INFOTAINMENT DISPLAY STEEL 48,4"

ON-BOARD PASSENGER INFORMATION SYSTEM



FEATURES

- Reliable, durable, high image quality
- ITxPT compliant
- Maintenance-free



THE RIGHT SCREEN FOR EVERY USE

Each day, Luminator Technology Group's infotainment systems provide informational and promotional content to millions of people worldwide. And there's a good reason for that - at Luminator, we know how much our customers value energy-savings and operational efficiency. That's why our solutions combine durability, the best possible functionality and the greatest possible efficiency. With a variety of enclosures and connection combinations – we can satisfy a variety of applications. And if not, we will adapt the product for your needs regardless of where your buses are driving.

PARTICULARLY RESILIENT

Short-distance public transport puts a screen through its paces. Continuous operation, temperature changes and shocks are daily occurrences. Particularly when the screen will be under a lot of strain, operators shouldn't compromise on the choice of screen housing; they need reliability, operational safety and functionality they can count on. Steel Infotainment will meet all of your requirements. The practical steel design, easy-to-service structure and single-pane safety glass ensure durability and simple operation.



INFOTAINMENT DISPLAY STEEL 48,4" ON-BOARD PASSENGER INFORMATION SYSTEM

TECHNICAL DATA

| ITS4800-00.09-IS-AF-ITXPT | Order Information | | |
|--|--|--|--|
| Transport | LTG Rastatt GmbH | | |
| TUBECOTION TUB | | | |
| Name | LTG Sweden AB | | |
| Variant 2: Intel x86, Guad Core, 1.6 GHz Memory | Computer | | |
| | Processor | | |
| Variant 2: 4 GB DDR3L RAM Software Coperating System LINUX Display Technology TFIT/LCD Size 48.4 Inch Aspect Ratio 16.3 Color Depth True Color (16.7 million colors) Active Display Area 1.210 mm x 226 mm Resolution 1.220 mm x 226 mm Color Depth (without front-glass) Up to 1.600 cd/m² (Nits) - suitable for daylight Contrast Ratio (without front-glass) Max 8.00:1 Viewing Angle (without front-glass) Anti-reflective Backlight LED Front-glass Anti-reflective Electrical Properties Uperating Voltage 24 VDC (16.6 VDC - 32 VDC) Power Consumption Max 8.00 W (depending on the TFT-brightness) Interfaces 24 VDC in 1 x 6pin MCP-plug <th co<="" td=""><td>Memory</td><td></td></th> | <td>Memory</td> <td></td> | Memory | |
| Display TFL/LCD | RAM | | |
| Display Technology | Software | | |
| Technology TFT/LCD Size 48 A Inch Aspect Ratio 16:3 Color Depth True Color (16.7 million colors) Active Display Area 1.210 mm x 226 mm Resolution 1.920 x 358 (Full-HD x n) Color Depth (without front-glass) Up to 1.600 cd/m² (Nits) - suitable for daylight Contrast Ratio (without front-glass) Max. 8.000:1 Viewing Angle (without front-glass) 178° (h), 178° (v), expanded perspective Backlight LED Front-glass Anti-reflective Electrical Properties Very Consumption Operating Voltage 24 VDC (16.6 VDC - 32 VDC) Power Consumption Max. 80 W (depending on the TFT-brightness) Interfaces 1 x 6-pin MCP-plug 24 VDC In 1 x 6-pin MCP-plug Ethernet 1 x (M12) USB 1 x Weight 20,4 kg Dimensions 1,300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment 70.000 h Cooling Passive | Operating System | LINUX | |
| Size 48.4 Inch Aspect Ratio 16.3 Color Depth True Color (16.7 million colors) Active Display Area 1.210 mm x 226 mm Resolution 1.920 x 358 (Full+ID x n) Cotor Depth (without front-glass) Up 1.600 cd/m² (Nis) - suitable for daylight Contrast Ratio (without front-glass) Max. 8.000:1 Viewing Angle (without front-glass) Max. 8.000:1 Viewing Angle (without front-glass) Anti-reflective Backlight LED Front-glass Anti-reflective Electrical Properties Viewing Angle (without front-glass) Anti-reflective Electrical Properties View Consumption Max. 80 W (depending on the TFT-brightness) Interfaces 24 VDC (16.6 VDC - 32 VDC) View Consumption Anti-reflective USB 1 x 6-pin MCP-plug Tested of the plus of the TFT-brightness) Tested of the plus of the TFT-brightness) Weight 1 x M12 Augustation of the plus of th | Display | | |
