

Code: BCS-NVR1602-4K-P-III

## NVR **BCS-NVR1602-4K-P-III** 16 CHANNELS, 16 PoE BCS Line

Net: **956.86 EUR** Gross: **956.86 EUR**

The BCS-NVR1602-4K-P-III digital recorder is a professional device using in IP surveillance systems.



### SPECIFICATION

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                           | TCP/IP                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Supported resolutions:              | max. 12 Mpx - 4000 x 3000 px                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Video outputs:                      | 1 pcs HDMI 4K<br>1 pcs VGA                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Audio support:                      | <ul style="list-style-type: none"><li>• 16 Channels - Audio from cameras</li><li>• Bi-directional audio streaming support</li></ul>                                                                                                                                                                                                                                                                                                                                            |
| Audio inputs:                       | 1 pcs CINCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Audio outputs:                      | 1 pcs CINCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Image compression method:           | H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Bitrate:                            | max. 320 Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Supported hard drives:              | 2 x 10 TB SATA III                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Recording modes:                    | Manual, Sensor, Motion detection, Schedule                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| External storage devices backup:    | Backup to USB drive (pendrive, external drive)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Searching and playback the records: | <ul style="list-style-type: none"><li>• Records searching: by time and events type. Records playback: forward, backward, fast, slow</li><li>• Advanced searching (to the one second accuracy)</li><li>• All channels synchronous playback, Smart Search function</li><li>• Records playback from max. 16 channels in the same time @ 1080p</li><li>• Records playback from max. 4 channels in the same time @ 4K UHD</li><li>• 1/4/9/16 channel synchronous playback</li></ul> |
| Network interface:                  | 1 x RJ-45 10/100/1000 Base-TX                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Network functions:                  | <ul style="list-style-type: none"><li>• Live image view, Playback the records, Backup the records, remote access, CMS application</li><li>• Web Server built-in max. 128 on-line users</li></ul>                                                                                                                                                                                                                                                                               |
| Network protocols:                  | HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, Alarm Server, IP Search, PPPoE, P2P                                                                                                                                                                                                                                                                                                                                         |
| ONVIF:                              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Default IP address:                 | 192.168.1.108                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Default admin user / password:      | admin / -<br>The administrator password should be set at the first start                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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>                                                                                                                                                                                                                                                        |

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|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Web browser access ports:        | 80, 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PC client access ports:          | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mobile client access ports:      | 37777                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RTSP URL:                        | <ul style="list-style-type: none"> <li>• rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&amp;subtype=0 - Main stream</li> <li>• rtsp://admin:haslo@192.168.1.108:554/cam/realmonitor?channel=1&amp;subtype=1 - Sub stream</li> </ul>                                                                                                                                                                                                                                                                                                                              |
| USB:                             | 1 pcs USB 3.0<br>1 pcs USB 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Serial ports:                    | RS-485, RS-232                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Alarm inputs / outputs:          | 4 / 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PTZ control:                     | <ul style="list-style-type: none"> <li>• IP Speed Dome Cameras</li> <li>• Intelligent 3D Positioning System</li> <li>• RS-485 - PELCO-D/P and others</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Motion Detection:                | 22 x 18 motion zones                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Intelligent image analysis:      | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Main features:                   | Functions implemented in cooperation between the recorder and cameras that support these functions <ul style="list-style-type: none"> <li>• Intelligent image analysis : crossing the line (tripwire), intrusion, abandoned/missing object</li> <li>• people counting</li> <li>• face detection</li> <li>• Audio detection</li> <li>• heat map</li> <li>• Fisheye-Dewarping - correction of the "fish eye" view to the perspective view</li> <li>• Cooperation with POS (Point of Sale) terminals - POSNET</li> <li>• Port USB - Possibility to connect WiFi/3G modem</li> </ul> |
| Mouse support:                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| IR remote controller in the set: | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Switch PoE:                      | 16-port PoE Switch built-in, 25.5 W / Channel, PoE (802.3af/at) + ePoE + EoC<br>Ports 1-8 support ePoE & EoC                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Maximum total switch load:       | 130 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power supply:                    | 100 ... 240 V AC @ 50 / 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Power consumption:               | max. 15.2 W (without HDD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Operation temp:                  | -10 °C ... 55 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Weight:                          | 2.77 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Dimensions:                      | 375 x 328 x 53 mm, RACK 19", 1U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Supported languages:             | Polish, English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer / Brand:            | BCS Line                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Guarantee:                       | <b>3 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## PRESENTATION

Front panel:



Rear panel:



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In the kit:



**PACKAGE**

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