

E-PAPER DISPLAY, 13 INCH

PASSENGER INFORMATION STATIONARY



OPTIONALLY
AVAILABLE

FEATURES

- Most modern display technology
- Real-time information at all stops, regardless of the power grid
- Accessibility through text-to-speech announcements



REAL-TIME INFORMATION AND MORE

The display is equipped with a button that make it possible for you to scroll between different contents. For example, a page with real-time departures can be displayed as a standard-content, additional informations can be accessed by pressing the button (e.g. target timetables, line network plans, map sections, etc.). Acoustic announcements (text-to-speech) guarantee accessibility and LED lighting ensures good readability at night. Layouts can be selected and special reports can be entered using the associated background software.

INDEPENDENT OF THE POWER GRID

The power can be supplied via a solar module with a built in storage battery. That makes the indicator independent of the standard power grids. Indicators and solar cells can be mounted on existing structures like masts, walls, bus shelters, etc. with little effort. That means minimal costs for the infrastructure. Thanks to cutting edge technology the indicator works at every location under the open sky as well as in the shade.

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TECHNICAL DATA

Display	
Technology	E-Paper Display
Aspect Ratio	3:4
Color Depth	4 Gray scales
Contrast Ratio	> 10 : 1
Active Display Area	202,8 mm x 270,4 mm
Resolution	1200 x 1600 pixels
Brightness Control	LED lighting for night operation is triggered by motion detectors
Display Surface	Laminated safety glass, mirrored on both sides, with integrated IR and UV protection
Audio	
Language	Acoustic announcements are possible in 19 different languages
Level	The volume of the acoustic announcements (text-to-speech) is adjustable (Day-night-volume profiles)
Audio Trigger	External mechanical button with integrated loudspeaker
Electrical Properties	
Operating Voltage	12 VDC (5V - 14V DC)
Power Consumption	Average 500 mW, depending on the operating mode
Solar Power Supply	20 watt solar module, storage battery capacity either 128 Wh or 576 Wh
Interfaces	
12 VDC In	12 VDC input on the indicator, 5-pin circular connector
Text-to-speech button	Connection for external button with integrated loudspeaker
Cellular	Data transmission via 4G cellular modem
Mechanical Properties	
Weight	Indicator 5 kg, Add-0solar module 6 kg (128 Wh) or 10,5 kg (576 Wh)
Dimensions	Indicator 298 mm x 376 mm x 68 mm, Solarmodul 481 mm x 345 mm x 190 mm
Housing	Robust housing made of aluminum
Finishing	Powder coated
Color	All RAL colors available
Front Glass	Laminated safety glass with anti-reflective coating on both sides with IR and UV protection filters
Mouting	Wall or pole mounting, various brackets available
Environment	
Operating Temperature	-15°C to 40°C Ambient temperature with simultaneous exposure to sunlight
Storge Temperature	-25°C to 70°C
Ingress Protection	IP54
Cooling	Internal fan
Permits	
CE	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. October 2020