

INFOTAINMENT DISPLAY SMART 18.5"

ON-BOARD PASSENGER INFORMATION SYSTEM



FEATURES

- Reliable, durable, high image quality
- Elegant aluminum profile
- Easy to service, 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.

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	
LTG Switzerland GmbH	imotion TFT.slave / imotion TFT.compact
LTG Rastatt GmbH	SMART-Design Slave - IP/Ethernet - Compact
LTG L AB	MobiSCREEN
Display	
Technology	TFT/LCD
Size	18.5 Inch
Aspect Ratio	16:9
Color Depth	True Color (16.7 million colors)
Active Display Area	410 mm x 230 mm
Resolution	1.366 x 768 (WXGA)
Brightness (without front-glass)	500 cd/m ² (Nits)
Contrast Ratio (without front-glass)	Max. 1.000:1
Viewing Angle (without front-glass)	178° (h), 178° (v), expanded perspective
Backlight	LED
Software	
Operating System	Linux
Electrical Properties	
Operating Voltage	24 VDC (16.8 VDC - 32 VDC)
Power Consumption	Approx. 20 W
Interfaces	
Audio out	1 x (only Compact variant)
DVI-D In	1 x (only Slave variant)
Displayport (DP) In	1 x (only Slave variant)
Ethernet	1 x (M12)
IBIS-Slave (VDV 300)	1 x (only Compact variant)
USB	1 x (USB 2.0)
Car Hold Signal	1 x (only Compact variant)
Mechanical Properties	
Weight	6.5 kg
Dimensions	470 mm x 300 mm x 67 mm
Material	Anodized aluminum
Cooling	Passive
Environment	
Operating Temperature	-25 °C to +70°C
MTBF	70.000 h
Shock Resistance	IP20
Standards	
ECE-R10 (Electromagnetic Compatibility)	Compliant
ECE-R118 (fire resistance of materials used in buses)	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