

Code: BCS-L-NVR1602-A-4K

## NVR **BCS-L-NVR1602-A-4K** 16 CHANNELS BCS Line



|                                     |                                                                                                                                                                                        |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                           | TCP/IP                                                                                                                                                                                 |
| Supported resolutions:              | 32 Mpx (max)                                                                                                                                                                           |
| Video outputs:                      | 1 pcs HDMI<br>1 pcs VGA                                                                                                                                                                |
| Audio support:                      | 16 Channels - Audio from cameras                                                                                                                                                       |
| Audio inputs:                       | 1 pcs CINCH                                                                                                                                                                            |
| Audio outputs:                      | 1 pcs CINCH                                                                                                                                                                            |
| Image compression method:           | H.265+ / H.265 / H.264 / H.264+ / MJPEG                                                                                                                                                |
| Supported hard drives:              | 2 x 16 TB SATA                                                                                                                                                                         |
| Recording modes:                    | Manual, Sensor, Motion detection, Schedule                                                                                                                                             |
| Network protocols:                  | HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, Alarm Server, IP Search, P2P, Auto Register                                         |
| External storage devices backup:    | Backup to USB drive (pendrive, external drive)                                                                                                                                         |
| Searching and playback the records: | Records searching: by time and events type. Records playback: forward, backward, fast, slow<br>Advanced searching (to the one second accuracy)<br>1/4/8/9 channel synchronous playback |
| Bitrate:                            | max. 384 Mbps                                                                                                                                                                          |
| Network interface:                  | 1 x RJ-45, 10/100/1000 Base-TX                                                                                                                                                         |
| Network functions:                  | Full support via network, Remote records copying, Web Server built-in                                                                                                                  |
| ONVIF:                              | ✓                                                                                                                                                                                      |
| Mobile phones support:              | Port no.: 37777 or access by a cloud (P2P)<br>• Android: Free application <a href="#">BCS Manager</a><br>• iOS (iPhone): Free application <a href="#">BCS Manager</a>                  |



# DATA SHEET

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| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RTSP URL:                        | rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream<br>rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Serial ports:                    | RS-485, RS-232                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| USB:                             | 1 pcs USB 2.0<br>1 pcs USB 3.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Alarm inputs / outputs:          | 4 / 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PTZ control:                     | IP Speed Dome Cameras                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Motion Detection:                | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Intelligent image analysis:      | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Main features:                   | <ul style="list-style-type: none"><li>• Intelligent image analysis : crossing the line (tripwire), intrusion, face detection</li><li>• SMD PLUS - searching for an object classified as: human, motor vehicle</li><li>• Filtering of false alarms based on the recognition of persons and vehicles</li><li>• Face recognition</li><li>• Face analysis: determination of sex, age and characteristic elements of appearance (glasses, facial hair, mask)</li><li>• Support for up to 20 face databases, including 20 000 face images</li><li>• In the base other than face photography, can also be stored such information as: name, sex, date of birth, nationality, address, ID number</li><li>• Intelligent face search by metadata of different targets or uploading pictures of faces to the device and comparing them with recorded faces by similarity</li><li>• Privacy zones</li><li>• Cooperation with POS (Point of Sale) terminals</li></ul> <p>Functions implemented in cooperation between the recorder and cameras that support these functions :</p> <ul style="list-style-type: none"><li>• ANPR</li><li>• Authorized and unauthorized license plate lists: up to 20 000 records</li><li>• counting people / vehicles</li><li>• crowd gathering estimation</li><li>• heat map</li><li>• metadata handling - automatic photo taking and collection of information enabling the subsequent identification of people and vehicles that triggered the alarm (clothing, silhouette, face, features of motor and non-mechanical vehicles)</li></ul> |
| Mouse support:                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| IR remote controller in the set: | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Power supply:                    | 12 V DC / 4 A (power adapter included)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Weight:                          | 1.61 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Dimensions:                      | 375 x 282 x 56 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Supported languages:             | Polish, English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



# DATA SHEET

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|-----------------------|----------------|
| Manufacturer / Brand: | BCS Line       |
| Guarantee:            | <b>3 years</b> |