

Code: DS-2CD1021-I(2.8MM)(E)

## IP CAMERA **DS-2CD1021-I(2.8MM)(E)** - 1080p Hikvision

IP camera with efficient H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p (2.1 MPx).

The range of IR illumination according to the manufacturer data, depends on outer conditions (visibility - air transparency, environment, wall colors ie. scene reflectance).

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



|                           |                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                                            |
| Sensor:                   | 1/2.8 " Progressive Scan CMOS                                                                                     |
| Matrix size:              | 2.1 Mpx                                                                                                           |
| Scanning system:          | Progressive                                                                                                       |
| Resolution:               | 1920 x 1080 - 1080p ,<br>1280 x 960 - 1.3 Mpx ,<br>1280 x 720 - 720p                                              |
| Lens:                     | 2.8 mm                                                                                                            |
| View angle:               | <ul style="list-style-type: none"> <li>• 106 ° (manufacturer data)</li> <li>• 103 ° (our tests result)</li> </ul> |
| Range of IR illumination: | 30 m                                                                                                              |
| S/N ratio:                | > 50 dB                                                                                                           |
| RS-485 interface:         | —                                                                                                                 |
| Memory card slot:         | —                                                                                                                 |
| Image compression method: | H.264+ / H.264 / MJPEG                                                                                            |
| Alarm inputs / outputs:   | —                                                                                                                 |
| Audio:                    | —                                                                                                                 |
| Bitrate:                  | 256 kbps ... 8192 kbps - H.264                                                                                    |



# DATA SHEET

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| Main stream frame rate:        | 25 fps @ 1080p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Network protocols:             | TCP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, QoS, IEEE 802.1x, IPv6, Bonjour                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Max. number of on-line users:  | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ONVIF:                         | 2.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Mobile phones support:         | Port no.: 8000 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a></li><li>• iOS (iPhone): Free application <a href="#">iVMS-4500</a> or <a href="#">Hik-Connect</a></li></ul>                                                                                                                                                                                                                                                                                                                                                                                       |
| Default admin user / password: | admin / -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Default IP address:            | 192.168.1.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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<br/>rtsp://192.168.1.64:554/Streaming/Channels/101/ - RTSP - without authorization<br/>rtsp://user:password@192.168.1.64:554/Streaming/Channels/101/ - with authorization</li><li>• Sub stream<br/>rtsp://192.168.1.64:554/Streaming/Channels/102/ - RTSP - without authorization<br/>rtsp://user:password@192.168.1.64:554/Streaming/Channels/102/ - with authorization</li></ul>                                                                                                                                                                                                                                 |
| Main features:                 | <ul style="list-style-type: none"><li>• ROI - improve the quality of selected parts of image</li><li>• EXIR - high-efficiency infrared LEDs technology, which evenly covers the whole plan of both central vantage points of the scene as well as the corners</li><li>• 3D-DNR - Digital Noise Reduction</li><li>• D-WDR - Wide Dynamic Range</li><li>• ICR - Movable InfraRed filter</li><li>• BLC - configurable Back Light Compensation</li><li>• Day/Night mode (color/b&amp;w/auto)</li><li>• Configurable Privacy Zones</li><li>• Motion Detection - 22 x 18 motion zones</li><li>• Sharpness - sharper image outlines</li><li>• Mirror - Mirror image</li></ul> |
| Power supply:                  | <ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 410 mA</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power consumption:             | ≤ 5.0 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Housing:                       | Compact - Plastic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Operation temp:                | -30 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Weight:                        | 0.28 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Dimensions:                    | 173 x 70 x 66 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |



## DATA SHEET

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|-----------------------|---------------------------------------|
| Supported languages:  | English, Spanish, Portuguese, Russian |
| Manufacturer / Brand: | Hikvision                             |
| SAP Code:             | 311301704                             |
| Guarantee:            | <b>3 years</b>                        |