INFOTAINMENT DISPLAY V 2X21.5"
ON–BOARD PASSENGER INFORMATION SYSTEM

FEATURES

- Reliable, durable, high image quality

- Fanless

- Easy to service, maintenance-free

TRIED AND TESTED THOUSANDS OF TIMES

V-Design Infotainment is the most-installed Luminator Technology Group's display for regional trains. It's simple to operate and easy to install. Whether you want to display only journey information or add other content, the IPS technology provides a wide viewing angle and the TFT technology with an LED backlight and Full HD resolution ensures a bright display of texts, graphics, images or video (e.g. network maps, symbols for changing trains, current announcements or advertisements). The low power consumption saves on electricity and the ESG protective screen ensures protection for demanding day-to-day operation. You see you can always rely on V-Design.

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TECHNICAL DATA

Order Information	
LTG Rastatt GmbH	IT3212T-01.1E IT321AS-01.2H
Display	
Technology	TFT/LCD
Size	2 x 21.5 Inch
Aspect Ratio	2 x 16:9
Color Depth	True Color (16.7 million colors)
Active Display Area	2 x 477 mm x 268 mm
Resolution	2 x 1.920 x 1.080 (Full-HD)
Brightness (without front-glass)	Approx. 300 cd/m² (Nits)
Contrast Ratio (without front-glass)	Max. 5.000:1
Viewing Angle (without front-glass)	178° (h), 178° (v), expanded perspective
Backlight	LED
Computer	
Processor	ARM Cortex A9, i.MX6, 800 MHz
Memory	8 GB eMMC
RAM	1 GB DDR3 RAM
Software	
Operating System	Linux
Electrical Properties	
Operating Voltage	24 VDC (16.8 VDC - 32 VDC)
Power Consumption	Approx. 45 W
Interfaces	
24 VDC In	1 x CPC 24-pole
Adress Encoding	1 x CPC 24-pole, 4 Bit
Vehicle Signal	3 x CPC 24-pole, Vehicle Stops - Exit-indicator right / left
Ethernet	1 x / 2 x (M12, Daisy-Chaining with Failsafe-Modus)
IBIS Slave (VDV 300)	1 x CPC 24-pole
USB	1 x (USB 2.0)
Mechanical Properties	
Weight	Approx. 18 kg
Dimensions	Approx. 663 mm x 273 mm x 484 mm (depends on version)
Housing	Aluminum-housing
Finishing	Powder coating
Color	RAL 7035 - light grey, RAL 9006 - white aluminum
Environment	
Operating Temperature	-20°C to +50°C
Storage Temperature	-20°C to +60°C
MTBF	50.000 h
Cooling	Passive
Standards	
DIN EN 45545-2	Compliant
DIN EN 50121-3-2	Compliant
DIN EN 50155	Compliant
TSI	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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