

E-PAPER DISPLAY, 32 INCH

PASSENGER INFORMATION STATIONARY



OPTIONALLY AVAILABLE

FEATURES

- State of the art display technology
- Real-time departure information at all transit stops, independent of the power grid
- Text-to-speech conversion ensures accessibility for the visually impaired



MORE THAN JUST INFORMATION ON DEPARTURE TIMES

The display can be installed in portrait or in landscape - mode and features a push button that enables scrolling between different pages of high resolution screen content. For example, we can configure the default page to show real-time departure information. When the button is pressed, travellers can access additional content like overview schedules, maps, ticketing information, etc.

Text-to-speech conversion provides accessibility for the visually impaired.

Screen content and layouts can be managed via the corresponding background software.

INDEPENDENT OF THE POWER GRID

The displays can be powered via a solar power module with a built-in storage battery.

Thus travellers can be provided with real-time travel information at stops which are not connected to the power grid.

Displays and solar power kits can be mounted onto existing structures like poles, walls, bus shelters, etc. with little effort. That means minimal costs for the infrastructure.

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TECHNICAL DATA

Display	
Technology	E-paper display
Screen Size	31,2 inch
Aspect Ratio	16:9
Color Depth	4 levels of grayscale
Contrast Ratio	> 10:1
Active Display Area	388,8 mm x 691,2 mm
Resolution	1440 x 2560 pixels
Brightness Control	LED lighting for nighttime operation is triggered by motion sensor
Audio	
Language	Text-to-speech conversion is possible in 19 different languages
Level	Volume of text-to-speech announcements is adjustable (day-night volume profiles)
Audio Trigger	External push button with integrated speaker
Electrical properties	
Operating Voltage	12V DC (5V - 14V DC)
Power Consumption	Depends on mode of operation, in average 0,6 W
Solar power supply	30 W solar panel, capacity of storage battery is either 128 Wh or 576 Wh
Interfaces	
Power In	12V DC, 5-pin circular connector
Cellular	Data transmission via 4G cellular modem
Text-to-speech button	5-pin circular connector for text-to-speech button with integrated speaker
Mechanical properties	
Weight	E-paper display: 20 kg, optional solar power kit 10,5 kg
Housing Dimensions	E-paper display: 490 mm x 800 mm x 68 mm, solar power kit: 500 mm x 345 mm x 190 mm
Housing Type	Robust housing made of aluminum
Housing Finishing	Powder coated
Housing Color	All RAL colors available
Front glass	Laminated safety glass with anti-reflective coating on both sides, IR- and UV-protection filters
Mounting	Wall or pole mounting from behind, various brackets available
Environment	
Operating Temperature	-15°C to 40°C ambient temperature and simultaneous exposure to sunlight
Storage Temperature	-25°C to 70°C
Ingress Protection	IP54
Impact Protection	IK10+
Cooling	Internal fans
Standards	
CE	Compliant
Drawings	
2D Outline	e.g. 62393 (color RAL 7037)

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