

DS-2CD1027G2-L

DS-2CD1027G2-L 2.8mm 2mp LED 30m IP ColorVu Lite Human and Vehicle Detection Bullet CAMERA HIKVISION

- High quality imaging with 2 MP resolution
- 24/7 colorful imaging
- Support Human and Vehicle Detection
- Water and dust resistant (IP67)
- Efficient H.265+ compression technology
- Support on-board storage up to 256GB (SD card slot) (Optional)
- Built-in microphone for real-time audio security (Optional)

|                   |            |
|-------------------|------------|
| Type              | IP         |
| Megapixel         | 2 MP       |
| Objective         | Motionless |
| Focus             | 2.8 mm     |
| Lighting          | LED        |
| Lighting distance | 30 m       |
| Microphone        | Mic        |
| Protection        | IP67       |
| Material          | Metal      |



| Camera            |                                                     |
|-------------------|-----------------------------------------------------|
| Image Sensor      | 1/2.8" Progressive Scan CMOS                        |
| Max. Resolution   | 1920 × 1080                                         |
| Min. Illumination | Color: 0.001Lux @ (F1.0, AGC ON),0 Lux withlight    |
| Shutter Time      | 1/3 s to 1/100,000 s                                |
| Day & Night       | 24/7 colorimaging                                   |
| Angle Adjustment  | Pan: 0° to 360°,tilt: 0° to 90°, rotate: 0° to 360° |

|                        |                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Lens</b>            |                                                                                                                                            |
| Lens Type              | Fixed focallens, 2.8 and 4mm optional                                                                                                      |
| Focal Length& FOV      | 2.8 mm, horizontal FOV:106°, vertical FOV: 57°, diagonal F OV: 126°<br><br>4 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 99° |
| Lens Mount             | M12                                                                                                                                        |
| Iris Type              | Fixed                                                                                                                                      |
| Aperture               | F1.0                                                                                                                                       |
| Depth of Field         | 2.8 mm: 1.5 m to ∞<br><br>4 mm: 2.1 m to ∞                                                                                                 |
| <b>DORI</b>            |                                                                                                                                            |
| DORI                   | 2.8 mm, D: 44 m, O: 17 m, R: 8 m, l: 4 m<br><br>4 mm, D: 56 m, O: 22 m, R: 11 m, l: 5 m                                                    |
| <b>Illuminator</b>     |                                                                                                                                            |
| Supplement Light Type  | White Light                                                                                                                                |
| Supplement Light Range | Up to 30 m                                                                                                                                 |
| Smart Supplement Light | Yes                                                                                                                                        |
| <b>Video</b>           |                                                                                                                                            |
| Main Stream            | 50 Hz: 25 fps (1920 × 1080, 1280× 720)<br><br>60 Hz: 30 fps (1920 × 1080, 1280 × 720)                                                      |
| Sub-Stream             | 50 Hz:25 fps (640× 480, 640 × 360)<br><br>60 Hz: 30 fps (640 × 480, 640 × 360)                                                             |
| Video Compression      | Main stream:H.265+/H.265/H.264+/H.264,<br><br>Sub-stream: H.265/H.264/MJPEG                                                                |
| Video Bit Rate         | 32 Kbpsto 8 Mbps                                                                                                                           |
| H.264 Type             | Baseline Profile, Main Profile, HighProfile                                                                                                |
| H.265 Type             | Main Profile                                                                                                                               |

|                             |                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Bit Rate Control            | CBR, VBR                                                                                                                   |
| Region of Interest (ROI)    | 1 fixedregion(s) for main stream                                                                                           |
| <b>Audio</b>                |                                                                                                                            |
| Audio Type                  | -U: Monosound                                                                                                              |
| Environment Noise Filtering | -U: Yes                                                                                                                    |
| Audio Sampling Rate         | -U: 8 kHz/16 kHz                                                                                                           |
| Audio Compression           | -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC                                                                     |
| Audio BitRate               | -U: 64 Kbps (G.711ulaw)/64 Kbps (G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps(AAC-LC) |
| <b>Network</b>              |                                                                                                                            |
| Protocols                   | TCP/IP, ICMP,DHCP, DNS, HTTP,RTP, RTSP, NTP,IGMP, IPv6, UDP, QoS, FTP,SMTP                                                 |
| Simultaneous Live View      | Up to 6 channels                                                                                                           |

