

Full HD touch monitor 21.5", WBGcMTiM21



- 21,5"-Full-HD-Display
- Capacitive multi-touch touchscreen (2-finger gestures)
- Scratch-resistant 6H tempered glass surface
- HDMI video input
- USB touch interface
- IP65 (front side)
- Less than 5 kg, panel and VESA mounting

<https://www.wachendorff-prozesstechnik.de/en/wbgcmtim21>

Description

The WBGcMTiM21 from Weintek is a latest generation touchscreen monitor designed exclusively for industrial applications. Equipped with HDMI video input, full HD display and 21.5-inch large screen, this touchscreen monitor product is capable of displaying the UI (user interface) and large amounts of data with amazing clarity. It has a very compact design and weighs only 4.9 kg, making it easy to install. The robust aluminum housing, 6H scratch-resistant tempered glass surface and NEMA4/IP65 protection rating ensure that the WBGcMTiM21 can be used as a powerful monitoring assistant in harsh industrial environments.

However, the most interesting feature of the WBGcMTiM21 is its native compatibility with the WBGcMTFHD. When using it as a touchscreen for the WBGcMTFHD, simply connect the HDMI cable and the USB cable i.e. plug and play without calibration or the installation of additional drivers. While the USB port of the WBGcMTFHD is occupied by the USB cable used for the touch signal, the WBGcMTiM21 provides an additional USB port that can be used for another USB device and this USB device works as if it was connected to the WBGcMTFHD. In addition, the backlight of the WBGcMTiM21 is adjustable via digital signals, meaning the backlight can be adjusted via the user interface of the WBGcMTFHD or even within an EasyBuilder Pro project.

Through software and hardware integration with the WBGcMTFHD, the WBGcMTiM21 offers a new type of large screen solution that will stimulate the HMI market with new ideas.

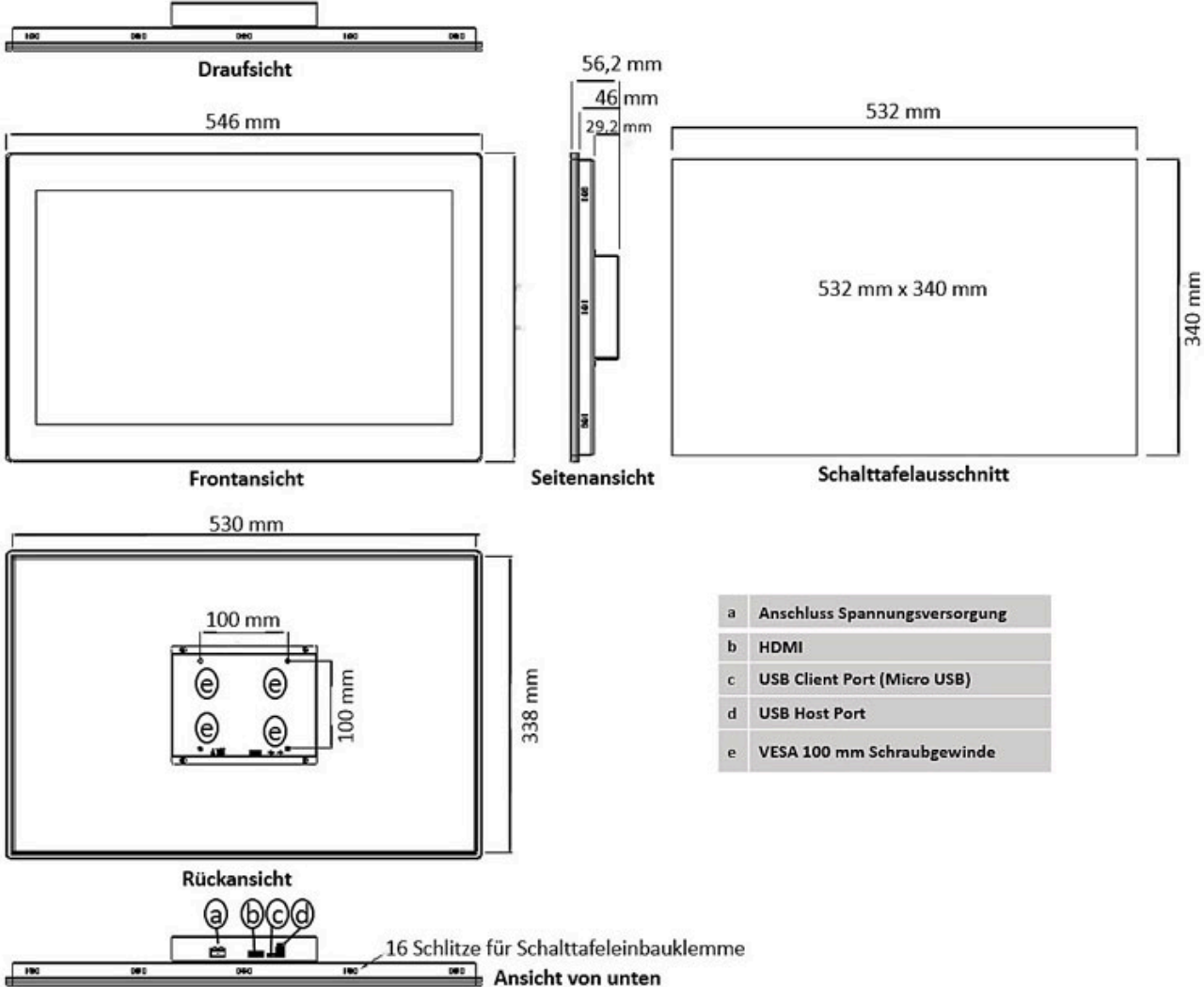
Product details

Display:	Size: 21.5" TFT Resolution: 1920 x 1080 Brightness: 250 cd/m ² Contrast: 1000:1 Backlight: LED Backlight life: >30,000 hours Colors: 16.7 million LCD viewing angle (top, bottom, right, left): 80/80/85/85
Touch display:	Type: tempered glass (6H), Capacitive multi-touch display (supports 2-finger gestures)
Interfaces:	1x USB 2.0 host 1x USB 2.0 client (Micro USB) 1x HDMI
Real-time clock:	No

Power supply:	Input voltage: 24 VDC ±20 % Galvanic isolation (input voltage from system voltage): integrated Current consumption: 1.56 A at 24 VDC Dielectric strength: 500 VAC (1 min.) Insulation resistance: >50 MOhm at 500 VDC Shock resistance: 10 Hz to 25 Hz (X,Y, Z direction 2G 30 minutes)
Printed circuit board coating:	Yes, PCB
Housing:	Aluminum
Dimensions (WxHxD):	546 mm x 354 mm x 56.2 mm
Weight:	4.9 kg
Fastening:	Panel mount: VESA 100 mm x 100 mm Panel installation: 532 mm x 340 mm
Protection class:	NEMA4/IP65 Front side in installed state
Ambient temperature:	Operation: 0 °C to +50 °C Storage: -20 °C to 60 °C Relative humidity: 10 % to 90 % (non-condensing)
Certificates:	CE
Scope of delivery:	WBGcMTiM21, Installation instructions, Mounting screws and mounting bracket for panel mounting (HDMI and USB cables available as accessories)
Manufacturer:	Weintek Labs, Inc

Drawings

Dimensions





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