2 mm: F 2.0, horizontal FOV 132.8°, vertical FOV 77.5°, diagonal FOV 153°<br>2.8 mm: F 1.6, horizontal FOV 110.5°, vertical FOV 60°, diagonal FOV 130°<br>4 mm: F 1.6, horizontal FOV 86°, vertical FOV 45°, diagonal FOV 102° |
| Aperture                    | L10: F2.5<br>L20: F 2.5<br>L30: 2 mm: F 2.0; 2.8/4 mm: F 1.6   |
| Lens Mount                  | M12  |
| <b>Compression Standard</b> |  |
| Video Compression           | Main stream: H.265/H.264<br>Sub-stream: H.265/H.264/MJPEG  |
| H.265 Type                  | Main Profile   |
| H.265+                      | Main stream support  |
| H.264 Type                  | Baseline Profile/Main Profile/High Profile   |
| H.264+                      | Main stream support  |
| Video Bit Rate              | 32 Kbps to 16 Mbps   |
| Audio Compression           | G.711/G.722.1/G.726/MP2L2/PCM/AAC  |
| Audio Bit Rate              | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)  |
| SVC                         | H.264 and H.265 support  |
| <b>Smart Feature-set</b>    |  |
| Behavior Analysis           | Channel 1: Line crossing detection, intrusion detection, region entrance, region exiting, unattended baggage, object removal<br>Channel 2: No  |
| Exception Detection         | Channel 1: Scene change detection, defocus detection, audio exception detection<br>Channel 2: No   |

|                             |   |
|-----------------------------|---|
| Face Detection              | Channel 1: Yes<br>Channel 2: No   |
| Face Capture                | Channel 1: Yes<br>Channel 2: No   |
| Region of Interest          | Channel 1: 4 fixed regions for each stream, and dynamic face tracking<br>Channel 2: No  |
| <b>Image</b>                |   |
| Max. Resolution             | 1920 × 1080   |
| Main Stream                 | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)<br>60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)                                |
| Sub Stream                  | 50Hz: 25fps (704 × 576, 640 × 480)<br>60Hz: 30fps (704 × 480, 640 × 480)  |
| Image Enhancement           | BLC, HLC, 3D DNR, Defog, EIS  |
| Image Setting               | Rotate mode, saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser             |
| Target Cropping             | No  |
| Day/Night Switch            | Day/Night/Auto/Schedule/Triggered by Alarm in   |
| Picture Overlay             | LOGO picture can be overlaid on video with 128 × 128 24bit bmp format   |
| <b>Network</b>              |   |
| Network Storage             | Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR   |
| Alarm Trigger               | Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error                |
| Protocols                   | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour |
| General Function            | One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter                       |
| Firmware Version            | V5.5.42   |
| API                         | ONVIF (PROFILE S, PROFILE G), ISAPI   |
| Simultaneous Live View      | Up to 20 channels   |
| User/Host                   | Up to 32 users<br>3 levels: Administrator, Operator and User  |
| Client                      | iVMS-4200, iVMS-4500, iVMS-5200, Hik-connect  |
| Web Browser                 | IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11  |
| <b>Interface</b>            |   |
| Audio                       | 1 input (line in), 1 output (line out), mono sound  |
| Alarm                       | 2 inputs, 2 outputs (up to 12 VDC 30mA)   |
| Communication Interface     | 1 RJ45 10M/100M Ethernet port, RS485, built-in RS232  |
| Video Output                | No  |
| On-board storage            | Built-in micro SD/SDHC/SDXC slot, up to 128 GB  |
| Reset Button                | Yes   |
| <b>Audio</b>                |   |
| Environment Noise Filtering | Yes   |
| Audio Sampling Rate         | 8kHz/16kHz/32kHz/44.1kHz/48kHz  |
| <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 + PoE, 8-36 VDC, two-core terminal block<br>PoE (802.3at, class 4)   |

|                               |  |
|-------------------------------|--|
| Power Consumption and Current | 12 VDC, 1.3 A, max. 15W, 8-36 VDC, PoE (802.3at, class 4): 42.5 V to 57 V, 0.4 A to 0.3 A, max. 16 W |
| Material                      | Metal  |
| Protection Level              | L30: IP66 (2 mm: No)   |
| Dimensions                    | Main body: 135 × 107.8 × 30.4 mm (5.3" × 4.3" × 1.2")  |
| Weight                        | Main body: approx. 450 g (1 lb.)<br>With Package: 900 g (2 lb.)                                      |

