

BUP01 Digital Unit for Emergency Audio/Video Communication with Locomotive Driver



Features

- CPU: Freescale i.MX 6 Quad
- RAM: 2 GB
- Storage devices: CFast up to 64 GB; SDcard
- Interfaces: 1×USB 2.0; 1×GbEthernet; 1×CAN
- OS: Linux Ubuntu, preinstalled
- Operating temperature range: from -40°C to +50°C
- Shock/vibration resistance: 5g/5g
- IP41

Overview

BUP 01 is designed for the use as a unit for emergency communication from railway passenger cars with driver's cabin. Data is exchanged via Ethernet and CAN networks. All conversations are registered in the local records.

BUP02 – 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

System

- CPU: Freescale i.MX 6 Quad
- RAM: 2 GB
- Storage devices: CFast up to 64 GB; SDcard

Interfaces

- Interfaces: 1×USB 2.0; 1×GbEthernet; 1×CAN
- Video: 10 fps. 640×480, one-way communication (passenger car to driver's cabin)
- Audio: loudspeaker 4 w; two-way half-duplex communication

Supported OS

- Preinstalled Linux Ubuntu

Mechanical

- Operating temperature range: from -40°C to +50°C
- Storage temperature range: from -60°C to +50°C
- Vibration resistance: 5–150 Hz /5g
- Shock resistance: 5 g
- Dimensions: 75 × 130 × 195 mm
- Protection: IP41, front side

Power

- Power supply: 45–150 V
- Consumed power: 25 W

Ordering Information

BUP01 Configuration

BUP01 - 01

Versions

- 01 Digital Emergency Communication Unit; 1×USB, 1×CAN, 1×GbEthernet

BUP01 – Digital Emergency Communication Unit from Fastwel is fully configurable and can be customized according to the specific demands of your application

Delivery checklist

BUP01 delivery checklist contains:

1. BUP01 – Digital Emergency Communication Unit
2. Package

Corporate Offices

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READY FOR



RoHS

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Product specifications are subject to change without notice