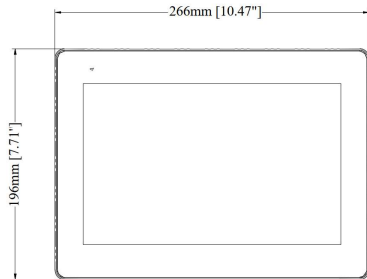## Feature

- 10.1" 1280 x 800 Wide Viewing Angle LCD
- Tempered Glass Capacitive Touch Panel
- 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
- Compatible with M02 WiFi Expansion Module that supports wireless communication.
- Supports cMT Viewer that enables connection and monitoring of up to 6 HMIs.

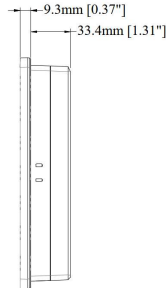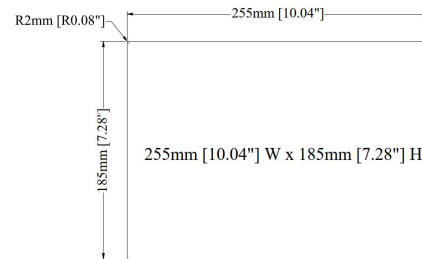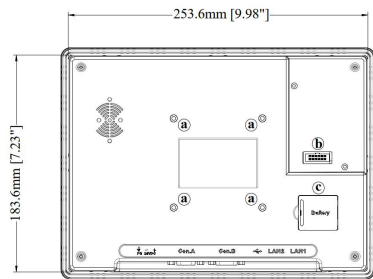| Category	Item	Value
Display	Display	10.1" Wide Viewing Angle (WVA)
	Resolution	1280 x 800
	Brightness (cd/m^2)	425
	Contrast Ratio	800:1
	Backlight Type	LED
	Backlight Life Time	>50,000 hrs.
	Colors	16.7M
	LCD Viewing Angle (T/B/L/R)	89/89/89/89
	Pixel Pitch (mm)	0.1695 (H) x 0.1695 (V)
Touch Panel	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
	WiFi	M02 WiFi Expansion Module (Optional)
	COM Port	N/A
	RS-485 Dual 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	700mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	266 x 196 x 42.7 mm
	Panel Cutout	255 x 185 mm
	Weight	Approx. 1.1 kg
	Mount	Panel mount, VESA mount 75 x 75 mm
Environment	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 (Air Pressure)	Below 3,000 meters (70.1kPa)
	Vibration Endurance	10 to 25Hz (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, Japanese, 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

266mm [10.47"]

196mm [7.71"]

Front View

9.3mm [0.37"]

33.4mm [1.31"]

Side View

R2mm [R0.08"]

255mm [10.04"]

185mm [7.28"]

255mm [10.04"] W x 185mm [7.28"] H

Cutout Dimensions

253.6mm [9.98"]

183.6mm [7.23"]

Gen.A   Gen.B   LAN2 LAN1

Rear View

42.7mm [1.68"]

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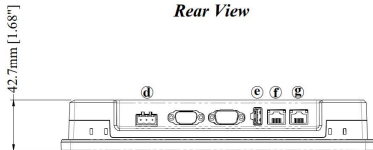
Bottom View

a	VESA 75 mm Screw Holes
b	Expansion Module Connector
c	Battery
d	Power Connector
e	USB Host Port
f	LAN 2
g	LAN 1

Ordering Information

❑ **cMT3108XP (iV):**
 10.1" 1280 x 800 WVA LCD HMI, Built-in 4GB flash memory / 1GB DDR RAM on board
 ❑ **RZUSK7010 (included in package)**
  USB Clamp & Tying Strap
Optional:
 ❑ **M02:** WiFi Expansion Module
 ❑ **RZACEA020:** EasyAccess 2.0 Activation Card