

# DS-2CD1023G0E-I

|                       |                 |
|-----------------------|-----------------|
| Model                 | DS-2CD1023G0E-I |
| Brend                 | Hikvision       |
| Qoruma                | IP67            |
| Növ                   | IP              |
| Meqapixel             | 2 MP            |
| İşıqlandırma məsafəsi | 30 m            |
| Obyektiv              | Sabit           |
| Fokus                 | 2.8mm           |
| İşıqlandırma          | İR              |
| Material              | Metal           |
| İş mühiti             | Outdoor         |



## Specification

|                    |  |
|--------------------|--|
| Camera             |  |
| Image Sensor       | 1/2.7" Progressive Scan CMOS   |
| Min. Illumination  | Color: 0.01 Lux @(F2.0, AGC ON), B/W:0 Lux with IR   |
| Shutter Speed      | 1/3 s to 1/100, 000 s  |
| Slow Shutter       | Yes  |
| Wide Dynamic Range | Digital WDR  |
| Day & Night        | IR cut filter  |
| Angle Adjustment   | Pan: 0° to 360°, tilt:0° to 180°, rotate: 0° to 360°   |
| Lens               |  |
| Focal Length& FOV  | 2.8 mm, horizontal FOV 112.1°, vertical FOV 60.0°, diagonal FOV132.2°<br>4 mm, horizontal FOV 90.2°, vertical FOV 48.6°, diagonal FOV 107.6° |
| Lens Mount         | M12  |
| Focus              | Fixed  |
| Aperture           | F2.0   |
| Illuminator        |  |
| IR Wavelength      | 850 nm   |
| IR Range           | Up to 30 m   |
| Video              |  |
| Max. Resolution    | 1920 × 1080  |
| Main Stream        | 50 Hz: 25 fps (1920 × 1080, 1280 × 720)<br>60 Hz: 30 fps (1920 × 1080, 1280 × 720)   |
| Sub-Stream         | 50 Hz: 25 fps (640 × 480, 640 × 360)<br>60 Hz: 30 fps (640 × 480, 640 × 360)   |
| Video Compression  | Main Stream: H.265/H.264<br>Sub-Stream: H.265/H.264/MJPEG  |

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|--------------------------|--|
| Video Bit Rate           | 32 Kbps to 8 Mbps  |
| H.264 Type               | Baseline Profile/Main Profile/High Profile   |
| H.265 Type               | Main Profile   |
| H.264+                   | Main Stream supports   |
| H.265+                   | Main Stream supports   |
| Region of Interest (ROI) | 1 fixed region for main stream   |
| Network                  |  |
| Protocols                | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS,<br>RTP, RTSP, RTCP, NTP, UPnP™,<br>SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS |
| Simultaneous Live View   | Up to 6 channels   |
| API                      | Open Network Video Interface, ISAPI  |
| User/Host                | Up to 32 users. 3 levels: administrator, operator and user   |
| Client                   | iVMS-4200, Hik-Connect   |
| Web Browser              | Plug-in required liveview: IE 10+<br>Plug-in free liveview: Chrome 57.0+, Firefox 52.0+<br>Local service: Chrome 57.0+, Firefox 52.0+          |
| Image                    |  |
| Image Settings           | Saturation, brightness, contrast, sharpness,<br>AGC, white balance adjustable by client<br>software or web browser.                            |

|                                  |   |
|----------------------------------|---|
| Day/Night Switch                 | Day, Night, Auto, Schedule  |
| Image Enhancement                | BLC, 3D DNR   |
| Interface                        |   |
| Ethernet Interface               | 1 RJ45 10 M/100 M self-adaptive Ethernet port   |
| Event                            |   |
| Basic Event                      | Motion detection, video tampering alarm, exception  |
| General                          |   |
| Linkage Method                   | Upload to FTP, notify surveillance center, send email   |
| Camera Material                  | Metal & Plastic   |
| Camera Dimension                 | 177.6 mm × 66.2 mm × 67.8 mm (7.0" × 2.6" × 2.7")   |
| Package Dimension                | 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")   |
| Camera Weight                    | Approx. 270 g (0.6 lb.)   |
| With Package Weight              | Approx. 490 g (1.1 lb.)   |
| Storage Conditions               | -30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)                          |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)                          |
| Web Client Language              | English, Ukrainian  |
| General Function                 | Anti-flicker, heartbeat, mirror,<br>password protection, privacy mask, watermark, IP address filter |
| Firmware Version                 | V5.5.120  |
| Power Consumption and Current    | 12 VDC, 0.4 A, max. 5 W<br>PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.15A, max. 6.5 W                 |

|                        |  |
|------------------------|--|
| <b>Power Supply</b>    | 12 VDC $\pm$ 25%<br>PoE: 802.3af, Class 3  |
| <b>Power Interface</b> | $\varnothing$ 5.5 mm coaxial powerplug   |
| <b>Approval</b>        |  |
| <b>EMC</b>             | FCC SDoC(47 CFR Part 15, Subpart B);<br>CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014,<br>EN 61000-3-3: 2013, EN 50130-4: 2011+A1: 2014);<br>RCM (AS/NZS CISPR32: 2015); IC<br>VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015) |
| <b>Safety</b>          | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009+ Am 2:2013,<br>IEC 62368-1:2014);<br>CE-LVD (EN 60950-1:2005 + Am 1:2009+ Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)                                    |
| <b>Environment</b>     | CE-RoHS (2011/65/EU); WEEE(2012/19/EU);<br>Reach (Regulation (EC) No 1907/2006)  |
| <b>Protection</b>      | IP67 (IEC 60529-2013)  |