

IMS15

15" Network Information Module



Features

- CPU: Freescale i.MX 6 Quad
- RAM: 1 GB
- Storage devices: CFast up to 64 GB; SDcard
- 15" display, 745 × 184 × 65 mm
- Resolution: 1024 × 768
- Brightness: 550 cd/m²
- EN50155 compliant

Overview

Rugged display module is used for displaying routing and promotional information in rail passenger cars. The module uses Ethernet network and requires no additional adapter units.

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

- Displaying route information as schedule
- Obtaining multimedia content from server
- Displaying promotional and informational content

System

- CPU: Freescale i.MX 6 Quad
- RAM: 1 GB
- Storage devices: CFast up to 64 GB, SDcard

Display

- Display size: 15"
- Resolution: 1024 × 768
- Aspect ratio: 4:3
- Brightness: 550 cd/m²
- Contrast ratio: 700:1
- Visibility angles: 80 vertically, 70 horizontally
- Display colors: 16,7 M
- Parameters adjusted from the front panel: brightness, contrast etc.

Software support

- Preinstalled OS: Linux 2.6

Mechanical

- Protection: IP41
- Interfaces: 1×USB 2.0; 1×GbEthernet
- Dimensions: 745 × 184 × 65 mm

Power

- Supply voltage: 43–160 V
- Power consumption: no more than 40 W

Environmental

- Operating temperature range: from –40°C to +50°C
- Storage temperature range: from –45°C to +60°C
- Vibration resistance: 5–150 Hz /3g
- Shock resistance: 5 g

Ordering Information

IMS15 Configuration

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Versions

01

CPU: Freescale i.MX 6 Quad, RAM 1GB, 15" rugged display, 1×GbEthernet, 1×USB, slot for CFast cards up to 64GB, slot for SDcards

IMS 15 – Network information module from Fastwel is fully configurable and can be customized according to the specific demands of your application.

Delivery checklist

IMS15 delivery checklist contains:

1. IMS15 – Network Information Module
2. Package

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Product specifications are subject to change without notice

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