



Features

- CPU: Intel Pine View M (D) 1,66 GHz Dual Core (D510)
- IP20
- RAM: 1 GB DDR2 SDRAM 667 MHz
- 2×USB 2.0, 3×Gigabit Ethernet, 2×RS 422/485, 2×CAN, LVDS
- Operating temperature range: -50°C to +50°C
- Supported OS: FREEDOS, Linux 2.6.26
- EN50155 compliant

Overview

BUK 01 Digital Video Recorder is designed for application in rolling equipment (railways) and is intended for collection, storage, display and transfer of video information via wire/wireless channels in automated control systems.

BUK01 – rugged digital video recorder from Fastwel is fully configurable and can be customized according to the specific demands of your application.

Technical Specifications

System

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

Supported OS:

- FREEDOS
- Linux 2.6.26

Interfaces

- 2×USB 2.0
- 3×Gigabit Ethernet
- 2×RS 422/485
- 2×CAN, LVDS
- Video input: connection of up to 4x (8x optional) analog camera of PAL/NTSC standard
- Communication interfaces: Wi Fi 802.11 b/g (optional); GSM/4G (optional)
- Front panel interface connectors: LAN, VIDEO IN, CAN, GPIO, VGA, RS 232, RS 485/422, LVDS, GSM, WiFi
- On the side panel: SIM, 2×USB, CFast

Mechanical

- Resistance to sinusoidal vibration: 0,5...100 Hz, maximum acceleration: 1G
- Resistance to single shocks: 3G
- Resistance to multiple shocks: 3G
- Dimensions: 75×130×195 mm
- Electromagnetic compatibility: GOST R 51318.22 (A class)

Power

- Supply voltage: 66–160V, power: 40W

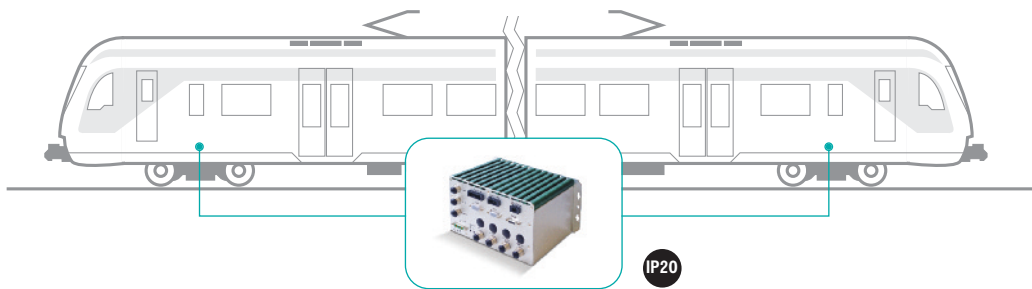
Environmental Conditions

- Operating temperature range: -50°C to +50°C
- IP20 dust and moisture protection

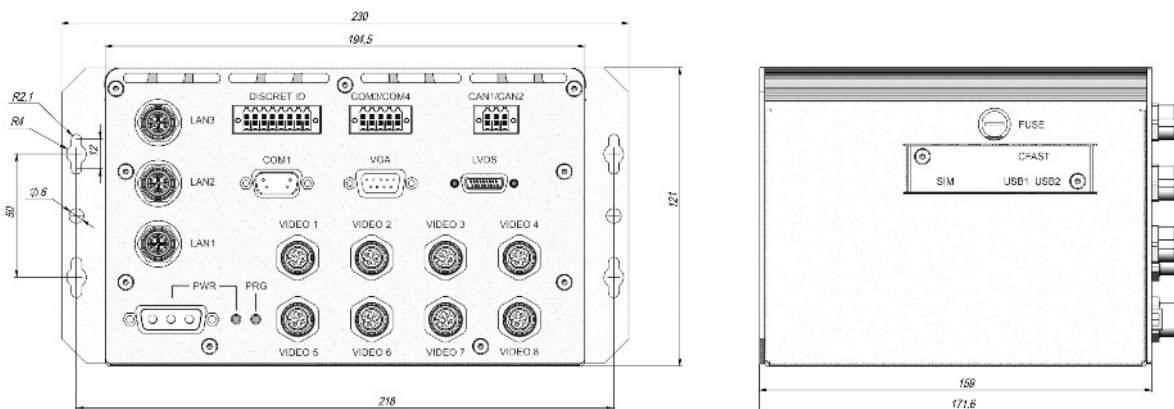
BUK01

BUK01 Digital Video Recorder

Application



Board Layout



Ordering Information

BK01 Configuration

Versions

BUK01 Intel Pine View M (D) 1.66 GHz,
Dual Core (D510), 2×USB 2.0, 3×Gigabit
Ethernet, 2×RS 422/485, 2×CAN, LVDS

Delivery checklist:

1. BUK01 Digital Video Recorder
2. Package

BUK01– rugged digital video recorder from Fastwel is fully configurable and can be customized according to the specific demands of your application.

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Product specifications are subject to change without notice

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