

Basic HMI, 10.1", 1024 x 600 TFT LCD, cMT1106X



- 10.1" 1024 x 600 TFT-LCD, LED backlighting
- Fanless cooling system
- Integrated 4 GB flash memory and RTC
- RS232 and RS485 2- and 4-wire
- Galvanic isolation of supply and system voltage
- Wide input voltage range: 24±20% VDC
- IP66 front panel, NEMA4 compliant
- EasyAccess 2.0 license optional

<https://www.wachendorff-prozesstechnik.de/en/cMT1106X>

Description

The Basic HMI cMT1106X is characterized by its high performance, memory capacity and connectivity. Its quad-core CPU makes it possible to master the most difficult multitasking challenges. The integrated 4 GB flash memory offers enough storage space for historical data and projects. In addition, it has all the important interfaces: Ethernet, RS232, RS485 2W, RS485 4W and also WiFi, which can be activated by the M02 expansion module if required.

The optional license for the EasyAccess2.0 remote access service allows you to visualize the HMI on end devices such as PCs, smartphones and tablets from an external location. With EasyAccess2.0, you can access devices in the network via the cMT1106X using the "Path Through" method.

Product details

Display:	Size: 10.1" TFT LCD Resolution: 1024 x 600 pixels Brightness: 350 cd/m ² Contrast: 500 : 1 Backlight: LED Backlight life: >50,000 hours Colors: 16.7 million LCD viewing angle (up/down/left/right): 70/70/80/80
Touch display:	Type: 4-wire analog resistive. Accuracy: Active range length (X) ±2 %, width (Y) ±2 %
Memory:	Flash: 4 GB RAM: 1 GB
Processor:	Quad-core RISC

Interfaces:	SD card slot: No USB host: 1x USB 2.0 USB Client: No Ethernet: LAN: 10/100 Base-T x1 Wifi: via expansion module M02 (optional) COM port: Connection A: COM2 RS485 2-/4-wire, COM3 RS485 2-wire Connection B: COM1 RS232 4-wire, COM3 RS232 2-wire (only use TX & RX (not RTS/CTS) for COM1 RS232 if COM3 RS232 is used at the same time) MPI is supported RS485 isolation: no CAN bus: No HDMI: No Audio Output: No Video Input: No
Real-time clock:	Integrated real-time clock RTC
Power supply:	Input voltage: 24±20% VDC Galvanic isolation (input voltage from system voltage): integrated Current consumption: 720 mA at 24 VDC Dielectric strength: 500 VAC (1 min.) Insulation resistance: >50 MOhm at 500 VDC
Printed circuit board coating:	Yes, PCB
Housing:	Plastic housing
Dimensions (WxHxD):	271 mm x 213 mm x 38 mm Panel cut-out: 260 mm x 202 mm
Weight:	approx. 1.2 kg
Fastening:	Panel mounting Vesa mount 75 x 75
Protection class:	NEMA4 / front IP66
Ambient temperature:	Operation: 0 °C to +50 °C. Storage: -20 °C to +60 °C. Relative humidity: 10 % to 90 % (non-condensing)
Certificates:	CE

Software: EasyBuilder Pro (V6.06.01 or higher)
EasyAccess 2.0 license optional

Customs tariff number: 85371098

Manufacturer: Weintek Labs, Inc

Products Order no.

Accessories Order no.

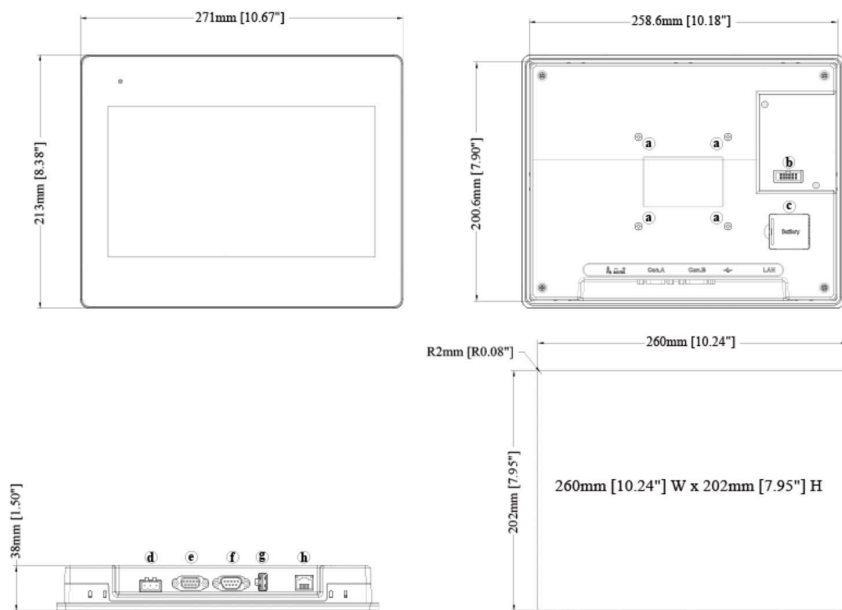
DRS4-24A Power supply unit for top-hat rail, 85 to
264 VAC, 24 VDC 4.2 A, screw
terminal

KABETH12 Patch cable, RJ45 UTP CCA, CAT5e
white, 2 m

Drawings

Dimensions and connections

- a** VESA 75 mm Screw Holes
- b** Expansion Module Connector
- c** Battery
- d** Power Connector
- e** Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W
- f** Con.B: COM1 RS-232 4W, COM3 RS-232 2W
- g** USB Host Port
- h** LAN





Wachendorff Prozesstechnik GmbH & Co. KG
Industriestrasse 7 • 65366 Geisenheim
Germany

Phone: +49 (0) 67 22 / 99 65 - 20
E-Mail: wp@wachendorff.de
www.wachendorff-prozesstechnik.de

