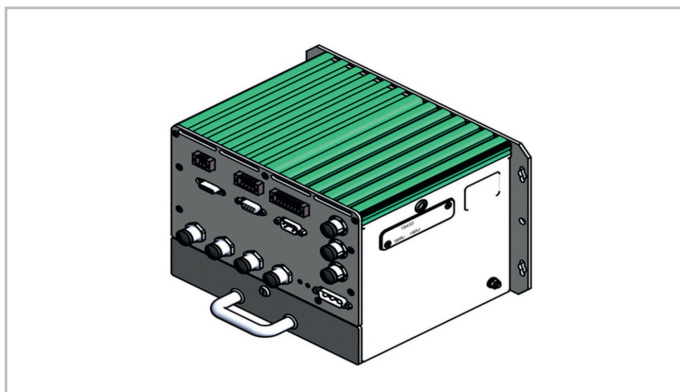


# BUK02

## CCTV Video Server for Railway



### Features

- CPU: Intel Pineview-M (-D) 1.66 GHz Dual Core (D510)
- RAM: 1 GB DDR2 SDRAM 667 MHz
- User Interfaces: 2×USB 2.0, 3×Gigabit Ethernet, 2×RS-422/485, 2×CAN, LVDS;
- Video output: Connection of up to 8x analog cameras of PAL/NTSC standard
- Data storage subsystem: 2x removable SATA drives up to 1 TB
- Supported OS: Linux 2.6
- IP20
- EN50155 compliant

### Overview

BUK 02 video server is designed for application in rolling equipment (railways), used in driver's cabin as the storage device for system video monitoring data.

BUK02- rugged computer from Fastwel is fully configurable and can be customized according to the specific demands of your application. The device is designed for use in transport under conditions of adverse mechanical and electromagnetic effects in the wide range of environmental temperatures (EN50155).

### Technical Specifications

#### General Information

- Back up of vide data obtained via Ethernet from network video recorder
- Displaying video stream selected by operator on a local monitor
- Hardware data decompression h.264
- Obtaining video stream from the fixed cameras over WiFi
- Keeping records of voice messages
- In case of two removable storage devices with a total capacity of 512 GB it is possible to set 10-day records from 10 video cameras, 12 fps, 4CIF, h.264, with a continuous recording in the 24/7 mode

#### System

- CPU: Intel Pineview-M (-D) 1.66 GHz Dual Core (D510)
- RAM: 1 GB DDR2 SDRAM 667 MHz

#### Interfaces

- User Interfaces: 2×USB 2.0, 3×Gigabit Ethernet, 2×RS-422/485, 2×CAN, LVDS
- Video output: Connection of up to 8x analog cameras in PAL/NTSC standard

- Data storage subsystem: 2x removable SATA drives up to 1 TB
- Communication interfaces (option): Wi-Fi 802.11b/g/n; GSM/4G
- Interface connectors on the front panel: LAN, VIDEO IN, CAN, GPIO, VGA, RS-232, RS-485/422, LVDS, GSM, WiFi
- Side connectors: SIM, 2×USB, CFast

#### Supported OS

- Preinstalled Linux 2.6

#### Mechanical

- Dimensions: 75 × 130 × 195 mm
- Protection: IP20

#### Power

- Power supply: 66–160 V, consumed power is no more than: 40 W
- Consumed power of the connected external devices: no more 5 W

### Ordering Information

### BUK02 Configuration

#### BUK02 - 01

##### Versions

- |    |   |
|----|---|
| 01 | Video Server; connection of up to 8 video cameras, 2×USB, 3×GbEthernet, LVDS, 2×SATA SSD 2,5" |
|----|---|

#### Delivery checklist

##### BUK02 delivery checklist contains:

1. BUK02 – Video Server
2. Package

Ver.1.07.2014

Product specifications are subject to change without notice

### Corporate Offices

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