

STRETCHED TFT MONITOR (ZIM WIDE), MASTER

PASSENGER INFORMATION STATIONARY



FEATURES

- Highly reliable under outdoor conditions
- Automated operations monitoring
- Low weight



RELIABLE AND ROBUST PLATFORM MONITOR FOR PASSENGER INFORMATION

In spite of their robustness, the monitors are characterized by a relatively low weight. That means that existing poles or brackets can often be reused when replacing existing units, without the need for new static calculations.

Screen brightness is automatically adjusted to the ambient conditions in order to always ensure good readability combined with a moderate power consumption.

An integrated sensor package enables automated monitoring of the operating status and detection of vandalism.

DOUBLE-SIDED INSTALLATION OF MASTER AND SLAVE MONITOR ALSO POSSIBLE

The master monitor shown here can also be combined with a matching slave monitor (identical in design, but without integrated PC). The two devices are then typically mounted back to back, so that the departure information for a particular platform can be read from two opposite directions.

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TECHNICAL DATA

Display	
Technology	TFT Display
Aspect Ratio	16:4,5
Screen Size	49,5 Zoll (stretched)
Color Depth	16,7 million colors
Color Depth	1500:1
Active Display Area	1209,6 mm x 338,9 mm
Resolution	1920 pixels x 538 pixels
Pixel Pitch	0,63 mm x 0,63 mm
Brightness	Up to 1000 cd/m ²
Brightness Control	The display brightness is automatically adjusted to the ambient brightness
Viewing Angle	89° from all directions (without cover glass)
Backlight	LED backlight
Display Response Time	8 ms
Refresh Rate	60 Hz
Glass	The display surface is anti-reflective
Audio	
Language	Text-to-speech conversion 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, mechanical shock, door opening and water ingress available as upgrade option
Computer	
Processor	Intel Gemini Lake dual-core 2,7 GHz (optional Pentium Silver quad-core 2.8 GHz)
Processor	64 GB (SSD)
RAM	Minimum 4 GB
Software	
Operating System	Windows 10 IoT or Linux Debian 10
Applications	Optional: 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 brightness: 138 W
Interfaces	
Power In	90-250 V AC
WiFi	WiFi 5 (802.11 ac)
Cellular	Data transmission via LTE Cat3 is possible as upgrade option, fallback to 2G if no LTE available
Ethernet	Gbit Ethernet RJ45, as an upgrade option also via optical fiber

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 2023

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TECHNICAL DATA

Mechanical properties	
Weight	57 kg
Housing Dimensions	1360 mm x 480 mm x 180 mm
Housing Type	Aluminum housing
Housing Finishing	Powder coating
Housing Color	All RAL colors are available, standard is RAL 9006 for the rear of the housing and RAL 5022 for the front flap
Front glass	Laminated safety glass with anti-reflective coating on both sides
Mounting	Mounting points on the rear side of the housing
Environment	
Operating Temperature	-20°C to 40°C ambient temperature and simultaneous exposure to sunlight
Storage Temperature	-20°C to 60°C
Ingress Protection	IP54, optional IP65
Impact Protection	Resistance of cover glass to manual attack: P2A according to DIN EN 356
Cooling	Built in fans create internal air circulation
Standards	
IEC 61140	Protection class II
CE	Compliant
Drawings	
2D Outline	62391.MB and 62452.MB

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