

Standard HMI, 4.3", 800 x 480 pixels, cMT2058XH



- 4.3" LCD with 800 x 480 pixels and wide viewing angle, LED backlighting
- Fanless cooling system
- Quad-core CPU with powerful dedicated 3D processor
- Integrated 4 GB flash memory and RTC
- COM1 / COM3 RS-485 2W supports MPI 187.5K, please use only one at a time.
- Integrated current isolator
- NEMA4 / IP66 compliant front panel

<https://www.wachendorff-prozesstechnik.de/en/cmt2058xh>

Description

The cMT2058XH from Weintek is a compact HMI touch panel with a 4.3" wide viewing angle display and robust industrial equipment. It offers a high-resolution display (800 × 480) and a quad-core CPU for stable performance and smooth operation.

With 4 GB flash memory, 1 GB RAM and a fanless cooling concept, the device is suitable for demanding visualization tasks without mechanical ventilation. Thanks to the integrated real-time clock (RTC) and versatile communication interfaces (e.g. Ethernet, USB, serial ports), it can be flexibly integrated into automation systems.

The front panel meets NEMA4 / IP66 protection requirements, making the cMT2058XH particularly resistant to dust and splash water. It is ideal for machine control, process visualization and industrial user interfaces in harsh environments.

Product details

Display:	Size: 4.3 inch wide viewing angle (WVA) Resolution: 800 x 480 pixels Brightness: 530 cd/m ² Contrast: 800 : 1 Backlight: LED Backlight life: >30.000 hours Colors: 16.7 million LCD Viewing angle (up/down/left/right): 80/80/80/80 Pixel pitch (mm): 0.1188 (H) x 0.1122 (V)
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: LAN1: 10/100/1000 Base-T x1 LAN2: 10/100 Base-T x1 COM Port: COM1 RS232/RS485 2-/4-wire, COM3 RS485 2-wire 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: 510 mA at 24 VDC Dielectric strength: 500 VAC (1 min.) Insulation strength: >50 MOhm at 500 VDC Shock resistance: 10 Hz to 25 Hz (X,Y, Z direction 2 G 30 minutes)
Printed circuit board coating:	Yes, PCB
Housing:	Plastic housing
Dimensions (WxHxD):	128 mm x 102 mm x 32 mm Panel cut-out: 119 mm x 93 mm
Weight:	approx. 0.27 kg
Fastening:	Panel mounting
Protection class:	UL Type 4X (for indoor use only) / NEMA 4 / IP66 compliant front panel
Ambient temperature:	Operating temperature : 0 °C to +50 ° C. Storage temperature: -20 °C to +60 ° C. Relative humidity: 10 % to 90 % (non-condensing)
Certificates:	CE cULus listed
Software:	Wine cloud: EasyAccess 2.0 (optional), Dashboard (optional) CODESYS: (optional) EasyBuilder : from Pro V6.09.01

Customs tariff number:	85371098
Manufacturer:	Weintek Labs, Inc

Products Order no.

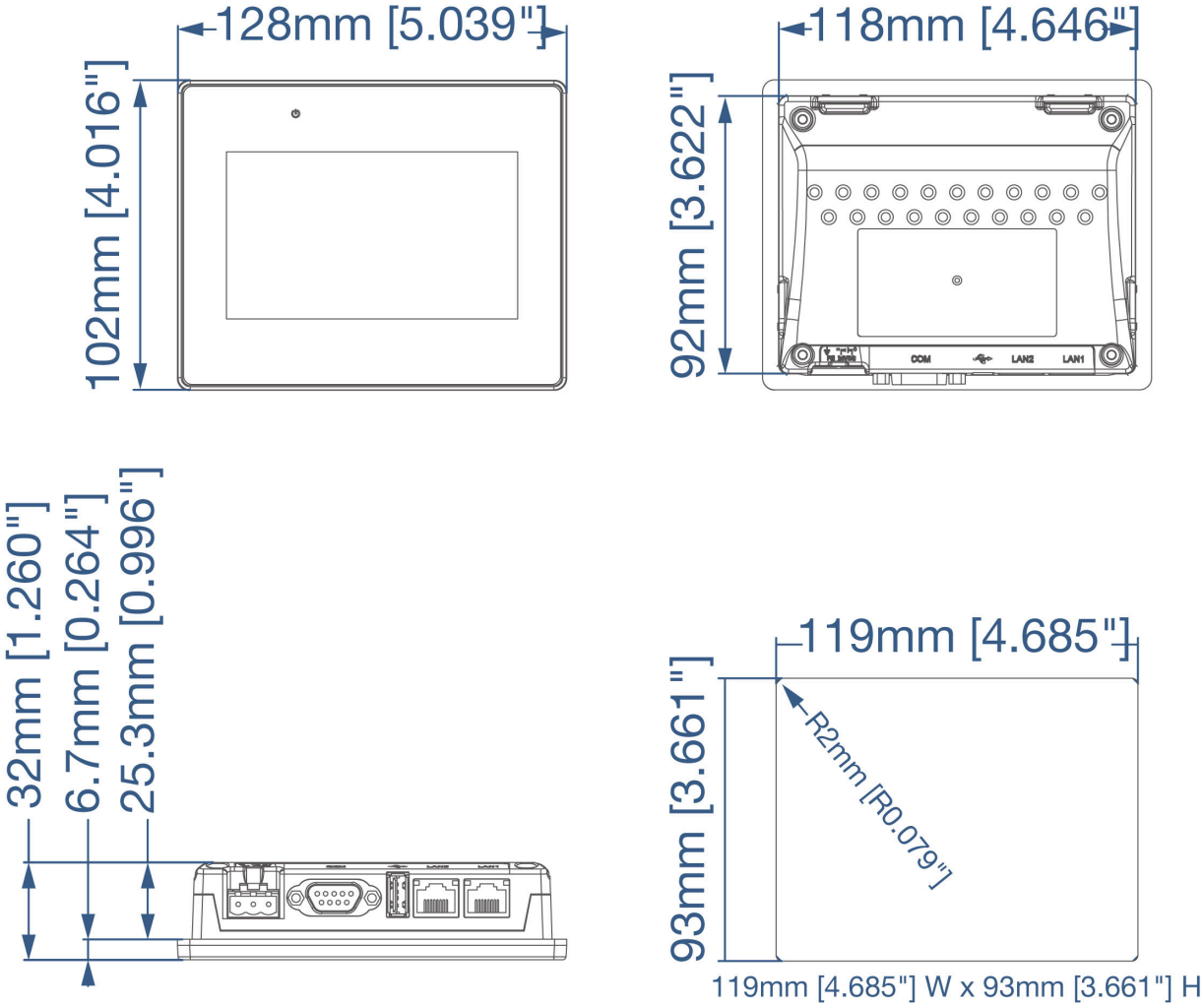
Accessories Order no.

DRS4-24A	Power supply unit for DIN rail, 85 to 264 VAC, 24 VDC 4.2 A, screw terminal
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KABETH12	Patch cable, RJ45 UTP CCA, CAT5e white, 2 m
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Drawings

Dimensions and STEP data:





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