

OUTDOOR LED SIGN, 192 X 64 PIXELS, DOUBLE SIDED

PASSENGER INFORMATION STATIONARY



FEATURES

- Highly reliable under outdoor conditions
- Excellent readability when exposed to direct sun
- Optionally available with built-in loudspeakers for audio announcements



IDEAL FOR OUTDOOR USAGE EVEN UNDER MOST DEMANDING CONDITIONS

Due to the high luminance, the display is always easy to read, even under most demanding ambient conditions.

The integrated automatic dimming function ensures optimum screen brightness at all times and helps to minimize power consumption. Our sophisticated thermal management ensures a wide operating temperature range.

The display is highly reliable and easy to maintain.

ACCESSIBILITY FOR THE VISUALLY IMPAIRED

As an upgrade option the display can be enhanced with a text-to-speech conversion function in order to ensure accessibility for the visually impaired. Numerous setting options (volume adjustments, language and pronunciation, etc.) are available for text-to-speech audio announcements and it is also possible to create acoustic signals for wayfinding.

Text-to-speech announcements are typically triggered by a rugged external push button that also contains the speaker for audio output. As an upgrade option, speakers can also be integrated into the display housing.

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TECHNICAL DATA

Display	
Technology	LED display, double-sided
Color Depth	Monochrome, white or amber LEDs
Active Display Area	806,4 mm x 268,8 mm
Resolution	192 x 64 pixels
Pixel pitch	4,2 mm
Brightness Control	Display brightness is automatically adjusted according to ambient lighting conditions
Audio	
Language	More than 30 different languages available for text-to-speech announcements (male and female voices).
Live announcements	Optional upgrade enables live announcements from the control center.
Level	Automatic volume adjustment based on time of day is possible, with upgrade: volume adjustment based on volume level of ambient noise
Audio Trigger	Text-to-speech announcements are triggered via push button. Button contains integrated speaker (for output of announcements) and Braille inscription. As an option sign can be equipped with built-in loudspeakers for output of audio announcements.
Anti Vandalism	
Sensorpackage	As an option, sign can be equipped with sensors for detection of vandalism
Computer	
Processor	Intel Gemini Lake dual-core 2,7 GHz (optional quad-core 2.8 GHz)
Memory	At least 64 GB (SSD)
RAM	4 GB
Software	
Operating System	Windows 10 IoT, optional Linux Debian 10
Applications	Software backoffice: PaCIM software suite
Update	Remote software updates possible
Electrical properties	
Operating Voltage	90-250 V AC
Power Consumption	Maximum power consumption at maximum display brightness and all pixels active: 624 W
IEC protection classes	Protection against electric shock (IEC 61140): class I, optional upgrade to class II
Interfaces	
Wifi	Optional
Cellular	LTE Cat3 with 2G Fallback
Ethernet	Gbit Ethernet RJ45
Mechanical Properties	
Weight	Sign without loudspeakers: 50 kg Sign with loudspeakers: 55 kg
Dimensions	Sign without loudspeakers: 950 mm x 500 mm x 159 mm Sign with loudspeakers; 1110 mm x 500 mm x 159 mm
Housing	Aluminum housing
Finishing	Powder coated
Color	All RAL colors available
Front glass	Laminated glass 2 x 3mm (one side etched), more options available on request
Mounting	Mounting from top and/ or side of housing. Different poles available.

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

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Environment	
Operating Temperature	-30°C to 50°C ambient temperature when exposed to direct sun -30°C to 65°C ambient temperature without exposure to direct sun
Storage Temperature	-30°C to 70°C ambient temperature
Relative Humidity	95%
Ingress Protection	IP55
Drawing	
2D Outline	Sign with loudspeaker, color RAL DB703: drawing 62352.MB Sign without loudspeaker, color RAL DB703: drawing 62440.MB

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