IMS28 — 28" Network Information Module with Switching Function

Features

- CPU: Intel Atom E6xxT
- RAM: 1 GB
- Storage device, soldered: 4 GB
- Storage device, removable: CFast up to 64 GB
- 28" display size, 745 × 184 × 65 mm
- Resolution: 1366×256
- Brightness: 1000 cd/m^2
- EN50155 compliant

Overview

Rugged display module used for displaying routing and promotional information in passenger cars. The module obtains information via Ethernet, performs switch function, equipped with two audio channels for the connection of loudspeakers of warning system.

The device is designed for use in transport under conditions of adverse mechanical and electromagnetic effects in the wide range of environmental temperatures (EN50155). The module obtains information via Ethernet, performs switch function, equipped with two audio channels for the connection of loudspeakers of warning system.

Technical Specifications

General Information
- Displaying route information
- Displaying promotional content
- Obtaining multimedia content from server
- Output of audio information to the loudspeakers of passenger warning system
- Connection of up to 2 additional devices via Ethernet, including BUP01 "passenger-driver" type communication consoles
- Making announcements and communicating route information to passengers

System
- CPU: Intel Atom E6xxT
- RAM: 1 GB
- Storage device, soldered: 4 GB
- Storage device, removable: CFast up to 64 GB

Display
- Display size: 28"
- Resolution: 1366×256
- Aspect ratio: 16:3

- Brightness: 1000 cd/m^2
- Contrast ratio: 2000:1
- Visibility angles: 178 vertically and horizontally
- Display colors: 16,7 M

Software support
- Preinstalled OS: Linux 2.6

Mechanical
- Audio: amplifier 20 W; 2 channels
- Interfaces: 2×USB 2.0; 3×GbEthernet
- Dimensions: 745 × 184 × 65 mm

Power
- Supply voltage: 66–160 V
- Power consumption: no more than 35 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 /31g
- Shock resistance: 5g

Ordering Information

IMS28 Configuration

IMS28 - 01

Versions

01   CPU: Intel Atom E6xxT, RAM 1 GB, 28" rugged display, 3×GbEthernet, 2×USB; slot for CFast cards up to 64 GB

IMS28 – Network Information Module from Fastwel is fully configurable and can be customized according to the specific demands of your application

Delivery checklist

IMS28 delivery checklist contains:
1. IMS28 – Network Information Module
2. Package

Corporate Offices

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EN 50155 Compliance

ISO 9001:2008
EC.C.O.02.01.000823-12

READY FOR
RoHS