

FLEX

BCS-F-NVR3504

INDEX: 11765



- 35-channel IP Recorder
- Up to 4 hard drives with a capacity of up to 24 TB can be installed
- Device with 12 HDDs available upon request
- NDAA compliant
- Processor Intel Core i5
- Linux operating system
- Live view on a single tab for up to 35 channels, with a maximum of 2 live view tabs
- Playback of up to 35 channels simultaneously, one channel x128
- Ability to integrate with Satel (ETHM) / Pulson Alarm (P2P / TCP) alarm systems
- Ability to integrate with Polon / Siemens fire alarm systems
- Ability to control devices via MODBUS TCP/ IP protocol
- Funkctions: PENTAPLEX, Live View, Recording, E-map, text and image integration
- Remote Access: VNC, DWSservice
- Advanced Intelligent Analysis Features (ALFA)



DESCRIPTION

BCS Flex recorders are advanced devices designed for video surveillance, which are based on the **Linux** operating system. This provides the devices with security, reliability and operational stability. As a result, the recorder delivers high performance in a variety of operating conditions.

INTEL CORE SERIES PROCESSOR:

The use of Intel Core processors in the recorders, which are based on advanced x86 architecture, allows for a much higher quality in both live viewing and playback operation compared to standard CCTV recorders. Intel Core utilizes advanced security features, such as Advanced Encryption Standard New Instructions (AES-NI), which has an impact on data security and productivity in calculations.

PROPRIETARY SOFTWARE:

Years of experience in the security industry have led to the development of our proprietary software, designed to provide users with maximum functionality and reliability. The operation of the interface has been tailored to provide easy and simple access to the most necessary system functions. Intuitive live view tabs with quick access to recorded material are just some of the many features that make the recorders easier to operate. The support for intelligent camera analysis functions and the possibility of additional analysis of an alarm triggered in this way increases resistance to false alarms. Remote device control can be conducted through dedicated software BCS Manager or the free VNC client.

The recorders are highly recommended for medium and large CCTV systems.

KEY FEATURES

Support for
Live view on a single tab for up to
Playback of up to

35

channels from various manufacturer
channels, with a maximum of 2 live view tabs
channels simultaneously, one channel x128

Up to

4

hard drives with a capacity of up to 24 TB can
be installed. Device with **12 HDDs** available
upon request

Ability to integrate with **Satel** (ETHM) / **PulsON** (P2P / TCP) alarm systems

Ability to integrate with Polon / Siemens fire alarm systems

Ability to control devices via MODBUS TCP/IP protocol

DEVICE CONNECTION

- **BCS** series cameras **FLEX** **BCS** LINE **BCS** POINT **BCS** VIEW **BCS** ULTRA
- Possibility to connect cameras from other manufacturers (Dahua / HikVision / Uniview)
- Possibility of connecting cameras via **ONVIF** protocol

PENTAPLEX FUNCTION

The recorder operates in PENTAPLEX mode, it can simultaneously perform all five functions available in this type of product: video recording, live view/video playback, remote work (via network), archiving of recorded footage, and device administration.

REMOTE ACCESS

DWService

Remote access to the BCS Flex recorder is available through the DWService platform, either via a web browser or mobile app. During the connection, we have full administrative access to the device, and can also assign one-time service access. Such access provides us with configuration possibilities, downloading blocked recordings, as well as live viewing and archive recordings.

VNC

Access to the recorder is also available via the VNC protocol from any software that supports this communication protocol. This provides the ability to view live footage, access recorded materials, and configure the device.

FUNCTIONS

LIVE VIEW:

The recorder offers live viewing from added devices across two tabs. Each tab can display up to 64 windows. Each view can be saved and quickly recalled by the operator. From the live view, we can easily add a camera for playback or call up the archive for a particular channel in the live view window.

RECORDING:

The recorder offers advanced recording schedule options, including regular recording, motion-triggered recording, alarm-triggered recording, and intelligent IVS alarms provided by the camera. Each alarm type is clearly marked on the playback timeline. The playback module also allows for browsing intelligent events and POS data.

E-MAP:

The e-map module allows you to place device channels on any graphic image or interactive world map. It enables live viewing from selected cameras and signals alarm events. It also provides easy access to playback windows and adding cameras to the list of played channels.



CAPTIONS:

The module offers advanced text-to-video integration, allowing captions to be collected and displayed as an overlay on the video stream in the live view window. An example use is the display of receipts from cash registers in the live view of a camera pointed at the cash register, or the integration of a scale and the display of readings in the image.



ADVANCED INTELLIGENT ANALYSIS FEATURES (ALFA):

The analytical module enables both video and image analysis, detecting events such as abandoned objects, line crossing, intrusion, or missing objects. The operator is informed of intelligent events during live view, and these events can be recorded as snapshots available in the "Reports" tab. Rules for specific devices can also be configured, detailing detection parameters such as the time an object stays in an area (ROI), object dimensions, or the direction of movement across a line.

PRODUCT DETAILS

Product	BCS-F-NVR3504
Brand	BCS FLEX
NDAA	National Defense Authorization Act
System	IP
Appliance	IP recorder with Intel Core I5 processor and Linux operating system
Pentaplex function	Live view / recording / playback / archiving / remote access
Channels	35
HDD capacity	4
Pojemność dysku	24 TB
RAID type	0/1/5/10
Record mode	Continuous, calendar
Incoming bandwidth	2.5Gbps
Outgoing bandwidth	2.5Gbps
Video compression	H.265 / H.264
HDMI out	HDMI4K
VGA out	VGA
DisplayPort out	DisplayPort4K
HDMI display resolutions	3840×2160
VGA display resolutions	1920×1080
Display split	1/4/8/9/16/25/36
Synchronous playback	1/4/8/16/32/35
Archiving	Possibility to download material to external media such as USB FLASH, USB HDD
Interfaces	3×USB2.0, 5×USB3.0
Audio in	1
Audio out	1
Audio compression	Realtek® Audio CODEC, High Definition Audio, 2/4/5.1/7.1-channel
Alarm	Detekcja ruchu, IVS
Support	Local CMS BCS Manager
Network	1×RJ-45 10/100/1000/2500Mbps (optional two network adapters)
Compatibility	ONVIF, support third party cameras
Power supply	240V AC
Power consumption (without HDD)	max 500W
Casing	2U
Dimensions (W×D×H)	440x385x100mm