# Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order.

If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;

2. Improper results of operation of the product or products related with it;

3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

**Safety measures:**

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.

**Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.**

Turn off the device before transporting it.

Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

**Proper product disposal:**

A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.

To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.



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| Standard: | TCP/IP |
| Supported resolutions: | 32 Mpx |
| Video outputs: | 2 pcs HDMI<br>2 pcs VGA |
| Audio support: | 32 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: | 8  x 16 TB SATA + eSATA ,<br>Raid 0/1/5/6/10 |
| Recording modes: | Manual, Sensor, Motion detection, Schedule |
| Network protocols: | HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP,<br>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,<br>fast, slow<br>Advanced searching (to the one second accuracy)<br>1/4/8/9 channel synchronous playback |
| Bitrate: | max. 384 Mbps |
| Network interface: | 2 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 BCS Manager<br>• iOS (iPhone): Free application BCS Manager |
| 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:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 -<br>Main stream<br>rtsp://admin:hasło@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub<br>stream |
| Serial ports: | RS-485, RS-232 |
| USB: | 2 pcs USB 2.0<br>2 pcs USB 3.0 |
| Alarm inputs / outputs: | 16 / 8 |
| PTZ control: | IP Speed Dome Cameras |

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| Motion Detection: | ✔ |
| Intelligent image analysis: | ✔ |
| Main features: | • Intelligent image analysis : crossing the line (tripwire), intrusion, face detection<br>• SMD PLUS - searching for an object classified as: human, motor vehicle<br>• Filtering of false alarms based on the recognition of persons and vehicles<br>• Face recognition<br>• Face analysis: determination of sex, age and characteristic elements of appearance (glasses, facial hair, mask)<br>• Support for up to 20 face databases, including 20 000 face images<br>• In the base other than face photography, can also be stored such information as: name, sex, date of birth, nationality, address, ID number<br>• Intelligent face search by metadata of different targets or uploading pictures of faces to the device and comparing them with recorded faces by similarity<br>• Privacy zones<br>• Cooperation with POS (Point of Sale) terminals<br><br>Functions implemented in cooperation between the recorder and cameras that support these functions :<br><br>• ANPR<br>• Authorized and unauthorized license plate lists: up to 20 000 records<br>• counting people / vehicles<br>• crowd gathering estimation<br>• heat map<br>• 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) |
| Mouse support: | ✔ |
| IR remote controller in the set: | ✔ |
| Power supply: | 230 V AC |
| Weight: | 6.5 kg |
| Dimensions: | 440 x 454 x 95 mm |
| Supported languages: | Polish, English |
| Manufacturer / Brand: | BCS Line |
| Guarantee: | **3 years** |

Top view:



Rear panel:

In the kit:



PACKAGE

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