| Size 48.4 Inch Aspect Ratio 16.3 Color Depth True Color (16.7 million colors) Active Display Area 1.210 mm x 226 mm Resolution 1.920 x 358 (Full+ID x n) Cotor Depth (without front-glass) Up 1.600 cd/m² (Nis) - suitable for daylight Contrast Ratio (without front-glass) Max. 8.000:1 Viewing Angle (without front-glass) Max. 8.000:1 Viewing Angle (without front-glass) Anti-reflective Backlight LED Front-glass Anti-reflective Electrical Properties Viewing Angle (without front-glass) Anti-reflective Electrical Properties View Consumption Max. 80 W (depending on the TFT-brightness) Interfaces 24 VDC (16.6 VDC - 32 VDC) View Consumption Anti-reflective USB 1 x 6-pin MCP-plug Tested of the plus of the TFT-brightness) Tested of the plus of the TFT-brightness) Weight 1 x M12 Augustation of the plus of th | Technology | TFT/LCD | |
| Aspect Ratio 16:3 Color Depth True Color (16:7 million colors) Active Display Area 1.210 mm x 226 mm Resolution 1.920 x 358 (Full-HD x n) Color Depth (without front-glass) Up to 1.600 cd/m² (Nits) - suitable for daylight Contrast Ratio (without front-glass) Max. 8.000:1 Viewing Angle (without front-glass) 178° (h), 178° (v), expanded perspective Backlight LED Front-glass Anti-reflective Electrical Properties Very C16.6 VDC - 32 VDC) Operating Voltage 24 VDC (16.6 VDC - 32 VDC) Power Consumption Max. 80 W (depending on the TFT-brightness) Interfaces 1 x (M12) USB 1 x (M12) USB 1 x (M12) USB 1 x (M12) Weight 20.4 kg Dimensions 1 .300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment ESG Environment For Cooling Passive EC-R10 (Bus, Electromagnetic Compatibility) Compliant | | | |
| Color Depth True Color (16.7 million colors) Active Display Area 1.210 mm x 226 mm Resolution 1.920 x 358 (Full-HD x n) Color Depth (without front-glass) Up to 1.600 cd/m² (Nits) - suitable for daylight Contrast Ratio (without front-glass) Max. 8.000:1 Viewing Angle (without front-glass) 178° (h), 178° (v), expanded perspective Backlight LED Front-glass Anti-reflective Electrical Properties Very Consumption Operating Voltage 24 VDC (16.6 VDC - 32 VDC) Power Consumption Max. 80 W (depending on the TFF-brightness) Interfaces 1 x (M12) USB 1 x (M12) USB 1 x (M12) USB 1 x (M12) Using 2.04 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment 70.000 h Cooling Passive Standards Compliant ECF-R10 (Bus, Electromagnetic Compatibility) Compliant ECF-R118 (fire resistanc | Aspect Ratio | | |
| Active Display Area 1.210 mm x 226 mm Resolution 1.920 x 358 (Full-HD x n) Color Depth (without front-glass) Up to 1.600 cd/m² (Nits) - suitable for daylight Contrast Ratio (without front-glass) Max. 8.000:1 Viewing Angle (without front-glass) 178° (h), 178° (v), expanded perspective Backlight LED Front-glass Anti-reflective Electrical Properties Operating Voltage Operating Voltage 24 VDC (16.6 VDC - 32 VDC) Power Consumption Max. 80 W (depending on the TFT-brightness) Interfaces 1 x (M12) USB 1 x Weight 1 x (M12) USB 1 x Weight 20,4 kg Dimensions 1,300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment To.000 h Cooling Passive Standards ECC-R10 (Bus, Electromagnetic Compatibility) Compliant ECF.R118 (fire resistance of materials used in buses) Compliant | | | |
| Color Depth (without front-glass) Up to 1.600 cd/m² (Nits) - suitable for daylight Contrast Ratio (without front-glass) Max. 8.000:1 Viewing Angle (without front-glass) 178° (h), 178° (v), expanded perspective Backlight LED Front-glass Anti-reflective Electrical Properties Very Consumption Operating Voltage 24 VDC (16.6 VDC - 32 VDC) Power Consumption Max. 80 W (depending on the TFT-brightness) Interfaces 1 x 6-pin MCP-plug Ethernet 1 x (M12) USB 1 x (M12) USB 1 x 4 g Mechanical Properties Weight 20.4 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment Environment MTBF 70.000 h Cooling Passive Standards ECR-R10 (Bus, Electromagnetic Compatibility) Compliant ECF-R118 (fire resistance of materials used in buses) Compliant | | 1.210 mm x 226 mm | |
| Contrast Ratio (without front-glass) Max. 8.000:1 Viewing Angle (without front-glass) 178° (h), 178° (v), expanded perspective Backlight LED Front-glass Anti-reflective Electrical Properties Power Consumption Max. 80 W (depending on the TFT-brightness) Interfaces Very Consumption 1 x 6-pin MCP-plug Ethernet 1 x (M12) USB 1 x Mechanical Properties Veight 20,4 kg Dimensions 1,300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment TO.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Resolution | 1.920 x 358 (Full-HD x n) | |
