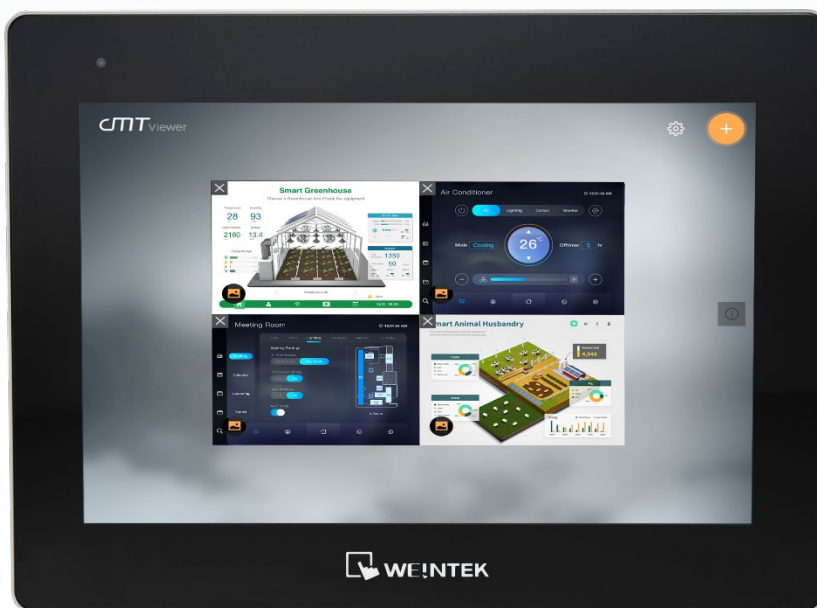


# cMT3108XP (iV)

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 <sup>2</sup> ) | 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<br>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)                     |

## Product Carbon Footprint (kg CO<sub>2</sub>e)

|                             |    |
|-----------------------------|----|
| Manufacturing Stage (A1-A3) | 52 |
|-----------------------------|----|

## Certificate

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

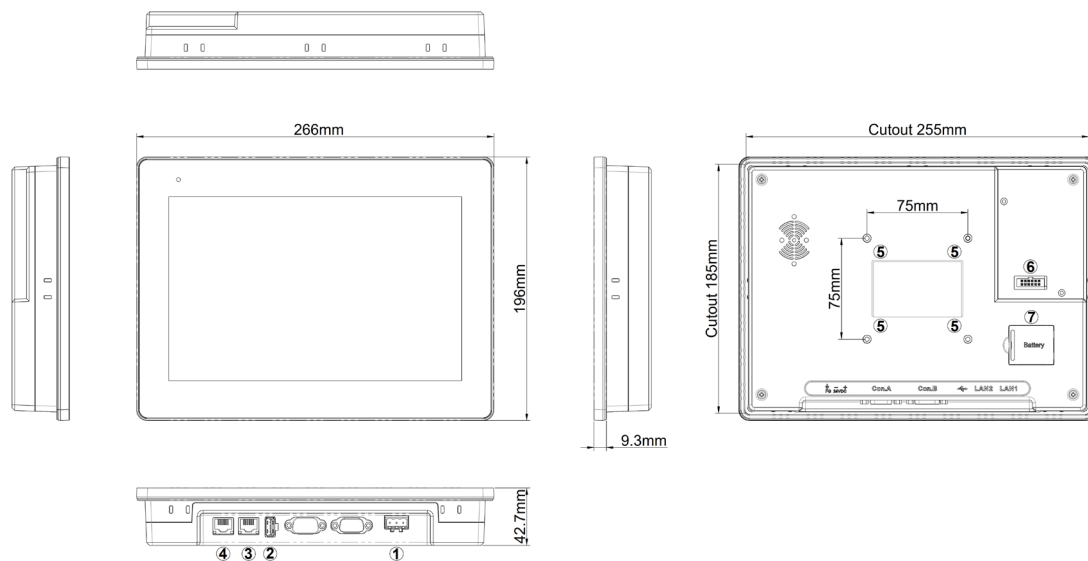
## Language

|               |                                                                                                             |
|---------------|-------------------------------------------------------------------------------------------------------------|
| 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