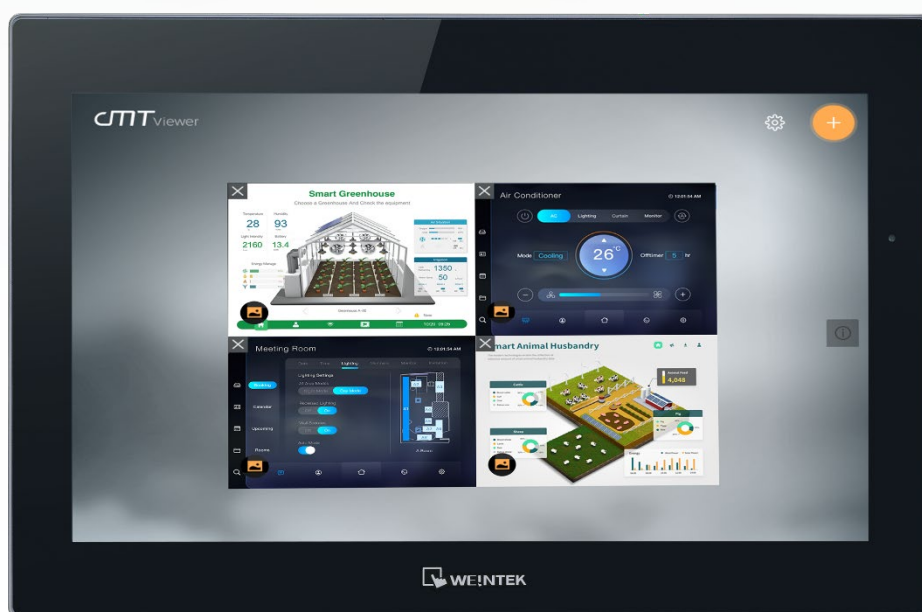


cMT3162X (iV)

15.6" HMI with Built-in cMT Viewer



IP66 NEMA4

Key Features

- ▶ The oTP integrated touch solution offers an edge-to-edge design, high-resolution and high-transmittance
- ▶ Supports cMT Viewer that enables connection and monitoring of up to 6 HMIs
- ▶ Supports vibration alerting and feedback
- ▶ 15.6" 1920 × 1080 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	15.6" Wide Viewing Angle (WVA)
Resolution	1920 × 1080
Brightness (cd/m ²)	300
Contrast Ratio	800:1
Backlight Life Time	> 30,000 hrs.
Colors	16.2 M
LCD Viewing Angle (T/B/L/R)	89/89/89/89
Pixel Pitch (mm)	0.17925 (H) × 0.17925 (V)

Touch Panel

Type	Tempered Glass, Capacitive Type
Hardness Scale	7H

Memory

FLASH	4 GB
RAM	1 GB

Processor

CPU	Quad-core RISC
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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	N/A
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	1.3 A @ 24 VDC
Voltage Resistance	500 VAC (1 min.)
Isolation Resistance	Exceed 50 MΩ at 500 VDC

Mechanical

Enclosure	Front Bezel: Plastic, Rear Enclosure: Aluminum
Dimensions W×H×D	400 × 263 × 27.6 mm
Panel Cutout	384 × 247 mm
Weight	Approx. 1.6 kg
Mount	Panel Mount, VESA Mount 100 × 100 mm

Environment

PCB Coating	Yes
Protection Structure	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)

Product Carbon Footprint (kg CO₂e)

Manufacturing Stage (A1-A3)	63
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Certificate

CE	CE Marked
UL	cULus Listed

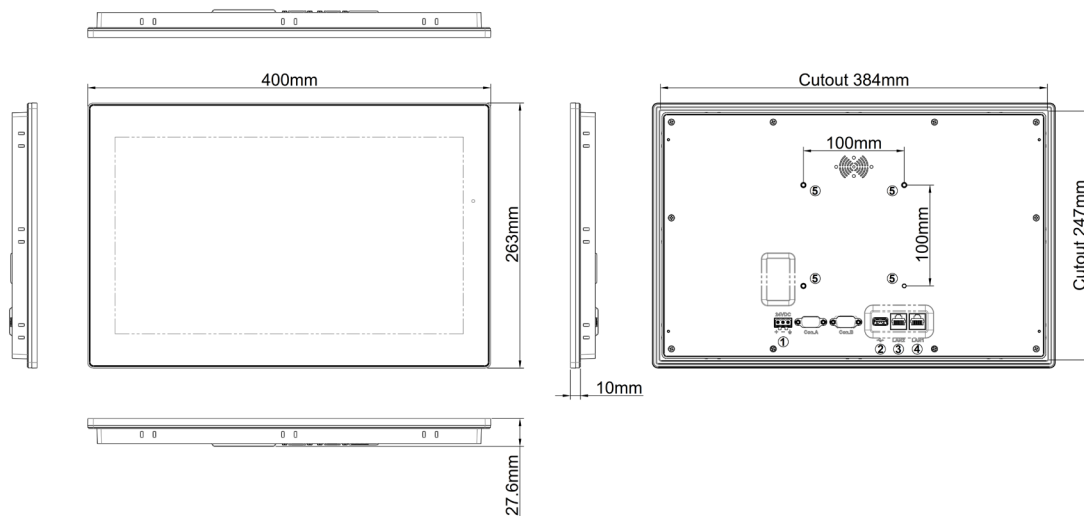
Language

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	4	LAN 1
2	USB Host	5	VESA 100 mm Screw Holes
3	LAN 2		

Part Number

☐ **【cMT3162X (iV)】**

15.6" 1920 × 1080 WVA LCD HMI, Built-in 4 GB FLASH / 1 GB RAM

Optional:

☐ **RZACEA020:** EasyAccess 2.0 Activation Card