

Human Machine Interface with 4.3" TFT LCD display

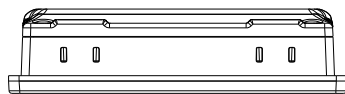


New iP Series

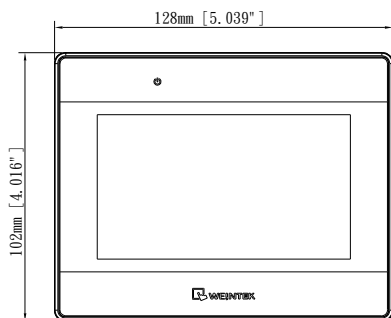
- Boasts excellent performance with better operation experience compared to its predecessor.
- 3 Upgrades! Weintek's compact HMI Series-iP has upgraded in every aspect to satisfy a variety of applications.
 - Equipped with Cortex A8 600MHz CPU.
 - Seamlessly upgraded from EB8000 to EasyBuilder Pro.
 - Adopts Micro USB download cable widely used in smart phones.

| | | |
|----------------------|---------------------------------|--|
| Display | Display | 4.3" TFT LCD |
| | Resolution | 480 x 272 |
| | Brightness (cd/m ²) | 400 |
| | Contrast Ratio | 500:1 |
| | Backlight Type | LED |
| | Backlight Life Time | >30,000 hrs. |
| | Colors | 16.7M |
| | LCD Viewing Angle (T/B/L/R) | 50/70/70/70 |
| Touch Panel | Type | 4-wire Resistive Type |
| | Accuracy | Active Area Length(X)±2%, Width(Y)±2% |
| Memory | Flash | 128 MB |
| | RAM | 128 MB |
| Processor | | 32 Bits RISC Cortex-A8 600MHz |
| I/O Port | USB Host | N/A |
| | USB Client | USB 2.0 x 1 (Micro USB) |
| | Ethernet | N/A |
| | COM Port | COM1 RS-232/RS-485 2W/4W COM3 RS-485 2W |
| | RS-485 Dual Isolation | N/A |
| RTC | | Built-in (CR2032 3V lithium battery.) |
| Power | Input Power | 24±20% VDC |
| | Power Consumption | 300mA@24VDC |
| | 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 | PCB Coating | N/A |
| | Enclosure | Plastic |
| | Dimensions WxHxD | 128 x 102 x 32 mm |
| | Panel Cutout | 119 x 93 mm |
| | Weight | Approx. 0.25 kg |
| | Mount | Panel mount |
| Environment | Protection Structure | NEMA4 / IP65 Compliant Front Panel |
| | Storage Temperature | -20° ~ 60°C (-4° ~ 140°F) |
| | Operating Temperature | 0° ~ 50°C (32° ~ 122°F) |
| | Relative Humidity | 10~90% (non-condensing) |
| Certification | CE | CE marked |
| Software | | EasyBuilder Pro |

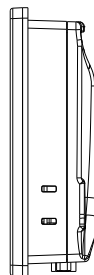
◆ Dimensions Drawing



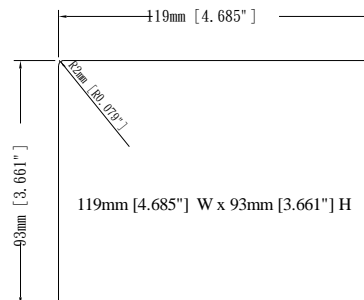
Top View



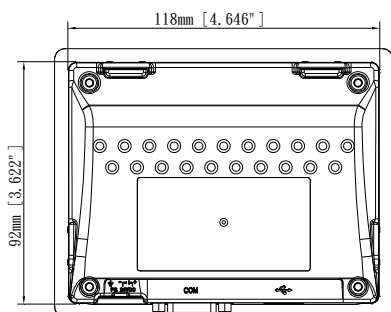
Front View



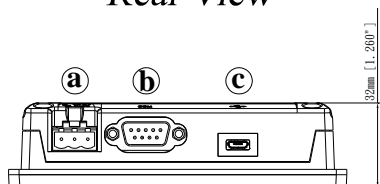
Side View



Cutout Dimensions



Rear View



Bottom View

| | |
|----|--|
| a. | Power Connector |
| b. | COM1 RS-232, RS-485 2W/4W, COM3 RS-485 2W |
| c. | Micro USB |

Pin Assignment:

COM1 [RS232], COM1 [RS485], COM3 [RS485], 9 Pin, Male, D-sub

| PIN# | COM1 [RS485] | | COM1 [RS232] | COM3 [RS485] |
|------|--------------|--------|--------------|--------------|
| | 4 wire | 2 wire | | |
| 1 | Rx- | Data- | | |
| 2 | Rx+ | Data+ | | |
| 3 | Tx- | | | |
| 4 | TX+ | | | |
| 5 | GND | | | |
| 6 | | | TxD | |
| 7 | | | | Data- |
| 8 | | | | Data+ |
| 9 | | | RxD | |

Ordering Information

□ RZCMU1800:

USB download cable / USB to Micro USB 2.0 180 cm