



## Smart HMI with 15" XGA TFT Display

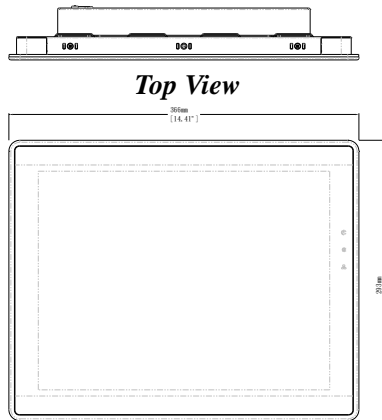
### Feature

- Aluminum Housing
- 15" 1024x768 TFT LCD
- Fan-less Cooling System
- Built-in 32GB SSD and RTC
- SD Card Slot Supports SD/SDHC Cards
- Power Isolator Inside
- NEMA4/IP65 Compliant Front Panel

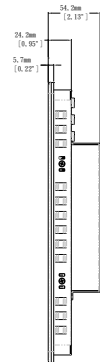
<b>Display</b>	Display	15" TFT
	Resolution	1024 x 768
	Brightness (cd/m <sup>2</sup> )	400
	Contrast Ratio	700:1
	Backlight Type	LED
	Backlight Life Time	>50,000 hrs.
	Colors	16.2M
	LCD Viewing Angle (T/B/L/R)	70/70/80/80
<b>Touch Panel</b>	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
<b>Memory</b>	SSD	32 GB
	RAM	4 GB
<b>Processor</b>		Intel Atom E3827
<b>I/O Port</b>	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
<b>RTC</b>		Built-in
<b>Power</b>	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)
<b>Specification</b>	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
<b>Environment</b>	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)
<b>Certificate</b>	CE	CE marked
	UL	cULus Listed
<b>OS Support</b>		* Windows® 7 / Windows® 8.1 / Windows® 10 IoT Enterprise (EasyLauncher + cMT Viewer)

\*License of Windows OS is excluded.

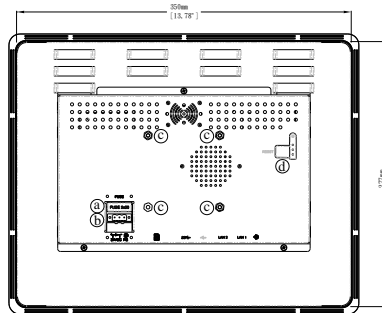
## Dimensions



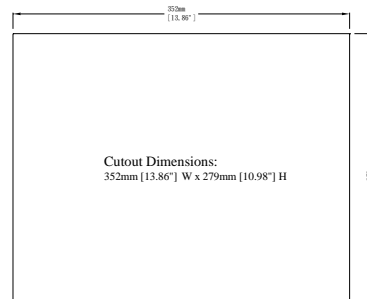
Top View



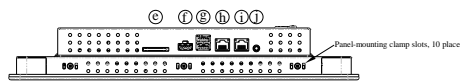
Side View



Rear View



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



Bottom View

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

### Ordering Information

- cMT-iPC15:**  
15" TFT LCD Smart HMI, 32GB 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