

Code: BCS-L-NVR1602-A-4KE-16P(2)

## NVR **BCS-L-NVR1602-A-4KE-16P(2)** 16 CHANNELS, 16 PoE BCS Line

The BCS-L-NVR1602-A-4KE-16P(2) digital recorder is a professional device using in IP surveillance systems. The H.265 / H.264 video compression standard using to record video data, allows to get the best possible quality of recorded image at minimal network transfer and disk storage capacity.



|                                  |                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard:                        | TCP/IP                                                                                                                                         |
| Supported resolutions:           | max. 16 Mpx - 4608 x 3472 px                                                                                                                   |
| Video outputs:                   | 1 pcs HDMI 4K<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, Motion Detection, Schedule                                                                                                             |
| Network interface:               | 1 x RJ-45, 10/100/1000 Base-TX                                                                                                                 |
| 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)                                                                                                 |
| Default admin user / password:   | admin / -<br>The administrator password should be set at the first start                                                                       |
| Default IP address:              | 192.168.1.64                                                                                                                                   |
| Web browser access ports:        | 80                                                                                                                                             |
| PC client access ports:          | Port no.: 8000 or access by a cloud (P2P)                                                                                                      |
| Mobile client access ports:      | 8000                                                                                                                                           |

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|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RTSP URL:                           | <ul style="list-style-type: none"> <li>• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no01/ - Main stream</li> <li>• rtsp://user:password@192.168.1.64:554/Streaming/Channels/channel_no02/ - Sub stream</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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>• 1/4/8/9/16 channel synchronous playback</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Bitrate:                            | max. 256 Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Network functions:                  | <ul style="list-style-type: none"> <li>• Web Server built-in</li> <li>• CMS application</li> <li>• Live image view, Playback the records, Backup the records, remote access</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ONVIF:                              | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Mobile phones support:              | Port no.: 8000 or access by a cloud (P2P)<br><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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Alarm inputs / outputs:             | 4 / 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PTZ control:                        | IP Speed Dome Cameras                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| USB:                                | 1 pcs USB 2.0<br>1 pcs USB 3.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Motion Detection:                   | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Intelligent Image Analysis:         | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Main features:                      | <ul style="list-style-type: none"> <li>• Intelligent Image Analysis : crossing the line (tripwire), intrusion, scene changing, 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>• Quick Pick - AI technology enabling, together with the recorder, quick identification of interesting objects (people/vehicles) based on an artificial intelligence algorithm. It allows to extract and compare the colors of clothes 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 10 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> </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>• people counting</li> <li>• heat map</li> </ul> |
| Mouse support:                      | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| IR remote controller in the set:    | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Operation temp:                     | -10 °C ... 55 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Switch PoE:                         | 16-port PoE Switch built-in, 25.5 W / Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Maximum total switch load:          | 130 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |



## DATA SHEET

|                       |                   |
|-----------------------|-------------------|
| Power supply:         | 230 V AC          |
| Weight:               | 2.67 kg           |
| Dimensions:           | 375 x 327 x 54 mm |
| Supported languages:  | Polish, English   |
| Manufacturer / Brand: | BCS Line          |
| Guarantee:            | <b>3 years</b>    |