cMT3108XP (iV)

10.1” HMI with Built-in cMT Viewer





IP66 NEMA4

Key Features

- Supports cMT Viewer that enables connection and monitoring of up to 6 HMIs
- 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

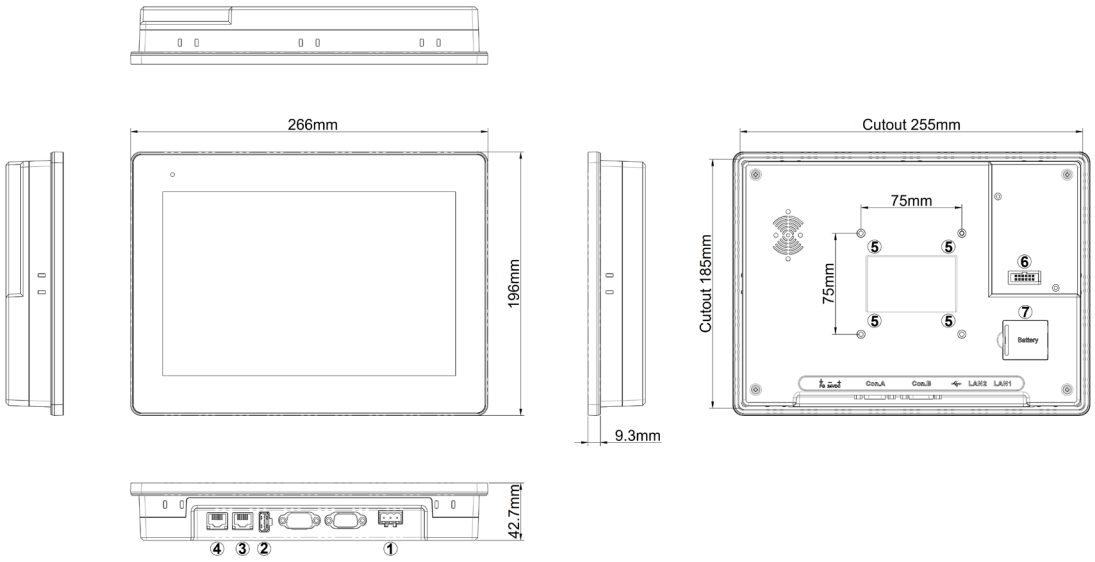
Language

Display	English, French, Italian, Spanish, Russian, Simplified Chinese, Traditional Chinese, Korean, German, Polish
Input Methods	English, French, Italian, Spanish, German, Russian, Pinyin, Zhuyin, Korean, Japanese, Polish

Software

cMT Viewer	Yes
Weincloud	EasyAccess 2.0 (Optional)

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 (iV)】**

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