

INFOTAINMENT DISPLAY SMART 2X18.5" IN FULL-HD

ON-BOARD PASSENGER INFORMATION SYSTEM



FEATURES

- High image quality in Full-HD resolution
- With brightness-sensor and dimming-function
- Elegant aluminum profile



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.

OUR MOST POPULAR SCREEN SOLUTION

What makes Smart Infotainment so smart is its versatility. This screen has been installed in a wide variety of different vehicles all around the globe and will doubtlessly continue to be one of our most-used screens. Whether you just want to display information or would like to include promotional videos: Smart Infotainment is reliable, simple to operate and can be easily integrated into the vehicle.

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TECHNICAL DATA

Order Information	
Order Number Lawo	Slave: 101-1188 / ITS18B7F-00.0A-HS IP/Ethernet: 130-5158 / ITS38B7I4-00.0A-HS IP/Ethernet plus 256 GB Flash: 130-5160 / ITS38B7I4-00.0A-HS-256GB Compact: 130-xxxx / ITS38B7L4-00.0A-HS
Order Number Mobitec Sweden	Slave: 101-1188 / TH10S0210-100 IP/Ethernet: 130-5159 / TH11C0310-100 (ITS38B7I4-00.0A-HS-MOB) IP/Ethernet plus 256 GB Flash: 130-5161 / TH11C0311-100 (ITS38B7I4-00.0A-HS-256GB-MOB)
Display	
Technology	TFT/LCD
Size	2 x 18.5"
Aspect Ratio	2 x 16:9
Color Depth	True Color (16.7 million colors)
Active Display Area	2 x 409 mm x 230 mm
Resolution	2 x 1.920 x 1.080 (2 x Full-HD)
Brightness (without front-glass)	Max. 500 cd/m ² (Nits)
Contrast Ratio (without front-glass)	Max. 1.000:1
Viewing Angle (without front-glass)	178° (h), 178° (v), ultra-wide viewing
Backlight	LED
Computer	
Processor	x86: Intel Atom® x5-E3930
Memory	8 GB (Flash) eMMC
RAM	4 GB
Software	
Operating System	LINUX Debian 10
Applications	icenter AccessWeb InfoTED Mset
Update	manually via USB automated via IP/Ethernet - e.g. FTP-Services
Electrical Properties	
Operating Voltage	24 VDC (16.8 VDC - 32 VDC)
Power Consumption	max. 60 W
Current Consumption	max. 2.5 A at 24 VDC
Reverse polarity protection	Yes
Interfaces	
Power in	15-pin MCP
STOP-Signal	1 x (only Compact variant)
Ethernet	1 x M12 (only IP/Ethernet and Compact variant)
IBIS-Slave (VDV 300)	1 x (only Compact variant)
USB	1 x (only IP/Ethernet and Compact variant)
Video Input	2 x DVI-D (only Slave variant)
Audio out	1 x (only Compact variant)

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. November 2023

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Mechanical Properties	
Weight	approx. 12 kg
Housing Dimensions	905 mm x 300 mm x 69 mm
Housing Type	Aluminum profiles
Housing Finishing	Anodized aluminum
Housing Color	Champagne
Front glass	ESG
Environment	
Operating Temperature	- 20°C to 50°C
Storage Temperature	- 20°C to 70°C
MTBF	50'000 hrs
Ingress Protection	IP30
Cooling	Passive
Standards	
ECE-R10 (Electromagnetic Compability)	Compliant
ECE-R118 (fire resistance of materials used in buses)	Compliant
ITxPT	Compliant (only IP/Ethernet and Compact variant)
VDV-300	Compliant (only Compact variant)
VDV-301	Compliant (only IP/Ethernet and Compact variant)
E-mark number	E1:10R-057347
Drawings	
2D Outline	Slave: ITS18B7F-00.0A-HS_TH10S0210-100.pdf IP/Ethernet: ITS38B7I4-00.0A-HS_TH11C031x-100.pdf

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