

TV machine interface WBGcMTHDMI



- High resolution HD 1080p HDMI output
- Supports MPI connection (187.5K)
- 1 Gigabit Ethernet port
- Fanless cooling system
- Compact design and DIN rail mounting
- USB 2.0 host
- Integrated 4 GB flash memory and RTC real-time clock
- Integrated galvanic isolation of supply and system voltage

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

Description

The WBGcMTHDMI from Weintek is a simple and cost-effective solution for visualizing process data on large televisions and industrial touch monitors. With its serial interfaces and integrated MPI interface, the TV machine interface is the ideal solution for easy-to-implement and brilliant visualizations on large screens. The highly visible display of process data or KPI values, for example, helps you to keep a better eye on your production. The WBGcMTHDMI from Weintek meets all the criteria of a modern operating device, but the image output is provided via an HDMI interface. If a touch-capable monitor is used, operation is also possible via this.

The very compact and fanless WBGcMTHDMI is designed for a wide temperature range and will fit into any control cabinet.

The 32-bit RISC Cortex-A9 with a clock rate of 1 GHz ensures very fast data processing.

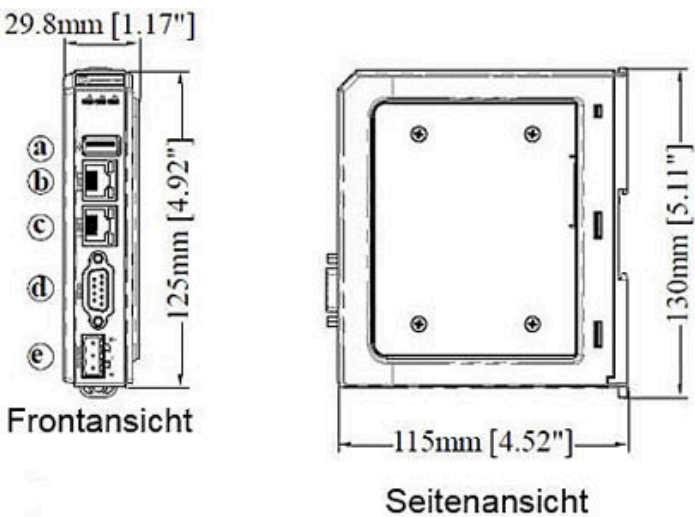
Thanks to the integrated battery-buffered real-time clock, secure data storage with a reliable time stamp is possible.

Ambient conditions:	Storage temperature: -20 °C to +60 °C Operating temperature: 0 °C to 50 °C Relative humidity: 10 % to 90 % (non-condensing)
Shock:	10 Hz to 25 Hz (X,Y, Z direction, 2G for 30 minutes)
Certificates:	CE
Software:	EasyBuilderPro
Manufacturer:	Weintek Labs, Inc

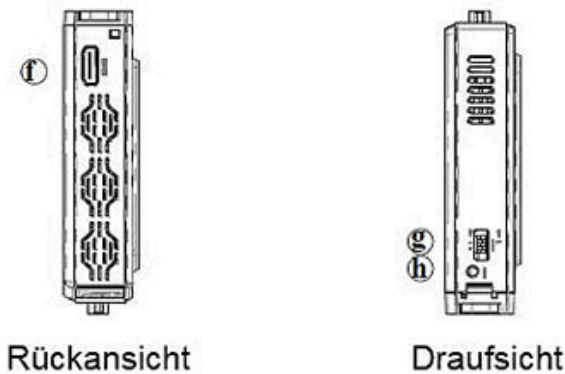
Product details

Memory:	1 GB RAM 4 GB Flash
CPU and core logic:	Cortex A9, 1 GHz processor Linux-based operating system
USB interface:	1 x USB 2.0 host
Ethernet interface:	LAN1: 10/100/1000 BaseT LAN2: 10/100 BaseT
Serial interface:	1x COM1: RS232 1x COM2: RS485 2-/4-wire, 1x COM3: RS485 2-wire, All RS485 interfaces are individually programmable including an MPI connection (187,500 baud).
HDMI	Resolution: 1920 x 1080
Real-time clock:	Internal real-time clock (RTC) available, lithium battery buffered
Power supply:	24 VDC +/-20 %; 230 mA at 24 VDC. Connection via removable 3-pole terminal strip.
Printed circuit board coating:	PCB
Housing:	Sturdy plastic housing
Dimensions (HxDxW):	130 mm x 115 mm x 27 mm
Weight:	0.2 kg
Project planning:	EasyBuilder Pro
Assembly:	35 mm DIN rail
Protection class:	IP20

Drawings
 Dimensions



PIN	COM1 [RS-232]	COM2 [RS-485]		COM3 [RS-485] 2-Draht
		2-Draht	4-Draht	
1				Data+
2	RxD			
3	TxD			
4				Data-
5	GND			
6		Data+	Rx+	
7		Data-	Rx-	
8			Tx+	
9			Tx-	



a	USB Host	f	HDMI-Ausgang
b	LAN 2	g	DIP-Schalter
c	LAN 1	h	Reset-Taste
d	COM1 RS-232, , COM2 RS-485 2-/4-Draht, COM3 RS-485 2-Draht		
e	Anschluss Spannungsversorgung		



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