

Code: DS-2CD1027G0-L(2.8MM)(C)

## IP CAMERA **DS-2CD1027G0-L(2.8MM)(C)** ColorVu - 1080p Hikvision

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p.

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.

Camera is according to IP67 Index of Protection norm.

**Attention!** The camera of the ColorVu series does not have a black and white mode. Thanks to fit the camera in a very sensitive sensor and the LED illuminator emitting visible light in white, the device allows to obtain a clear, colorful image in all lighting conditions.



|                                    |                                                                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Standard:                          | TCP/IP                                                                                                                           |
| Sensor:                            | 1/2.8 " Progressive Scan CMOS                                                                                                    |
| Matrix size:                       | 2.1 Mpx                                                                                                                          |
| Resolution:                        | 1920 x 1080 - 1080p ,<br>1280 x 720 - 720p                                                                                       |
| Lens:                              | 2.8 mm                                                                                                                           |
| View angle:                        | <ul style="list-style-type: none"> <li>• 105 ° (manufacturer data)</li> <li>• 102 ° (our tests result)</li> </ul>                |
| White light LED illuminator range: | 30 m                                                                                                                             |
| Memory card slot:                  | —                                                                                                                                |
| Image compression method:          | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                          |
| Alarm inputs / outputs:            | —                                                                                                                                |
| Audio:                             | —                                                                                                                                |
| Main stream frame rate:            | 25 fps @ 1080p                                                                                                                   |
| Network interface:                 | 10/100 Base-T (RJ-45)                                                                                                            |
| Network protocols:                 | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, QoS, IPv4/IPv6, UDP, Bonjour, SSL / TLS |



# DATA SHEET

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Max. number of on-line users:  | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ONVIF:                         | 18.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Main features:                 | <ul style="list-style-type: none"><li>• Possibility to turn off the LED illuminator</li><li>• D-WDR - Wide Dynamic Range</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• ROI - improve the quality of selected parts of image</li><li>• Anti-Flicker - The technology eliminates the tiring eyes flickering image effect</li><li>• BLC - Back Light Compensation</li><li>• Auto White Balance</li><li>• AGC - Automatic Gain Control</li><li>• Possibility to change the resolution, quality and bit rate</li><li>• Mirror - Mirror image</li><li>• Motion Detection</li><li>• Configurable Privacy Zones</li><li>• Sharpness - sharper image outlines</li></ul> |
| Mobile phones support:         | Port no.: 8000 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">Hik-Connect</a></li><li>• iOS: Free application <a href="#">Hik-Connect</a></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Default IP address:            | 192.168.1.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Web browser access ports:      | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PC client access ports:        | Port no.: 8000 or access by a cloud (P2P) - iVMS-4200 application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Mobile client access ports:    | 8000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Port ONVIF:                    | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RTSP URL:                      | <ul style="list-style-type: none"><li>• Main stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/</li><li>• Sub stream : rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Power supply:                  | <ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 420 mA</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Power consumption:             | <ul style="list-style-type: none"><li>• ≤ 5 W @ 12 V DC</li><li>• ≤ 6.5 W @ PoE</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Housing:                       | Compact, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Vandal-proof:                  | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Weight:                        | 0.41 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Dimensions:                    | Ø 77 x 164 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Supported languages:           | English, Ukrainian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer / Brand:          | Hikvision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SAP Code:                      | 311316772                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Guarantee:                     | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |