

Code: BCS-L-TIP52FCL4-AI1

## IP CAMERA **BCS-L-TIP52FCL4-AI1** NightColor - 1080p 2.8 mm

Camera equipped with NightColor technology, which allows you to obtain a clear color image even at night and has the function of active audio-visual deterrence in combination with AI artificial intelligence functions.

The NightColor series camera allows to obtain clear, colorful image even in very poor lighting conditions. Active intrusion deterrence works by blinking blue and red light and siren sound or voice prompts. The camera of the NightColor series does not have a black and white mode.

IP camera with efficient H.264 / H.265 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.



|                                    |                                                                                                                   |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Standard:                          | TCP/IP                                                                                                            |
| Sensor:                            | 1/2.8 " Progressive Scan CMOS                                                                                     |
| Matrix size:                       | 2.1 Mpx                                                                                                           |
| Resolution:                        | 1920 x 1080 - 1080p ,<br>1280 x 960 - 1.3 Mpx ,<br>1280 x 720 - 720p                                              |
| Scanning system:                   | Progressive                                                                                                       |
| Lens:                              | 2.8 mm F1.0                                                                                                       |
| View angle:                        | <ul style="list-style-type: none"> <li>• 107 ° (manufacturer data)</li> <li>• 102 ° (our tests result)</li> </ul> |
| White light LED illuminator range: | ≤ 40 m                                                                                                            |
| Min. illumination:                 | 0.0015 Lux / F1.0 (color)                                                                                         |
| 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:            | 1 / 1                                                                                                             |



# DATA SHEET

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Audio:                         | <ul style="list-style-type: none"><li>• Microphone built-in,</li><li>• Speaker built-in,</li><li>• External microphone input,</li><li>• Audio output,</li><li>• Bi-directional audio streaming support,</li><li>• Audio detection</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Main stream frame rate:        | 25 fps @ 1080p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Network interface:             | 10/100 Base-T (RJ-45)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Network protocols:             | IPv4/IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NFS, SAMBA, PPPoE, SNMP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| WEB Server:                    | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Max. number of on-line users:  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ONVIF:                         | 20.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Mobile phones support:         | Port no.: 37777 or access by a cloud (P2P) <ul style="list-style-type: none"><li>• Android: Free application <a href="#">BCS Manager</a></li><li>• iOS (iPhone): Free application <a href="#">BCS Manager</a></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Default IP address:            | 192.168.1.108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Default admin user / password: | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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>• NightColor - colorful night mode</li><li>• Auto White Balance</li><li>• AGC - Automatic Gain Control</li><li>• Motion Detection</li><li>• Configurable Privacy Zones</li><li>• Mirror - Mirror image</li><li>• Light and sound alarm</li><li>• Active deterrence function</li><li>• White light (LED) illuminator built-in : 2 LEDs</li><li>• IVS analysis : crossing the line (tripwire), intrusion - classification of people and vehicles</li></ul> |
| Power supply:                  | <ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 600 mA</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Power consumption:             | max. 8.5 W @ PoE<br>max. 7.2 W @ 12 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Housing:                       | Compact - Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Color:                 | White + Black                                                                                                                         |
| "Index of Protection": | IP67                                                                                                                                  |
| Vandal-proof:          | —                                                                                                                                     |
| Operation temp:        | -40 °C ... 60 °C                                                                                                                      |
| Weight:                | 1.01 kg                                                                                                                               |
| Dimensions:            | 289 x 95 x 85 mm                                                                                                                      |
| Supported languages:   | Polish, English, Czech, French, Hebrew, Spanish, Dutch, German, Russian, Portuguese, Romanian, Turkish, Ukrainian, Hungarian, Italian |
| Manufacturer / Brand:  | BCS Line                                                                                                                              |
| Guarantee:             | <b>3 years</b>                                                                                                                        |