

## HMI with 15" X VGA TFT Display

### Features

- Aluminum Housing and Brand-new Color & Design
- Video Input Ports Support NTSC and PAL
- 15" 1024x768 TFT Industrial Grade LCD
- Fan-less Cooling System
- Built-in 256MB Flash Memory and RTC
- NEMA4/IP65 Compliant Front Panel
- Long Life LED Back Light with Ceramics Package
- SD Card Slot Supports SD/SDHC Cards
- Power Isolator Inside
- Com1 or Com3 RS485 2W Supports MPI 187.5K
- CAN Bus Device Supports CANopen Protocol
- Com1 / Com3 RS485 & CAN Bus Built-in Isolation

<b>Display</b>	Display	15" TFT
	Resolution	1024 x 768
	Brightness (cd/m <sup>2</sup> )	350
	Contrast Ratio	700:1
	Backlight Type	LED
	Backlight Life Time	50,000 hr.
	Colors	16.2M
<b>Touch Panel</b>	Type	4-wire Resistive Type
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%
<b>Memory</b>	Storage(MB)	256
	RAM (MB)	256
<b>Processor</b>		32Bit RISC CPU 800MHz
<b>I/O Port</b>	SD Card Slot	SD/SDHC
	USB Host	USB 2.0 x 1
	USB Client	USB 2.0 x 1
	Ethernet	10/100 Base-T
	COM Port	COM1 (RS-232/RS-485 2W/4W), COM3(RS-232/RS-485 2W)
	CAN Bus	Yes
	Audio	Audio Line Out – 3.5 mm jack x 1
	Video Input Port	NTSC/PAL RCA x 2
<b>RTC</b>		Yes
<b>Power</b>	Input Power	24±20%VDC
	Power Consumption	900 m A@24V
	Power Isolation	Built In
	Voltage Resistance	500VAC (1 min)
	Isolation Resistance	Exceed 50MΩ at 500VDC
	Vibration Endurance	10 to 25Hz(X,Y,Z direction 2G 30 minutes)
<b>Specification</b>	Enclosure	Aluminum
	Dimensions WxHxD	14.41 x 11.54 x 2.24 (inch)
	Panel Cutout	13.86 10.98 (inch)
	Weight (lb)	Approx. 6.06
<b>Environment</b>	Protection Structure	IP65 front panel
	Storage Temperature	-20° ~ 70°C (-4° ~ 158°F)
	Operating Temperature	0° ~ 50°C (32° ~ 122°F)
	Relative Humidity	10% ~ 90% RH (non-condensing)
<b>Certifications</b>	CE	EN 55022: 2006+A1: 2007 EN 61000-3-2: 2006+A2: 2009 EN 61000-3-3: 2008 EN 55024: 1998+A1: 2001+A2: 2003
	FCC	Comply with FCC class A
	UL	UL508 Type 4X
<b>Software</b>		EasyBuilder Pro



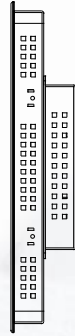
**Top View**



**Side View**



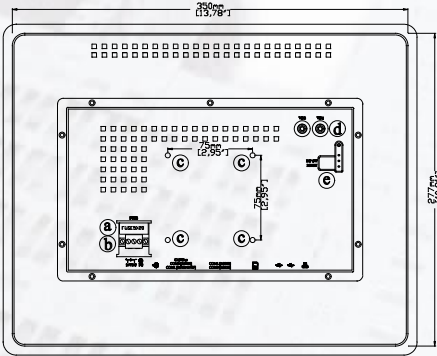
**Front View**



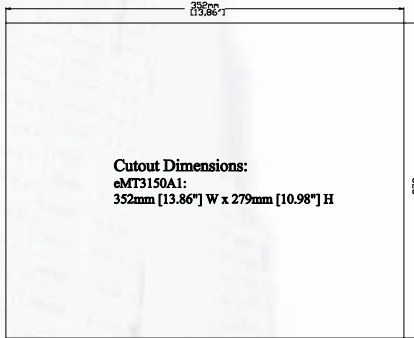
**Side View**

## Ordering Information

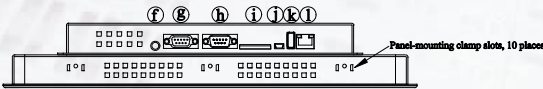
- eMT3150A**  
15" TFT LCD HMI,  
256MB flash memory/  
256MB RAM on board,  
Video Input Port RCA x 2
- FLZ485000**  
Multi-Connector cable  
Com1[485]/Com3[485]/  
CAN Bus
- FLZ232000**  
Multi-Connector cable  
Com1[232]/Com3[232]



**Rear View**



Cutout Dimensions:  
eMT3150A1:  
352mm [13.86"] W x 279mm [10.98"] H



**Bottom View**

<b>a</b>	Fuse	<b>g</b>	Com1 RS485, Com3 RS485, CAN Bus
<b>b</b>	Power Connector	<b>h</b>	Com1 RS232, Com3 RS232
<b>c</b>	VESA 75mm Screw Holes	<b>i</b>	SD CARD SLOT
<b>d</b>	Video Input Port x 2	<b>j</b>	USB Client port
<b>e</b>	DIP SW & Reset Button	<b>k</b>	USB Host port
<b>f</b>	Line Out	<b>l</b>	Ethernet Port