

Display for mobility applications

## TFT WIDE



The TFT WIDE display offers a versatile range of applications. In addition to displaying departure and arrival layouts in stations or on platforms, the display can also be used to play videos or high-resolution images.

### MAXIMUM FLEXIBILITY

The TFT WIDE Display offers high flexibility and energy efficiency as well as maximum safety. All devices are equipped with various sensors for brightness control, vandalism detection, prevention and protection against damage and destruction. They also have an optional stand-by function that automatically switches the displays to energy-saving mode when inactive. A text-to-speech (TTS) function can also be integrated.

The TFT WIDE Display can be used both indoors and outdoors.

### HIGHLIGHTS

- » single-sided / double-sided for indoors and outdoors
- » double-sided version as master-slave variant possible
- » modular design – easy maintenance and good availability of spare parts
- » integrated sensors for monitoring temperature, humidity, brightness and fault detection
- » anti-reflective laminated safety glass with highly effective IR and UV blocking filter
- » powerful control unit for high-resolution applications or video playback
- » CE certificate, TSI conformity

## TECHNICAL DATA

### GENERAL DESCRIPTION

<b>Exact designation</b>	TFT WIDE Display single-sided – landscape format
	TFT WIDE Display double-sided – landscape format
<b>Area of application</b>	outside and inside, even in direct sunlight < 20 W

### TFT-PANEL

<b>Display area</b>	Screen size (W x H) [mm]:	1.210 x 340
	Screen diagonal:	49,5" (stretched)
	Aspect ratio:	16:4,5 landscape format
	Resolution [px]:	1.920 x 540
<b>Display colour</b>	up to 16.7 million possible colours	
<b>Viewing angle</b>	typically 176° in horizontal and vertical direction	
<b>Brightness [cd/m²]</b>	max. 2.000	
<b>Original contrast</b>	typically 1.500:1	
<b>Ambient light</b>	readable even in direct sunlight	
<b>Backlight</b>	LED backlight, automatic brightness control	

### HOUSING

<b>Front glass</b>	anti-reflective laminated safety glass with a thickness of ca. 8.8 mm, with highly effective IR and UV blocking filter
<b>Material of the housing</b>	Aluminium
<b>Surface</b>	base colour: DB703, other colours on request
<b>Fastening</b>	wall bracket, inclined wall bracket, pole bracket

## DIMENSIONS / WEIGHT

Dimensions (W x H x D) [mm]	1.360 x 480 x 185	
Weight [kg]	TFT WIDE Display single-sided:	ca. 60
	TFT WIDE Display double-sided:	ca. 114

## POWER SUPPLY

Power supply	230 V / 50 Hz, fused via FI / LS switch with 30 mA / 6 A, tripping characteristic C	
Typical Power consumption Operation	TFT WIDE Display single-sided:	connected load 150 W; typ. 70 W
	TFT WIDE Display double-sided:	connected load 280 W; typ. 120 W

## CLIMATIC & ENVIRONMENTAL CONDITIONS

Temperature range operation	-20° C bis +40° C	
Temperature range storage	-20° C bis +60° C	
Air conditioning	recirculated air circuit	
Service life	ca. 10 years, decrease in screen brightness to 50 % after 100,000 h (at T = 25 ± 2° C)	
Protection class / electrical protection class	IP54 / 2	
Approvals	CE (EMC und elektrische electrical safety)	

## CLIMATIC & ENVIRONMENTAL CONDITIONS

Control Unit	for advanced applications such as high-resolution videos, images, etc.	
Standard Interfaces	HDMI 2.0, USB 3.0, USB-C, Gigabit Ethernet / LAN RJ45, etc.	
Data interface (optional)	fibre optic module	
	LTE-module	

---

## INPUT / OUTPUT COMPONENTS

---

<b>Release button (optional)</b>	push button with raised letter 'i' as information for people with impaired vision
<b>Read aloud function (optional)</b>	connection to TTS-Engine server, licence and language package not included optional licence and language package German / English / French other languages on request

---



---

## SENSORS & MONITORING

---

<b>Sensors</b>	monitoring the temperature and humidity inside the appliance monitoring of the display backlight vandalism detection with glass breakage detector and vibration sensor
<b>Funkwerk Sensor Module (optional)</b>	for stand-by control of the indicator, control of the screen brightness and train phase detection
<b>Display control function and network access</b>	Funkwerk control unit for controlling the indicator via the integrated browser Service WEB interface, accessible via web browser, SSH, SCP, VNC, SNMP v1 / v2 / v3
<b>Brightness control &amp; fallback display</b>	automatic brightness control
<b>Monitoring functions</b>	monitoring of temperature and humidity detection of glass breakage monitoring of ambient light and detection of the presence of people detection of faults in the backlighting of the indicator

---