| Viewing Angle (without front-glass) 178° (h), 178° (v), expanded perspective Backlight LED Front-glass Anti-reflective Electrical Properties VAUC (16.6 VDC - 32 VDC) Power Consumption Max. 80 W (depending on the TFT-brightness) Interfaces Interfaces 24 VDC In 1 x 6-pin MCP-plug Ethernet 1 x (M12) USB 1 x Mechanical Properties X Weight 20,4 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment Sheet steel MTBF 70.000 h Cooling Passive Standards ECF-R10 (Bus, Electromagnetic Compatibility) Compliant ECF-R18 (fire resistance of materials used in buses) Compliant | Color Depth (without front-glass) | Up to 1.600 cd/m² (Nits) - suitable for daylight | |
| Backlight LED Front-glass Anti-reflective Electrical Properties 24 VDC (16.6 VDC - 32 VDC) Operating Voltage 24 VDC (16.6 VDC - 32 VDC) Power Consumption Max. 80 W (depending on the TFT-brightness) Interfaces 1 x 6-pin MCP-plug Ethernet 1 x (M12) USB 1 x Mechanical Properties Weight 20,4 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment ESG MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Contrast Ratio (without front-glass) | Max. 8.000:1 | |
| Front-glass Anti-reflective Electrical Properties Operating Voltage 24 VDC (16.6 VDC - 32 VDC) Power Consumption Max. 80 W (depending on the TFT-brightness) Interfaces 24 VDC In 1 x 6-pin MCP-plug Ethernet 1 x (M12) USB 1 x Mechanical Properties Weight 20,4 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Viewing Angle (without front-glass) | 178° (h), 178° (v), expanded perspective | |
| Electrical Properties Operating Voltage | Backlight | LED | |
| Operating Voltage 24 VDC (16.6 VDC - 32 VDC) Power Consumption Max. 80 W (depending on the TFT-brightness) Interfaces 24 VDC In 1 x 6-pin MCP-plug Ethernet 1 x (M12) USB 1 x Mechanical Properties Weight 20,4 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Front-glass | Anti-reflective | |
| Power Consumption Max. 80 W (depending on the TFT-brightness) Interfaces 24 VDC In 1 x 6-pin MCP-plug Ethernet 1 x (M12) USB 1 x Mechanical Properties Weight Weight 20,4 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment T0.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Electrical Properties | | |
| Interfaces 24 VDC In 1x 6-pin MCP-plug Ethernet 1x (M12) USB 1x Mechanical Properties Weight 20,4 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Operating Voltage | 24 VDC (16.6 VDC - 32 VDC) | |
| 24 VDC In 1x 6-pin MCP-plug Ethernet 1x (M12) USB 1x Mechanical Properties Weight 20,4 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Power Consumption | Max. 80 W (depending on the TFT-brightness) | |
| Ethernet 1 x (M12) USB 1 x Mechanical Properties Weight 20,4 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Interfaces | | |
| Weight 20,4 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R18 (fire resistance of materials used in buses) A g g | 24 VDC In | 1 x 6-pin MCP-plug | |
| Mechanical Properties Weight 20,4 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment T0.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Ethernet | 1 x (M12) | |
| Weight 20,4 kg Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | USB | 1 x | |
| Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Mechanical Properties | | |
| Dimensions 1.300 mm x 300 mm x 70 mm Housing Sheet steel Front-glass ESG Environment MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Weight | 20,4 kg | |
| Housing Sheet steel Front-glass ESG Environment MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Dimensions | | |
| Environment MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Housing | | |
| Environment MTBF 70.000 h Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | Front-glass | ESG | |
| Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | | | |
| Cooling Passive Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | MTBF | 70.000 h | |
| Standards ECE-R10 (Bus, Electromagnetic Compatibility) Compliant ECE-R118 (fire resistance of materials used in buses) Compliant | | | |
| ECE-R118 (fire resistance of materials used in buses) Compliant | | | |
| ECE-R118 (fire resistance of materials used in buses) Compliant | ECE-R10 (Bus. Electromagnetic Compatibility) | 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. January 2021

