OUTDOOR TFT MONITOR, 55 INCH

PASSENGER INFORMATION STATIONARY

Mittwoch, 05.02.2020, 08:50 Uhr — HORB am Neckar

	Linie	Richtung	Gleis/Steig	Abfahrt
RB	RB	Rottenburg Bahnhof	Gleis 5	1 min
RB	RB	Pforzheim Hauptbahnhof	Gleis 1	2 min
BUS	7403	Sulz (Neckar) Bf/Post	3	9 min
BUS	7401	Horb Südring Forchenhain	7	21 min
IC	IC	Zürich HB	Gleis 2	25 min
RE	RE	Singen (Htw) Bahnhof	Gleis 2	25 min
RE	RE	Rottweil Bahnhof	Gleis 2	29 min

Herzlich willkommen in Horb am Neckar

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

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.

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TECHNICAL DATA

Display	
Technology	TFT Display
Aspect Ratio	16:9
Screen Diagonal	55 Inch
Color Depth	True Color (16.7 millions colors)
Contrast Ratio	5000:1
Active Display Area	1209,6 mm x 680,4 mm
Resolution	Full HD (1920 pixels x 1080 pixels)
Brightness	Maximum 2500 cd/m²
Brightness Control	The display luminance is automatically adjusted to the ambient brightness
Viewing Angle	89° from all directions (without cover glass)
Backlight	Direct LED matrix backlight
Display Response Time	6 ms
Refresh Rate	120 Hz
Display Surface	The display surface is anti-reflective

Audio	
Language	Available in more than 30 languages
Technology	As an upgrade option the display can be enhanced with a text-to-speech conversion function
Level	Automatic adjustment of the volume to the time of day or the intensity of the ambient noise
Audio Trigger	Text-to-speech announcements are typically triggered by an external push button that also contains the speaker for audio output

Anti Vandalism	
Sensorpackage	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 SSD
RAM	4 GB

Software	
Operating System	Windows 10 IoT or Linux Debian 10
Applications	PaCIM software suite for data supply and administration
Update	Software can be updated remotely

Electrical Properties	
Operating Voltage	90-250 V AC
Power Consumption	Maximum power consumption at maximum display brightness: 571 W
IEC Protection Classes	Protection class I according to EN 61140 is standard, optionally available protection class II

Interfaces	
WLAN	Available as upgrade option
Cellular	LTE Cat3 with fallback to anstatt relapse on 2G, if no LTE is available
Ethernet	Gbit Ethernet RJ45

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TECHNICAL DATA

Mechanical Properties	
Weight	80 kg
Dimensions	1375 mm x 839 mm x 175 mm
Housing	Aluminum casing
Finishing	Powder coating
Color	All RAL colors available
Front Glass	Laminated safety glass with high-quality anti-reflective coating on both sides, different glass variants available
Mounting	Mounting from top or rear side, customized solutions possible
Environment	
Operating Temperature	-30°C to 45°C Ambient temperature with simultaneous exposure to sunlight -30°C to 65°C Ambient temperature without direct sunlight
Storage Temperature	-30°C to 70°C
Ingress Protection	IP55
Impact Protection	Standard glass: IK09, reinforced glass: >IK10
Cooling	Internal fans create air circulation within the housing. An additional fan exhausts hot air from the housing only in the case of very hot temperatures
Drawings	
2D Outline	z.B. 62228.MB (RAL 9006 / RAL 5022)

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