

ON-BOARD CONTROL INTERFACE BASIC

ON-BOARD PASSENGER INFORMATION SYSTEM



FEATURES

- Intuitive user guidance
- Installation in radio slot in accordance with ISO 7736
- Compact design



CUTTING EDGE DISPLAY CONTROL

The all-rounder, setting new standards. As a control master and protocol converter, the Basic control device directly connects several generations of destination displays and board computers. The connected devices can also easily be configured by the driver on request.

This control device was specifically developed to meet public transportation needs and understands all relevant standard as well as client-specific protocols. This also includes IBIS telegrams: an IBIS master is created from the Basic control device using an optionally interface card.

Thanks to our icenter all-in-one software solution, your timetable data is available to you locally or in the Luminator Cloud and can be updated via the air or with a USB stick. The Basic control device combines a compact size, extremely simple handling and extensive functionality so that you're equipped for all current and future technologies.

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TECHNICAL DATA

| | |
|------------------------------|--|
| Order Information | |
| LTG Switzerland GmbH | 07.01.01.17.378 |
| LTG Rastatt GmbH | 59548 / L5813A-IMO (with imotion-functionality) 59547 / L5813A (with LTG Rastatt GmbH-functionality, TEDplus) |
| Display | |
| Technology | LCD |
| Resolution | 64 pixels x 256 pixels |
| Computer | |
| Processor | ARM Cortex A8 |
| Memory | 4 GB (Flash) |
| RAM | 512 MB |
| Software | |
| Operating System | LINUX Debian 8/9 |
| Update | Via USB, IP, Ethernet (FTP, Azure) |
| Electrical Properties | |
| Operating Voltage | 24 VDC (9 - 32 VDC) |
| Power Consumption | 5 W (at 24 VDC) |
| Current Consumption | 200mA |
| Interfaces | |
| 24 VDC In | 1 (MCP) |
| Digital In | 5 (MCP) |
| Vehicle Signal | 1 (MCP) |
| Ignition In | 1 (MCP) |
| Ethernet | 1 (M12) |
| IBIS-Slave (VDV 300) | 1 (MCP) |
| MONO | 1 (MCP) |
| RS232 | 1 MCP (Add-on Product) |
| RS422 | 1 MCP (Add-on Product) |
| RS485 | 1 MCP (standard), 1 Add-on Product |
| USB | 1 |
| Mechanical Properties | |
| Weight | 600 g |
| Dimensions | 178 mm x 90 mm x 50mm |
| Environment | |
| Operating Temperature | -25 °C to +70°C |
| MTBF | Up to 100, 000 hours |
| Standards | |
| DIN EN 50121-3-2 | Compliant |
| ECE-R10 | Compliant |
| ECE-R118 | Compliant |
| Directive 2006/28/EC | Compliant |
| Directive 95/28/EC | Compliant |
| VDV-300 | Compliant |
| Access | |
| 2006/28/EG (EMV) | Compliant |

Disclaimer

Features and specifications are subject to change without notice. Properties relating to the Goods contained in this document do not constitute the product specifications but typical values for purposes of description only. February 2023

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| | |
|------------|-------------|
| Drawings | |
| 2D Outline | 07010301378 |

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