Terminal LCD-10

Industrial control computer

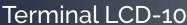## Terminal LCD-10

📋 Description of the device

Terminal LCD-10 is a multifunction device with an integrated touch screen and a central processing unit for visual and control **AWIA SDIP®** system (e.g. driver's timetable, passengers' counting, generating network messages such as warnings and alarms, displaying PFD files).

The device is also used for communication between the system and central server, as well as control over video monitoring system (selection of a camera or camera group with an on-screen keyboard). The device has got RFID proximity card reader allowing to identify drivers, control permissions to launch a vehicle and monitor working time.

Terminal LCD-10 is equipped with communication interfaces enabling direct connection to the CAN bus, RS232/RS458 ports, LAN network and communication with external devices in any communication protocol.

💾 Technical parameters

- ✓ Diagonal screen size: 260 mm (10,4")
- ✓ Image resolution: 1024x768
- ✓ Brightness: 500cd/m2
- ✓ Contrast: 14000:1
- ✓ Number of colors: 16,2M
- ✓ Supported interfaces: 1xUSB; 1xHDMI; 1xLAN; 1xMVB/RS485/232; 1xRS485/232; 1xCAN; 1xAudio
- ✓ Internal storage: RAM DDR3 1 GB
- ✓ Flash memory: 8GB, expandable
- ✓ Light intensity sensor
- ✓ Nominal supply voltage: +24 V DC
- ✓ Maximum power consumed by the device: 10W
- ✓ Viewing angle: 178°(H), 178°(V)
- ✓ Dimensions width/height/depth: 310 x 214 x 83,5 mm
- ✓ Operating temperature range -40˚C ÷ +60˚C

▦ Touch screen features

- ✓ Contamination resistance (exceeds the requirements of ASTM-F1598-96)
- ✓ Mohs hardness –7
- ✓ Display type: PCT - Projected Capacitive Technology (exceeds the requirements of ASTM-F1598-96)

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🗏 Compliance with standards

PN-EN 50155	Railway applications - Electronic equipment used in rolling stock
PN-EN 50121-3-2	Railway applications- Electromagnetic compatibility
PN-EN 45545-2+A1	Fire protection in rail vehicles
PN-EN 61373	Railway applications - rolling equipment- Testing of resistance to mechanical shock and vibration

ente

📍 7 Gaudiego Street
44-100 Gliwice

📞 +48 32 33 82 200
🖷 +48 32 33 82 210

✉ ente@ente.com.pl
🌐 www.ente.com.pl