cMT3108XP (W)

10.1” HTML5 Web Panel

IP66 NEMA4

Key Features

- Powerful and versatile Chromium browser
- Compatible with M02 WiFi Expansion Module that supports wireless communication
- 10.1" 1280 × 800 LCD
- Ethernet port × 2, USB host port × 1
- Tempered glass capacitive touch panel
- Built-in 4 GB FLASH and 1 GB RAM
- Fan-less cooling system

Technical Specifications

Display

Display	10.1” Wide Viewing Angle (WVA)
Resolution	1280 × 800
Brightness (cd/m^2)	425
Contrast Ratio	800:1
Backlight Life Time	> 50,000 hrs.
Colors	16.7 M
LCD Viewing Angle (T/B/L/R)	89/89/89/89
Pixel Pitch (mm)	0.1695 (H) × 0.1695 (V)

Touch Panel

Type	Tempered Glass, Capacitive Type
Hardness Scale	7H

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 × 1 LAN 2: 10/100 Base-T × 1
COM Port	N/A
WiFi	M02 WiFi Expansion Module (Optional)
RS-485 Dual Isolation	N/A
CAN Bus	N/A
Audio Output	Built-in Mono Speaker

Power

Input Power	24 ± 20 % VDC
Power Isolation	Built-in
Power Consumption	700 mA @ 24 VDC
Voltage Resistance	500 VAC (1 min.)
Isolation Resistance	Exceed 50 MΩ at 500 VDC

Mechanical

Enclosure	Plastic
Dimensions W×H×D	266 × 196 × 42.7 mm
Panel Cutout	255 × 185 mm
Weight	Approx. 1.1 kg
Mount	Panel Mount, VESA Mount 75 × 75 mm

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° ~ 55°C (32° ~ 131°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

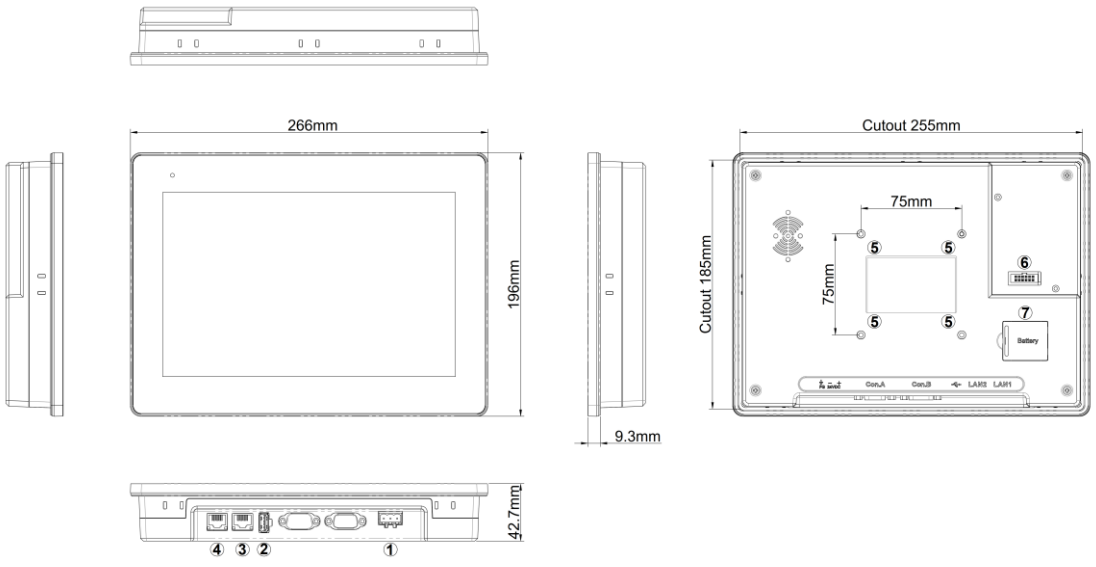
CE	CE Marked
ATEX	ATEX Zone 2/22 Category 3 G/D
UL	cULus Listed

Software

Browser	Chromium 132 (Upgradable)*
Weincloud	EasyAccess 2.0 (Optional)

* The built-in browser does not support websites requiring Java Applets or the Java SDK.
* For best compatibility, use websites developed with standard HTML5.

Dimensions



1	Power Connector
2	USB Host
3	LAN 2
4	LAN 1

5	VESA 75 mm Screw Holes
6	Expansion Module Connector
7	Battery

Part Number

☐ **【cMT3108XP (W)】**

10.1" 1280 × 800 WVA LCD HMI, Built-in 4 GB FLASH / 1 GB RAM

☐ **【RZUSK7010】** (included in package)

USB Clamp & Tying Strap

Optional:

☐ **M02:** WiFi Expansion Module

☐ **RZACEA020:** EasyAccess 2.0 Activation Card