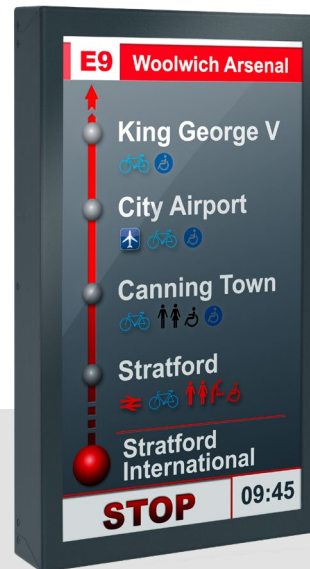# INFOTAINMENT DISPLAY BASIC 18.5"
ON-BOARD PASSENGER INFORMATION SYSTEM

FEATURES

- Reliable, durable, high image quality

- TSI 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.

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INFOTAINMENT DISPLAY BASIC 18.5"
ON–BOARD PASSENGER INFORMATION SYSTEM

TECHNICAL DATA

Order Infromation	
GORBA	27.89.53.04.306
LTG Rastatt GmbH	IT381I-26.1A_MASTER-IMO IT381IA26.1I_MASTER IT381I-26.1I_SLAVE
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)	Approx. 400 cd/m² (Nits)
Contrast (without front-glass)	Max. 1.000:1
Viewing Angle (without front-glass)	176° (h), 176° (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
ElectricalProperties	
Operating Voltage	110 VDC (77 bis 137.5 VDC)
Power Consumption	Approx. 20 W (Slave: approx. 10 W)
Interfaces	
CPC-In	1 x 7-pin (110 VDC with external addressing)
Ethernet	2 x (M12, Daisy-Chaining with Failsafe-Modus)
USB	1 x (USB 2.0)
DSub-Out	1 x 25-pin (12 VDC und LVDS) to the Slave-Monitor
Mechanical Properties	
Weight	Approx. 6.6 kg
Dimensions	460 mm x 270 mm x 60 mm
Housing-material	Stainless steel
Finishing	Powder coating
Color	RAL 9005 - deep-black, RAL 9011 - graphite - black
Environment	
Operating Temperature	0 °C to +45 °C
Storage Temperature	-20°C to +60°C
MTBF	70.000 h
Cooling	Passive

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ON-BOARD PASSENGER INFORMATION SYSTEM

TECHNICAL DATA

Standards	
DIN EN 50121-3-2 (Railway, EMV)	Compliant (CE)
DIN EN 50155 (Railway)	Compliant
DIN 5510-2 (Railway, fire protection)	Compliant (BSS 2)
DIN EN 45545-2 (Railway, fire protection)	Compliant (HL 2)
DIN EN 61373 (Railway, mechanical load capacity)	Compliant (category 1, category B)
NF F 16-101 (Railway, fire protection)	Compliant
NF F 16-102 (Railway, fire protection)	Compliant

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