



15.6" HMI with Built-in cMT Viewer

Feature

- The oTP integrated touch solution offers an edge-to-edge design, high-resolution and high-transmittance.
- Supports Vibration Alerting
- 15.6" 1920 x 1080 Wide Viewing Angle LCD
- Built-in 4GB Flash Memory and RTC
- Fan-less Cooling System
- PCB coating process ensures high reliability to resist from corrosion in harsh environment.
- Built-in Power Isolation
- NEMA4/IP66 Compliant Front Panel
- Supports cMT Viewer that enables connection and monitoring of up to 6 HMIs.

Display	Display	15.6" Wide Viewing Angle (WVA)
	Resolution	1920 x 1080
	Brightness (cd/m²)	300
	Contrast Ratio	800:1
	Backlight Type	LED
	Backlight Life Time	>30,000 hrs.
	Colors	16.2M
	LCD Viewing Angle (T/B/R/L)	89/89/89/89
	Pixel Pitch (mm)	0.17925(H) x 0.17925(V)
Touch Panel	Type	Tempered Glass, Capacitive Type
	Hardness Scale	7H
Memory	Flash	4 GB
	RAM	1 GB
Processor		Quad-core RISC
I/O Port	SD Card Slot	N/A
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	LAN 1: 10/100/1000 Base-T x 1 LAN 2: 10/100 Base-T x 1
	COM Port	N/A
	RS-485 Isolation	N/A
	CAN Bus	N/A
	HDMI	N/A
	Audio Output	Built-in Mono Speaker
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	1.3A@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC
Specification	PCB Coating	Yes
	Enclosure	Front bezel: Plastic, Rear Enclosure: Aluminum
	Dimensions WxHxD	400 x 263 x 27.6 mm
	Panel Cutout	384 x 247 mm
	Weight	Approx. 1.6 kg
	Mount	Panel mount, VESA mount 100 x 100 mm
Environment	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 (Air Pressure)	Below 3,000 meters (70.1kPa)
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
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



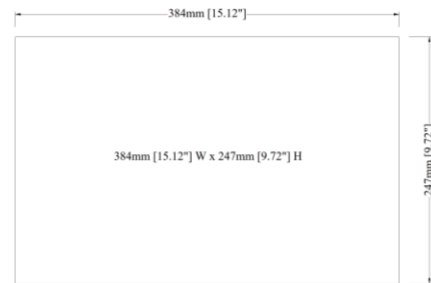
Top View



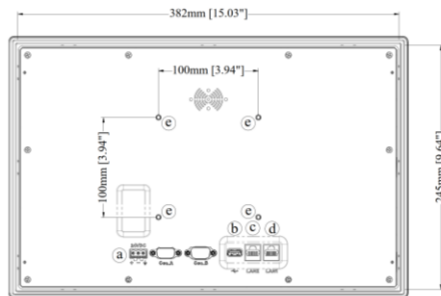
Front View



Side View



Cutout Dimensions



Rear View



Bottom View

a	Power Connector
b	USB Host
c	LAN2
d	LAN1
e	VESA 100mm Screw Holes

Ordering Information

☐ cMT3162X (iV):

15.6" 1920 x 1080 WVA LCD HMI, Built-in 4GB flash memory / 1GB DDR RAM on board

Optional:

☐ **RZACEA020**: EasyAccess 2.0 Activation Card