WEINTEK

cMT-iPC15

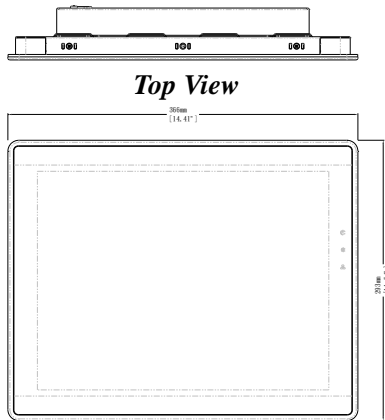## Smart HMI with 15" XGA IPS Display

Feature

- Aluminum Housing
- 15" 1024x768 IPS LCD
- Fan-less Cooling System
- Built- in 64GB SSD and RTC
- SD Card Slot Supports SD/SDHC Cards
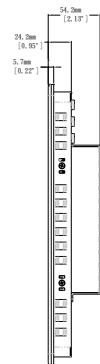- Power Isolator Inside
- NEMA4/IP65 Compliant Front Panel

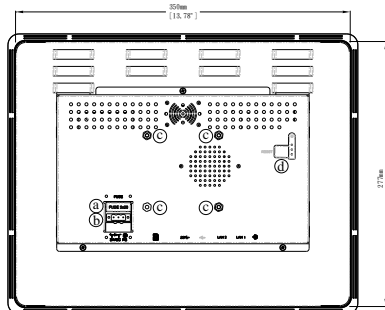|		
Display	Display	15" IPS
	Resolution	1024 x 768
	Brightness (cd/m^2)	400
	Contrast Ratio	1000:1
	Backlight Type	LED
	Backlight Life Time	>50,000 hrs.
	Colors	16.2M
	LCD Viewing Angle (T/B/L/R)	89/89/89/89
	Pixel Pitch (mm)	0.297 (H) x 0.297 (V)
Touch Panel	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
Memory	SSD	64 GB
	RAM	4 GB
Processor		Intel Atom E3827
I/O Port	SD Card Slot	SD/SDHC/SDXC
	USB Host	USB 2.0 x 2 / USB 3.0 x 1
	Ethernet	10/100/1000 Base-T x 2
	Audio Output	Built-in Mono Speaker Audio Line Out – 3.5 mm jack x 1
RTC		Built-in
Power	Input Power	24±20%VDC
	Power Isolation	Built-in
	Power Consumption	2A@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ @ 500VDC
	Vibration Endurance	10 to 25Hz(X,Y,Z direction 2G 30 minutes)
Specification	PCB Coating	Yes
	Enclosure	Aluminum
	Dimensions WxHxD	366 x 293 x 54.2 mm
	Panel Cutout	352 x 279 mm
	Weight	Approx. 2.76 kg
	Mount	Panel mount, VESA mount 75 x 75 mm
Environment	Protection Structure	UL Type 4X (indoor use only) / NEMA4 / IP65 Compliant Front Panel
	Storage Temperature	-20° ~ 70°C (-4° ~ 158°F)
	Operating Temperature	0° ~ 50°C (32° ~ 122°F)
	Relative Humidity	10% ~ 90% (non-condensing)
Certificate	CE	CE marked
	UL	cULus Listed
OS Support		* Windows® 7 / Windows® 8.1 / Windows® 10 IoT Enterprise (EasyLauncher + cMT Viewer)

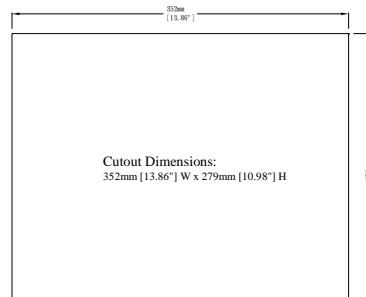*License of Windows OS is excluded.
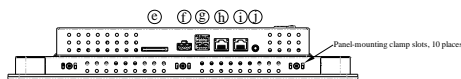
Dimensions

Top View

Front View

Side View

Rear View

Cutout Dimensions:
352mm [13.86"] W x 279mm [10.98"] H

Bottom View

Panel-mounting clamp slots, 10 places

a	Fuse	**h**	LAN 2
b	Power Connector	**i**	LAN 1
c	VESA 75mm Screw Holes	**j**	Line Out
d	Reset Button		
e	SD CARD SLOT		
f	USB Host port 3.0		
g	USB Host port 2.0		

Ordering Information

❑ **cMT-iPC15:**
   15" IPS LCD Smart HMI, 64GB SSD, 4GB DDR3L SO-DIMM

❑ **cMT-iPC15WK-WES7**
   cMT-iPC15 with OS: Windows Embedded Standard 7

❑ **cMT-iPC15WK-WioT**
   cMT-iPC15 with OS: Windows 10 IoT Enterprise

   ❑ **RP0081500 (included in package)**
      15" Screen Protective Film