

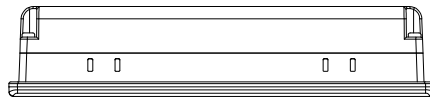
Human Machine Interface with 7" TFT Display



Features

- Aluminum Housing and Brand-new Color & Design
- 7" 800x480 TFT LCD
- Fan-less Cooling System
- Built-in 256MB Flash Memory and RTC
- NEMA4/IP66 Compliant Front Panel
- One USB Host and One USB Client Port
- SD Card Slot supports SD and 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

| | | |
|----------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Display | Display | 7" TFT |
| | Resolution | 800x480 |
| | Brightness (cd/m ²) | 500 |
| | Contrast Ratio | 500:1 |
| | Backlight Type | LED |
| | Backlight Life Time | 30,000 hr. |
| | Colors | 16.7M |
| Touch Panel | Type | 4-wire Resistive Type |
| | Accuracy | Active Area Length(X)±2%, Width(Y)±2% |
| Memory | Storage(MB) | 256 |
| | RAM (MB) | 256 |
| Processor | | 32Bit RISC CPU 600MHz |
| I/O Port | 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 |
| RTC | | Built-in |
| Power | Input Power | 24±20%VDC |
| | Power Consumption | 400m 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) |
| Specification | Enclosure | Aluminum |
| | Dimensions WxHxD | 200 x 146 x 42.5mm |
| | Panel Cutout (mm) | 192 x 138mm |
| | Weight (kg) | Approx. 0.9 kg |
| Operation | Protection Structure | IP66 front panel (O ring seal) |
| | Storage Temperature | -20° ~ 70°C (-4° ~ 158°F) |
| | Operating Temperature | 0° ~ 50°C (32° ~ 122°F) |
| | Operating Humidity | 10% ~ 90% RH (non-condensing) |
| CE/FCC | | EN 55022: 2006 + A1: 2007 EN 61000-3-2: 2006 + A2: 2009 EN 61000-3-3: 2008 EN 55024: 1998 + A1: 2001 + A2: 2003 |
| Software | | EasyBuilder Pro |



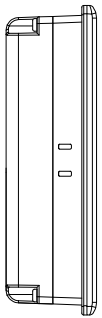
Top View

Ordering Information

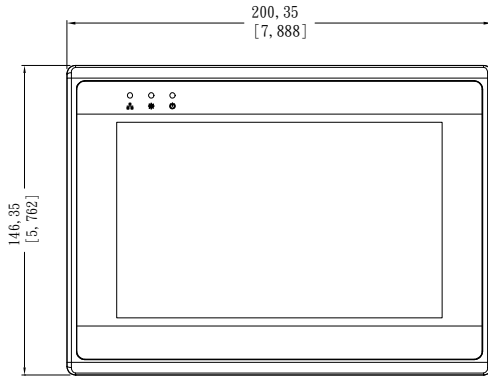
□ **eMT3070A**: 7" TFT LCD HMI, 256MB flash memory/ 256MB RAM on board

□ **FLZ485000**
Multi-Connector cable
Com1[485]/Com3[485]/CAN Bus

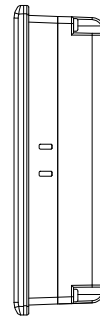
□ **FLZ232000**
Multi-Connector cable
Com1[232]/Com3[232]



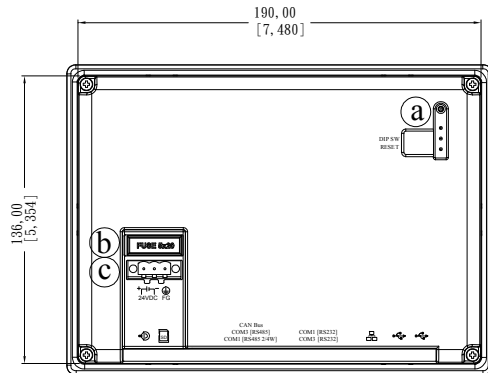
Side View



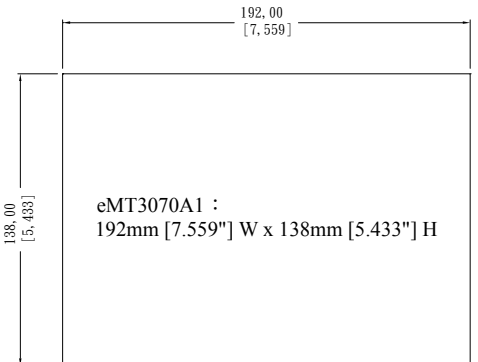
Front View



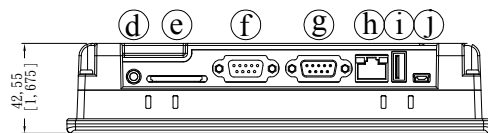
Side View



Rear View



Cutout Dimensions



Bottom View

| | | | |
|----------|----------------------------------|----------|----------------------------------------|
| a | DIP SW & Reset Button | f | Com1 RS485, Com3 RS485, CAN Bus |
| b | Fuse | g | Com1 RS232, Com3 RS232 |
| c | Power Connector | h | Ethernet Port |
| d | Line Out | i | USB Host Port |
| e | SD Card Slot | j | USB Client Port |