



### Feature

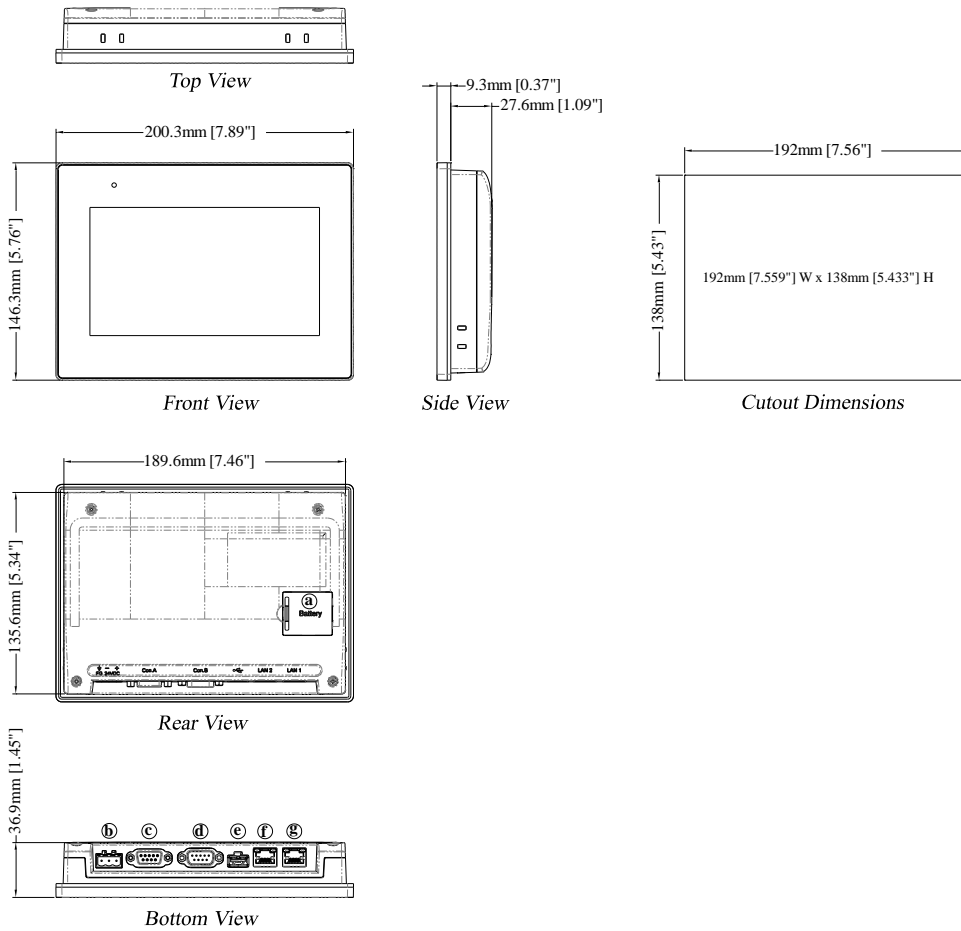
- 7" 1024 x 600 Wide Viewing Angle LCD, LED Backlight
- Quad-core CPU with High Performance Dedicated 3D Processor
- Fan-less Cooling System
- Built-in 4GB Flash Memory and RTC
- COM2 and COM3 RS-485 2W supports MPI 187.5K, please use one at a time
- CAN Bus Supports CANopen, CAN Bus 2.0A/2.0B and SAE J1939
- Built-in Power Isolator
- NEMA4 / IP66 Compliant Front Panel

