



Terminal LCD-15

Industrial visual panel



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Description of the device

Terminal LCD-15 is a multifunction device with an integrated touch screen designed to display images from cameras installed in a vehicle. Terminal LCD-15 allows:

- ✓ automatic switch of a preview from internal cameras to side mirrors at the entrance of the station area,
- ✓ manual selection of any camera preview: internal, external, front, back or group of cameras,
- ✓ automatic switch of a preview from wagon's cameras in case of switching safety button, intercom or in the event of the occurrence of fire protection alarm.

Terminal LCD-15 is controlled by Ethernet bus, which allows communication, configuration, programming and diagnostics without having physical access to the panel.

Terminal LCD-15 is equipped with external light sensor whereby the brightness of displayed images depends of intensity of external lightning.



Technical parameters

- ✓ Diagonal screen size: 381 mm (15")
- ✓ Image resolution: 1024 x 768
- ✓ Brightness: 1000 cd/m2
- ✓ Contrast: 2500:1
- ✓ Number of colors: 16.7 M
- ✓ Supported interfaces: Ethernet, USB
- ✓ Internal storage: RAM DDR3 1 GB
- ✓ Flash memory: 8GB, expandable
- ✓ Nominal supply voltage: +24 V DC
- ✓ Maximum power consumed by the device: 57 W
- ✓ Viewing angle: 176° (H), 176° (V)
- ✓ Dimensions width/height/depth: 373,4 x 297,3 x 61 (64)
- ✓ Operating temperature range -35°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 on rolling stock
- PN-EN 50121-3-2** Railway applications- Electromagnetic compatibility Part 3-2: Rolling stock- Apparatus
- PN-EN 45545-2+A1** Fire Protection for rail vehicles Part 2: materials and elements on the combustion properties at HL1, HL2 and HL 3
- PN-EN 61373** Railway applications - rolling equipment