## Available Model

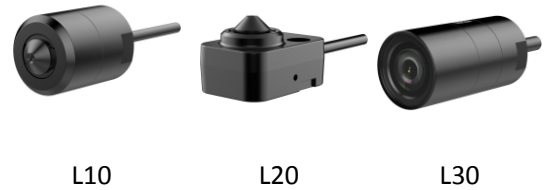
DS-2CD6425G0/F-L10 (3.7 mm) 2 m or 8 m cable optional (lens and cable only)

DS-2CD6425G0/F-L20 (2.8/3.7 mm) 2 m or 8 m cable optional (lens and cable only)

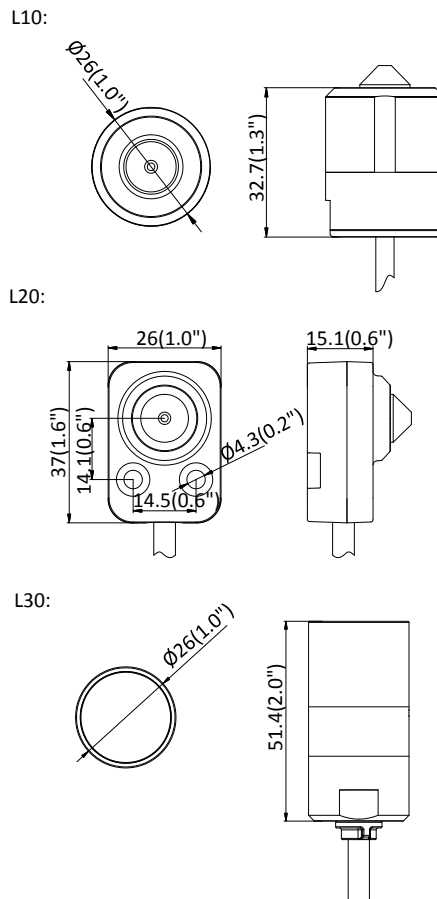
DS-2CD6425G0/F-L30 (2/2.8/4 mm) 2 m or 8 m cable optional (lens and cable only)

DS-2CD6425G0/F-31 (2 mm) 8 m, DS-2CD6425G0/F-31 (2.8 mm) 8 m, DS-2CD6425G0/F-31 (4 mm) 8 m, DS-2CD6425G0/F-11 (3.7 mm) 8 m,

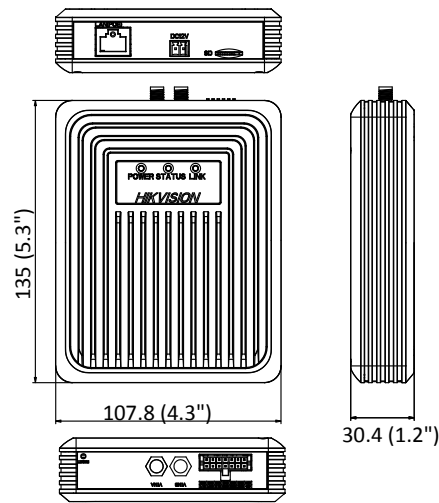
DS-2CD6425G0/F-21 (3.7 mm) 8 m, DS-2CD6425G0/F-21 (2.8 mm) 2 m, DS-2CD6425G0/F-21 (2.8 mm) 8 m



## Dimension



## Main body



Unit: mm(inch)

Distributed by



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