

Code: BCS-TIP3201IR-E-V

## IP CAMERA **BCS-TIP3201IR-E-V** - 1080p 2.8 mm

Net: **151.41 EUR** Gross: **151.41 EUR**

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

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.



### SPECIFICATION

|                           |                                                                      |
|---------------------------|----------------------------------------------------------------------|
| 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:               | • 106 ° (manufacturer data)<br>• 102 ° (our tests result)            |
| Range of IR illumination: | 30 m                                                                 |
| S/N ratio:                | > 50 dB                                                              |
| RS-485 interface:         | —                                                                    |
| Memory card slot:         | Micro SD memory cards up to 256GB support (possible local recording) |
| Image compression method: | H.265+ / H.265 / H.264+ / H.264 / MJPEG                              |
| Alarm inputs / outputs:   | —                                                                    |
| Audio:                    | —                                                                    |
| Bitrate:                  | 32 ... 6144 kbps - H.264<br>12 ... 6144 kbps - H.265                 |
| Main stream frame rate:   | 25 fps @ 1080p                                                       |
| Network interface:        | 10/100 Base-T (RJ-45)                                                |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network protocols:             | IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, PPPoE, IEEE 802.1x, Bonjour                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ONVIF:                         | 18.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mobile phones support:         | Port no.: 37777 or access by a cloud (P2P)<br>• Android: Free application <a href="#">DMSS</a><br>• iOS (iPhone): Free application <a href="#">DMSS</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Default IP address:            | 192.168.1.108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Web browser access ports:      | 80, 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PC client access ports:        | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mobile client access ports:    | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Port ONVIF:                    | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| RTSP URL:                      | rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Main features:                 | <ul style="list-style-type: none"> <li>• WDR - 120 dB - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• ROI - improve the quality of selected parts of image</li> <li>• BLC/HLC - Back Light / High Light Compensation</li> <li>• AES - Auto Electronic Shutter</li> <li>• AGC - Automatic Gain Control</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• Motion Detection</li> <li>• Privacy zones</li> <li>• Configurable Privacy Zones</li> <li>• Mirror - Mirror image</li> <li>• IVS analysis : crossing the line (tripwire), intrusion</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:             | ≤ 4.9 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Housing:                       | Compact - Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Color:                         | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| "Index of Protection":         | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Operation temp:                | -40 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Weight:                        | 0.48 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Dimensions:                    | Ø 70 x 166 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Supported languages:           | English, Polish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer / Brand:          | BCS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Guarantee:                     | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## PRESENTATION



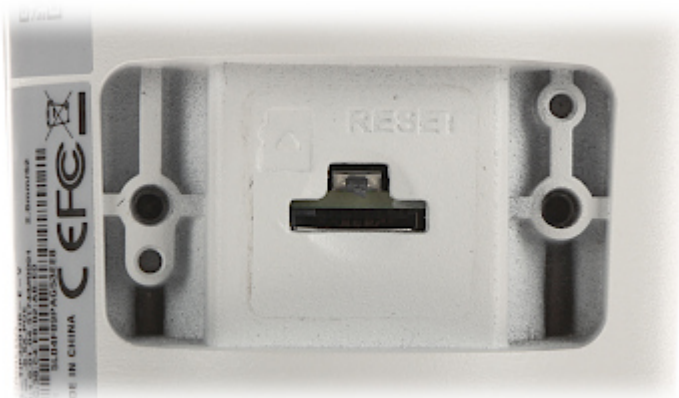
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Side view:

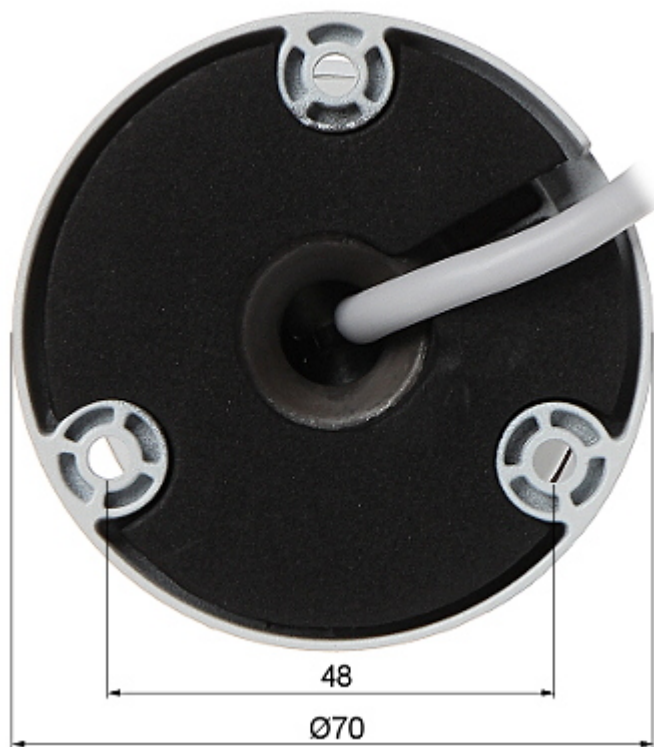


Memory card slot:



Mounting side view:





In the kit:



## OUR TESTS

Camera image at artificial illumination (about 30Lux):



Camera image at night conditions with internal built-in IR illuminator on:



Camera image at direct strong light opposite to camera:



#### PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|