

INFOTAINMENT DISPLAY SMART NX 18.5" 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. 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 Luminator	130-5566 / QJT.TSHC.181FA09050.01
Display	
Technology	TFT/LCD
Size	18.5 Inch
Aspect Ratio	16:9
Color Depth	True Color (16.7 million colors)
Active Display Area	409 mm x 230 mm
Resolution	1.920 x 1.080 (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
Computer	
Processor	Basic: ARM Cortex-A53 i.MX8 dual-core Premium: Intel Atom x5 dual-core
Memory	8GB (Flash) eMMC
RAM	Basic: 2 GB Premium: 4 GB
Software	
Operating System	LINUX Debian 10
Applications	Luminator Suite
Update	manually via USB or Remote via Luminator Suite
Electrical Properties	
Operating Voltage	24 VDC (16.8 VDC - 32 VDC)
Power Consumption	max. 42 W
Interfaces	
Car Hold Signal	1 x
Ethernet	2 x M12
IBIS-Slave (VDV 300)	1 x
USB	1 x
RS485	1 x
Ignition	1 x
Mechanical Properties	
Weight	6 kg
Housing Dimensions	470 mm x 300 mm x 67 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	70'000 hrs
Cooling	Passive

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. October 2023

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Standards	
ECE-R10 (Electromagnetic Compability)	Compliant
ECE-R118 (fire resistance of materials used in buses)	Compliant
ITxPT	Compliant (with cable adapter)
VDV-300	Compliant
VDV301	Compliant

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