

OUTDOOR TFT KIOSK, 46 INCH

PASSENGER INFORMATION STATIONARY



FEATURES

- Highly reliable under outdoor conditions
- Very high brightness (excellent sunlight readability)
- Maintenance-free operation



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, easy to maintain and enables display of much more than just real-time departure information (e.g. videos, city marketing, event notes, etc.). There are many mounting options.

ACCESSIBILITY FOR THE VISUALLY IMPAIRED

The display is also available as a version that contains 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 triggered by a rugged push button and played back via a speaker that is included in the housing.

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TECHNICAL DATA

Product ordering information	
Order number Germany (Ulm)	order number depends on housing color
Stationary Display	
Technology	TFT Display
Aspect Ratio	16:9
Image Diagonal	46 inch
Colour Depth	16,7 million colors
Contrast Ratio	4000:1
Active Display Area	1019 mm x 573 mm
Resolution	Full HD (1920 x 1080)
Luminance	2500 cd/m ²
Brightness Control	Display brightness is automatically adjusted according to ambient lighting conditions
Viewing Angle	89° from all directions (without cover glass)
Backlight	Direct LED backlight (LED matrix behind TFT panel)
Display Response Time	8 ms
Refresh Rate	60 Hz
Glass	Display surface with anti-reflective coating
Audio	
Language	More than 30 different languages available (male and female voices)
Technology	The TFT kiosk is available with a text-to-speech conversion function
Levels	Automatic volume adjustment based on time of day is possible, with upgrade: volume adjustment based on volume level of ambient noise
Push button	Audio announcements are triggered via push button. Loudspeaker can be integrated into the housing
Anti Vandalism	
Sensor system	Sensors for detection of glass breakage, vibration, door opening and water ingress available as upgrade option
Computer	
Processor	Intel Gemini Lake dual-core 2,7 GHz
Memory	Minimum 64 GB
Ram	4 GB
Software	
Operating system	Windows 10 IoT or 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: 413 W As an upgrade option kiosk can be equipped with an air conditioning unit. In this case power consumption will increase
IEC protection classes	Protection against electric shock (EN 61140): class I
Interfaces	
WLAN	Available as upgrade option
Mobile	LTE Cat3 with 2G fallback, when no LTE is available
Ethernet	Gbit Ethernet RJ45

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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Mechanical properties	
Weight	190 kg
Dimensions	720 mm x 1740 mm x 155 mm (Standard version without button and loudspeaker for text-to-speech output.) 820 mm x 1740 mm x 160 mm (Version with button and loudspeaker for text-to-speech output.)
Housing	Stainless steel
Finishing	Powder coated
Housing colors	All RAL colors available
Front Glass	Laminated safety glass with high-quality anti-reflective coating on both sides, different glass variants available
Environment	
Operating temperature	-30°C to 45°C ambient temperature when exposed to direct sunlight (values apply to IP55 housing)
Storage temperature	-30°C to 70°C ambient temperature
Ingress Protection	IP55, optional IP65
Impact Protection	Front glass: IK09, reinforced glass: >IK10
Cooling	Fans generate air circulation inside housing

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