



Feature

- 7" 1024 x 600 Wide Viewing Angle LCD
- 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

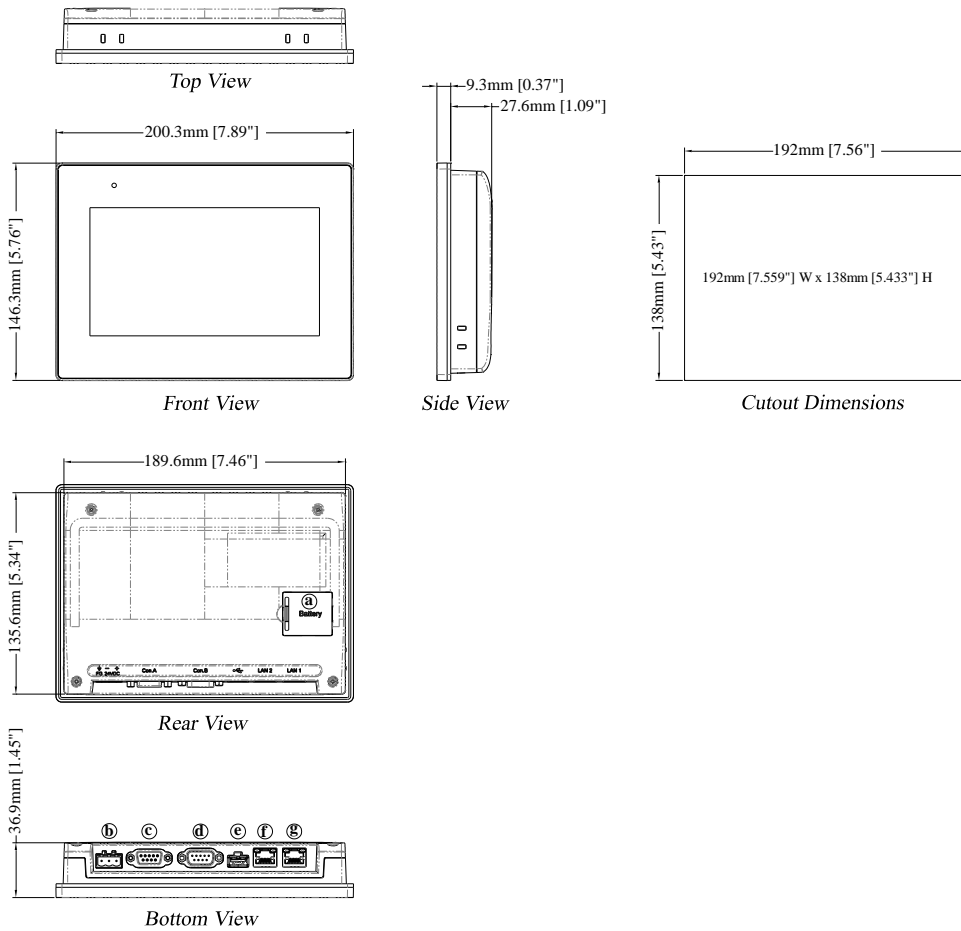
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|---------------|---------------------------------|--|
| Display | Display | 7" Wide Viewing Angle (WVA) |
| | Resolution | 1024 x 600 |
| | Brightness (cd/m ²) | 450 |
| | Contrast Ratio | 800:1 |
| | Backlight Type | LED |
| | Backlight Life Time | >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) |
| Touch Panel | Type | Tempered Glass, Capacitive Type |
| | Hardness Scale | 7H |
| Memory | Flash | 4 GB |
| | RAM | 1 GB |
| Processor | | Quad-core RISC |
| I/O Port | 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 LAN 2: 10/100 Base-T x 1 |
| | COM Port | Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W, CAN Bus Con.B: COM1 RS-232 4W, COM3 RS-232 2W ^{*1} |
| | RS-485 Dual Isolation | N/A |
| | CAN Bus | Yes |
| | HDMI | N/A |
| | Audio Output | N/A |
| RTC | | Built-in |
| Power | Input Power | 24±20%VDC |
| | Power Isolation | Built-in |
| | Power Consumption | 820mA@24VDC |
| | Voltage Resistance | 500VAC (1 min.) |
| | Isolation Resistance | Exceed 50MΩ at 500VDC |
| Specification | 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 |
| Environment | Protection Structure | UL Type 4X (indoor use only) / 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) |
| | Altitude (Air Pressure) | Below 3,000 meters (70.1kPa) |
| | Vibration Endurance | 10 to 25Hz (X, Y, Z direction 2G 30 minutes) |
| Certificate | CE | CE marked |
| | UL | cULus Listed |
| Software | EasyBuilder Pro | V6.08.02 or later versions ^{*2} |
| | Weincloud | EasyAccess 2.0 (Optional), Dashboard (Optional) |
| | CODESYS® | Optional ^{*3} |

^{*1} Only Tx & Rx (no RTS/CTS) may be used for COM1 RS-232 when COM3 RS-232 is also used.

^{*2} The minimum software requirement for units labeled as cMT3072XP (V2): EasyBuilder Pro V6.09.02.

^{*3} CODESYS® is a trademark of CODESYS GmbH.

Dimensions



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

Ordering Information

❑ cMT3072XP:

7" WVA LCD HMI, 4GB flash memory, 1GB RAM on board

❑ RZUSK7010 (included in package)

USB Clamp & Tying Strap

Optional:

❑ **RZACEA020:** EasyAccess 2.0 Activation Card

❑ **RZ0CDS000:** CODESYS License

Pin Assignment:

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

| PIN# | COM1 [RS232]4W | COM3 [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 [RS485]2W | COM2 [RS485]4W | COM3 [RS485]2W | CAN Bus |
|------|-------------------|-------------------|-------------------|------------|
| 1 | Data- | Rx- | | |
| 2 | Data+ | Rx+ | | |
| 3 | | Tx- | | |
| 4 | | Tx+ | | |
| 5 | GND | | | |
| 6 | | | Data- | |
| 7 | | | | CAN_L |
| 8 | | | | CAN_H |
| 9 | | | Data+ | |