|             |                                                                                                                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| API         | Open Network Video Interface (Profile S, Profile T, Profile G (only -U model supports)),<br><br>ISAPI, SDK                                                                                                                            |
| User/Host   | Up to 32 users<br><br>3 user levels: administrator, operator, and user                                                                                                                                                                |
| Security    | Password protection, complicated password,<br><br>watermark, basic and digest authentication for HTTP, WSSE<br>and digest authentication for Open NetworkVideo<br><br>Interface, security audit log, hostauthentication (MAC address) |
| Client      | iVMS-4200, Hik-Connect                                                                                                                                                                                                                |
| Web Browser | Plug-in required live view: IE 10, IE 11<br><br>Local service: Chrome 57.0+, Firefox 52.0+                                                                                                                                            |
|             |                                                                                                                                                                                                                                       |

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| <b>Image</b>            |                                                                                                                                       |
| Wide Dynamic Range(WDR) | DWDR                                                                                                                                  |
| SNR                     | ≥ 52 dB                                                                                                                               |
| Day/Night Switch        | Day, Night,Auto, Schedule                                                                                                             |
| Image Enhancement       | BLC, HLC,3D DNR                                                                                                                       |
| Image Settings          | Rotate mode,saturation, brightness, contrast,<br>sharpness, gain, whitebalance,<br>adjustable by client software or web browser       |
| Privacy Mask            | 4 programmable polygon privacy masks                                                                                                  |
| <b>Interface</b>        |                                                                                                                                       |
| Ethernet Interface      | 1 RJ45 10 M/100M self-adaptive Ethernet port                                                                                          |
| On-Board Storage        | -F: Built-in memory cardslot, support microSD/micro SDHC/microSDXC card<br><br>,up to 256 GB                                          |
| Built-in Microphone     | -U: Yes                                                                                                                               |
| Reset Key               | -F: Yes                                                                                                                               |
| <b>Event</b>            |                                                                                                                                       |
| Basic Event             | Motion detection (support alarm triggering<br><br>by specified targettypes (human and vehicle)), videotampering alarm, exception      |
| Linkage                 | Upload to FTP/memory card(-F),<br><br>notify surveillance center, send email,trigger<br><br>recording (-F),trigger capture            |
| <b>General</b>          |                                                                                                                                       |
| Power                   | 12 VDC ± 25%,0.4 A, max. 5 W, Ø5.5 mm coaxial po<br>werplug<br><br>PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15A,<br>max. 6.5 W |
| Material                | Aluminum alloybody                                                                                                                    |
| Dimension               | Ø76.6 mm × 164.4mm (Ø3" × 6.5")                                                                                                       |

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| Package Dimension                | 234 mm × 120 mm × 117 mm (9.2" × 4.7" × 4.6")                                   |
| Weight                           | -L: Approx. 405 g (0.9 lb.)<br>-LUF: Approx. 425 g (0.9lb.)                     |
| With Package Weight              | -L: Approx. 630 g (1.4 lb.)<br>-LUF: Approx. 650 g (1.4lb.)                     |
| Storage Conditions               | -30 °C to 60 °C (-22 °F to 140 °F).<br>Humidity 95% or less (non-condensing)    |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F).<br>Humidity 95% or less (non-condensing)    |
| Language                         | English, Ukrainian                                                              |
| General Function                 | Heartbeat, anti-banding, mirror, password protection , password reset via email |

| Approval    |                                                                                                                                                                                                                            |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EMC         | FCC: 47 CFR Part15, Subpart B<br><br>CE-EMC: EN 55032: 2015,EN 61000-3-2 : 2019,<br><br>EN 61000-3-3: 2013 + A1: 2019,<br><br>EN 50130-4: 2011+ A1: 2014<br><br>RCM: AS/NZSCISPR 32: 2015<br><br>KC: KN32: 2015, KN35:2015 |
| Safety      | UL: UL 62368-1<br><br>CB: IEC 62368-1: 2014+ A11<br><br>CE-LVD: EN 62368-1: 2014/A11: 2017<br><br>BIS: IS 13252 (Part1): 2010/IEC 60950-1: 2005                                                                            |
| Environment | CE-RoHS: 2011/65/EU WEEE: 2012/19/EU<br><br>Reach: Regulation (EC) No 1907/2006                                                                                                                                            |
| Protection  | IP67: IEC 60529-2013                                                                                                                                                                                                       |