

10.2" Touchscreen HMI + PLC



- 800 x 480 Pixel Resolution, Touchscreen
- 1 Ethernet Port, 2 Serial Ports
- Up to 5 I/O Modules
- Web Server
- MicroSD Card

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|----------------------|---|--|
| System | CPU | 32-bit RISC, 454 MHz |
| | Memory | 128 MB for application, 45 MB for screen |
| I/O Ports | Serial Ports | 1 x DE9S COM1: RS-232/RS-485, 2 wire or 4 wire 1 x DE9S COM2: RS-232/RS-485, 2 wire or 4 wire |
| | Ethernet | 10/100 Mbps |
| | USB Host | 1 x USB 2.0 |
| | USB Client | 1 x USB 2.0 (micro) |
| | SD Card Reader | 1 x MicroSD HC |
| | Expansion | 5 (for optional I/O modules) |
| | RTC | Built-in |
| Display | Display Type | 10.2" WVGA TFT |
| | Size (W x H) | 8.74" x 5.24" [222 x 133 mm] |
| | Max. Resolution (Pixels) | 800 x 480 |
| | Contrast Ratio | 300:1 |
| | Backlight | LED |
| Touchscreen / Keypad | Backlight Longevity | 20,000 hours at 25° C |
| | Type | 4 wire analog resistive |
| | Lifespan | 1 million activations minimum |
| Electrical | Resolution | Continuous |
| | Input Voltage | 24 VDC ± 15% |
| Mechanical | Input Current | 1.04 A @24 VDC (with 5 expansions) |
| | Enclosure | Plastic molding |
| | Ratings | IP66 |
| | Mounting | Panel |
| | Dimensions (W x H x D) | 10.55" x 7.48" x 1.30" [268 x 190 x 33 mm] |
| | Panel Cutout (W x H) | 10.08" x 7.01" [256 x 178 mm] |
| Environmental | Net Weight | 1.98 lbs (.9 kg) |
| | Operating Temperature | 32 ~ 122° F (0~50° C) |
| | Storage Temperature | -4 ~ 185° F (-20 ~ 85° C) |
| | Relative Humidity | 10 ~ 95% (non-condensing) |
| | Shock (operation) | 25 g acceleration for 11 ms |
| Software | Certifications | CE, cULus (Class I, Div 2 rated), RoHS |
| Notes | MAPware-7000 (v2.34 or later) This unit is compatible with all HMC3 I/O modules. Specifications subject to change without notice. | |

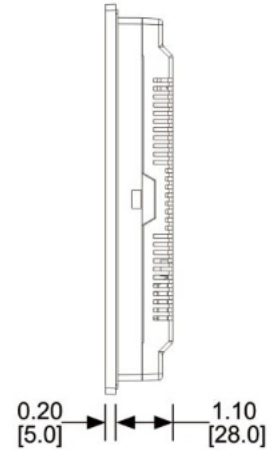
Top View



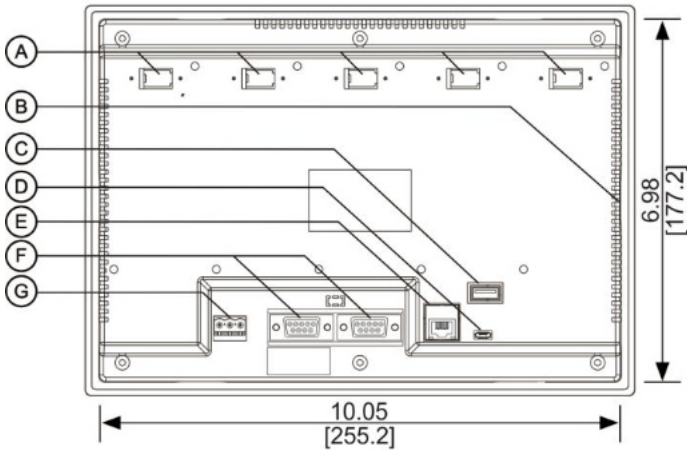
Front View



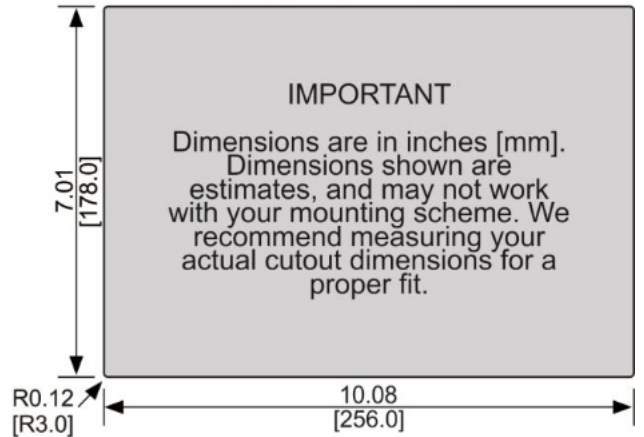
Side View



Rear View



Cutout Dimensions



Bottom View



Dimensions are in inches [mm]

- Ⓐ Expansion Ports Ⓑ MicroSD Card Slot Ⓒ USB 2.0 Host Port Ⓓ USB 2.0 Client Port
- Ⓔ Ethernet Port Ⓕ Com Ports DE9S Ⓖ Power Connector