|                      |                                 |   |
|----------------------|---------------------------------|---|
| <b>Display</b>       | Display                         | 7" Wide Viewing Angle (WVA)   |
|                      | Resolution                      | 1024 x 600  |
|                      | Brightness (cd/m <sup>2</sup> ) | 450   |
|                      | Contrast Ratio                  | 800:1   |
|                      | Backlight Type                  | LED   |
|                      | Backlight Life Time             | >30,000 hrs.  |
|                      | Colors                          | 16.7M   |
|                      | LCD Viewing Angle (T/B/R/L)     | 85/85/85/85   |
|                      | Pixel Pitch (mm)                | 0.1506 (H) x 0.1432 (V)   |
| <b>Touch Panel</b>   | Type                            | Tempered Glass, Capacitive Type   |
|                      | Hardness Scale                  | 7H  |
| <b>Memory</b>        | Flash                           | 4 GB  |
|                      | RAM                             | 1 GB  |
| <b>Processor</b>     |                                 | Quad-core RISC  |
| <b>I/O Port</b>      | SD Card Slot                    | N/A   |
|                      | USB Host                        | USB 2.0 x 1   |
|                      | USB Client                      | N/A   |
|                      | Ethernet                        | LAN 1: 10/100 Base-T x 1<br>LAN 2: 10/100 Base-T x 1  |
|                      | COM Port                        | Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus<br>Con.B: COM1 RS-232 4W, COM3 RS-232 2W* |
|                      | RS-485 Dual Isolation           | N/A   |
|                      | CAN Bus                         | Yes   |
|                      | HDMI                            | N/A   |
|                      | Audio Output                    | N/A   |
| <b>RTC</b>           |                                 | Built-in  |
| <b>Power</b>         | Input Power                     | 24±20%VDC   |
|                      | Power Isolation                 | Built-in  |
|                      | Power Consumption               | 820mA@24VDC   |
|                      | Voltage Resistance              | 500VAC (1 min.)   |
|                      | Isolation Resistance            | Exceed 50MΩ at 500VDC   |
| <b>Specification</b> | PCB Coating                     | Yes   |
|                      | Enclosure                       | Plastic   |
|                      | Dimensions WxHxD                | 200.3 x 146.3 x 36.9 mm   |
|                      | Panel Cutout                    | 192 x 138 mm  |
|                      | Weight                          | Approx. 0.7 kg  |
|                      | Mount                           | Panel mount   |
| <b>Environment</b>   | Protection Structure            | 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)  |
|                      | Vibration Endurance             | 10 to 25Hz (X, Y, Z direction 2G 30 minutes)  |
| <b>Certificate</b>   | CE                              | CE marked   |
| <b>Software</b>      | EasyBuilder Pro                 | V6.08.02 or later versions  |
|                      | Weincloud                       | EasyAccess 2.0 (Optional), Dashboard (Optional)   |
|                      | CODESYS®                        | Optional  |

\* Only Tx & Rx (no RTS/CTS) may be used for COM1 RS-232 when COM3 RS-232 is also used.

\* CODESYS® is a trademark of CODESYS GmbH.

## Dimensions



|          |  |          |               |
|----------|--|----------|---------------|
| <b>a</b> | Battery  | <b>e</b> | USB Host Port |
| <b>b</b> | Power Connector  | <b>f</b> | LAN 2         |
| <b>c</b> | Con.A:<br>COM2 RS-485 2W/4W,<br>COM3 RS-485 2W,<br>CAN Bus | <b>g</b> | LAN 1         |
| <b>d</b> | Con.B:<br>COM1 RS-232 4W,<br>COM3 RS-232 2W                |          |               |

## Accessories

- cMT3072XP:**  
7" WVA LCD HMI, 4GB flash memory, 1GB RAM on board
- RZUSK7010 (included in package)**  
USB Clamp & Tying Strap

Optional:

- RZ0CDS000:** CODESYS activation card & license sticker
- RZACEA020:** EasyAccess 2.0 Activation Card

### Pin Assignment:

Con.B: COM1 / COM3 [RS232] 9 Pin, Male, D-sub

| PIN# | COM1<br>[RS232]4W | COM3<br>[RS232]2W |
|------|-------------------|-------------------|
| 1    |                   |                   |
| 2    | RxD               |                   |
| 3    | TxD               |                   |
| 4    |                   |                   |
| 5    | GND               |                   |
| 6    |                   |                   |
| 7    | RTS               | TxD               |
| 8    | CTS               | RxD               |
| 9    | GND               |                   |

Con.A: COM2 / COM3 [RS485]/ CAN Bus, 9 Pin, Female, D-sub

| PIN# | COM2<br>[RS485]2W | COM2<br>[RS485]4W | COM3<br>[RS485]2W | CAN<br>Bus |
|------|-------------------|-------------------|-------------------|------------|
| 1    | Data-             | Rx-               |                   |            |
| 2    | Data+             | Rx+               |                   |            |
| 3    |                   | Tx-               |                   |            |
| 4    |                   | Tx+               |                   |            |
| 5    | GND               |                   |                   |            |
| 6    |                   |                   | Data-             |            |
| 7    |                   |                   |                   | CAN_L      |
| 8    |                   |                   |                   | CAN_H      |
| 9    |                   |                   | Data+             |            |