

Code: BCS-DMIP2201AIR-III

## IP CAMERA **BCS-DMIP2201AIR-III** - 1080p 3.6 mm

IP camera with efficient H.264 / H.265 image compression algorithm for clear and smooth video streaming at maximal resolution of 1080p. Included camera software enables management and integrated monitoring of many network cameras.

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. Camera is according to IP67 Index of Protection norm.



|                           |                                                                                                                 |
|---------------------------|-----------------------------------------------------------------------------------------------------------------|
| Standard:                 | TCP/IP                                                                                                          |
| Sensor:                   | 1/2.8 " Progressive Scan Exmor CMOS                                                                             |
| Matrix size:              | 2.1 Mpx                                                                                                         |
| Scanning system:          | Progressive                                                                                                     |
| Resolution:               | 1920 x 1080 - 1080p<br>1280 x 1024 - 1.4 Mpx<br>1280 x 960 - 1.3 Mpx<br>1280 x 720 - 720p<br>704 x 576 - D1     |
| Lens:                     | 3.6 mm                                                                                                          |
| View angle:               | <ul style="list-style-type: none"> <li>• 87 ° (manufacturer data)</li> <li>• 85 ° (our tests result)</li> </ul> |
| Range of IR illumination: | 50 m                                                                                                            |
| S/N ratio:                | > 50 dB                                                                                                         |
| RS-485 interface:         | —                                                                                                               |
| Memory card slot:         | Micro SD memory cards up to 128GB support (possible local recording)                                            |



# DATA SHEET

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Image compression method:     | H.265 / H.264 / MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Alarm inputs / outputs:       | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Audio:                        | <ul style="list-style-type: none"><li>• Microphone built-in</li><li>• Audio detection</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Bitrate:                      | 32 kbps ... 10240 kbps - H.264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Main stream frame rate:       | 50 fps @ 1080p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Network interface:            | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Network protocols:            | IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x Radius, Multicast, Lechange                                                                                                                                                                                                                                                                                                                                                                                    |
| WEB Server:                   | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Max. number of on-line users: | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| ONVIF:                        | 2.41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Mobile phones support:        | Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">DMSS</a>, Android: Free application <a href="#">IMOU</a></li><li>• iOS (iPhone): Free application <a href="#">DMSS</a>, iOS (iPhone): Free application <a href="#">IMOU</a></li></ul>                                                                                                                                                                                                                                                      |
| Main features:                | <ul style="list-style-type: none"><li>• 3D-DNR - Digital Noise Reduction</li><li>• WDR - 120 dB - Wide Dynamic Range</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• Possibility to change the resolution, quality and bit rate</li><li>• Configurable Privacy Zones</li><li>• Mirror - Mirror image</li><li>• ROI - improve the quality of selected parts of image</li><li>• Audio detection</li><li>• Intelligent image analysis : crossing the line (tripwire), intrusion, scene changing, abandoned/missing object, face detection</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:            | ≤ 5 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Housing:                      | Dome, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Color:                        | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| "Index of Protection":        | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Dimensions:                   | Ø 106 x 95 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Weight:                       | 0.46 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Supported languages:          | English, Polish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Manufacturer / Brand:         | BCS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Guarantee:                    | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |