cMT2058XH

4.3” WVA Standard HMI

IP66 NEMA4

Key Features

- 4.3" 800 × 480 LCD
- Resistive touch panel
- COM port × 2, Ethernet port × 2, USB host port × 1
- Built-in 4 GB FLASH and 1 GB RAM
- Fan-less cooling system

Technical Specifications

Display

Display	4.3” Wide Viewing Angle (WVA)
Resolution	800 × 480
Brightness (cd/m^2)	530
Contrast Ratio	800:1
Backlight Life Time	> 30,000 hrs.
Colors	16.7 M
LCD Viewing Angle (T/B/L/R)	80/80/80/80
Pixel Pitch (mm)	0.1188 (H) × 0.1122 (V)

Touch Panel

Type	4-wire Resistive Type
Accuracy	Active Area Length (X) ± 2 %, Width (Y) ± 2 %

Memory

FLASH	4 GB
RAM	1 GB

Processor

CPU	Quad-core RISC

I/O Port

Memory Card Type	N/A
USB Host	USB 2.0 × 1
Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
COM Port	COM1: RS-232 2W, RS-485 2W/4W COM3: RS-485 2W
WiFi	N/A
RS-485 Dual Isolation	N/A
CAN Bus	N/A
Audio Output	N/A

Power

Input Power	24 ± 20 % VDC
Power Isolation	Built-in
Power Consumption	510 mA @ 24 VDC
Voltage Resistance	500 VAC (1 min.)
Isolation Resistance	Exceed 50 MΩ at 500 VDC

Mechanical

Enclosure	Plastic
Dimensions W×H×D	128 × 102 × 32 mm
Panel Cutout	119 × 93 mm
Weight	Approx. 0.27 kg

Mount	Panel Mount

Environment

PCB Coating	Yes
Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP66 Compliant Front Panel
Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
Operating Temperature	0° ~ 50°C (32° ~ 122°F)
Relative Humidity	10 % ~ 90 % (non-condensing)
Altitude	3,000 m
Vibration Endurance	10 to 25 Hz (X, Y, Z direction 2G 30 minutes)

Certificate

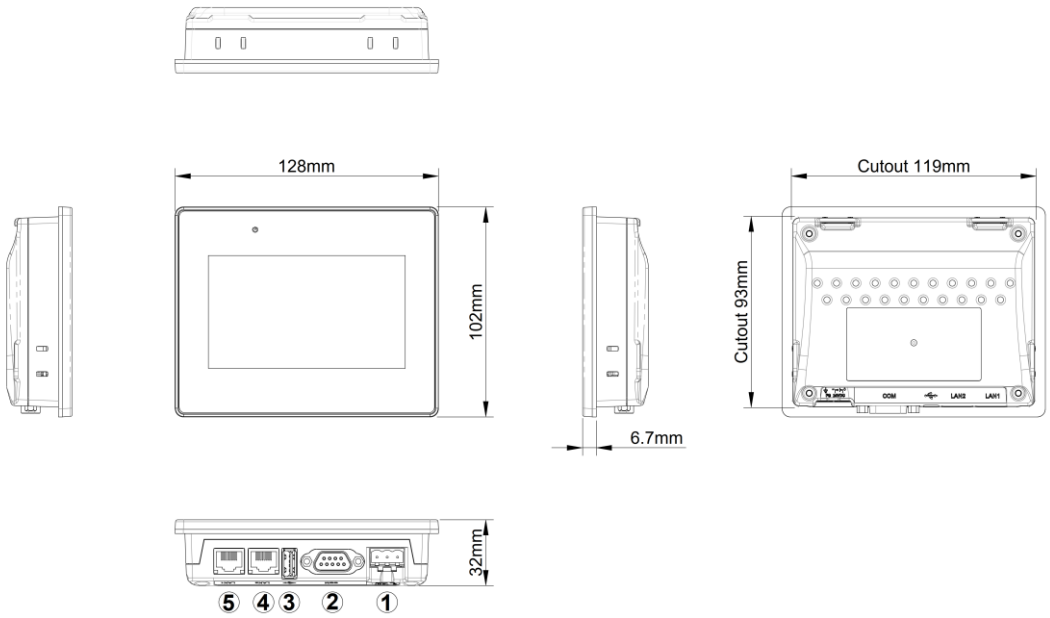
CE	CE Marked
UL	cULus Listed

Software

EasyBuilder Pro	V6.09.01 or later versions
Weincloud	EasyAccess 2.0 (Optional), Dashboard (Optional)
CODESYS®	Optional

* CODESYS® is a trademark of CODESYS GmbH.

Dimensions



1	Power Connector
2	COM1: RS-232 2W, RS-485 2W/4W COM3: RS-485 2W
3	USB Host
4	LAN 2
5	LAN 1

Pin Assignment

COM: 9 Pin, D-sub, Male

PIN#	COM1 [RS485]4W	COM1 [RS485]2W	COM1 [RS232]2W	COM3 [RS485]2W
1	Rx-	Data-		
2	Rx+	Data+		
3	Tx-			
4	Tx+			
5	GND			
6			TxD	
7				Data-
8				Data+
9			RxD	

Part Number

☐ **【cMT2058XH】**

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Optional:

☐ **RZACEA020:** EasyAccess 2.0 Activation Card