

DESTINATION DISPLAY BENEFIT

ON-BOARD PASSENGER INFORMATION SYSTEM



FEATURES

- Extra high contrast
- Light aluminum profile housing
- Sensor-controlled brightness adjustment



THE LIST OF BENEFITS IS LONG

Combining outstanding functionality with durability, the Benefit display has a lot to offer – and for a long time. At the top of this product's list of features is the pane of glass, which expands the viewing angle, improves the active text format and protects the LEDs from external influences.

The Solar Control layer reflects heat radiation, preventing excessive temperatures behind the pane of glass and considerably increasing the durability of the LEDs. And in order to improve the optical properties, the LEDs are kept in the shade line-by-line by slats when there is direct sunlight.

Moreover, Benefit offers all the features to be expected of a modern LED display for rail operation: energy efficiency, compatibility with all interfaces and protocols, simple installation and programming. And that's not all: just click on "Features" and the list goes on ...

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TECHNICAL DATA

Display			
Technology	SMD-LED		
Color Depth	Amber or White		
Active Display Area	See chart		
Brightness (without front-glass)	5000 cd/m ² (max, White), 3000 cd/m ² (max, Amber)		
Addressing	External selectable through bridges in the mating connector		
Standard Display			
Resolution (pixel)	Color	Pitch (mm)	Displaysize (mm)
32x144	White	7,9 x 6,2 mm	252 x 893
26x192	White or Amber	6 mm	156 x 1152
26x144	White or Amber	6 mm	156 x 864
26x48	White or Amber	6 mm	156 x 288
16x128	Amber	7,5 mm	120 x 960
16x112	Amber	9,6 mm	154 x 1075
Software			
Applications	InfoTED, TEDplus		
Update	Via USB or Ethernet (FDP)		
Electrical Properties			
Operating Voltage	24 VDC or 110 VDC		
Power Consumption	Depends on the display, e.g. Type. 48W for the 26x144		
Interfaces			
Ethernet	2x (M12 Connector, Daisy Chain, Fail Safe)		
IBIS (VDV 300)	1 x		
Environment			
Operating Temperature	-40 °C – 70°C (TX)		
Storage Temperature	-40 °C to +85°C		
MTBF	80'000 h		
Standards			
DIN EN 45545-2 (x)	Compliant		
DIN EN 50121-3-2 (x)	Compliant		
DIN EN 50155 (x)	Compliant		
TSI (x)	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