

MT6051iP



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.

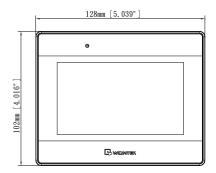
	Display	4.3" TFT LCD	
	Resolution	480 x 272	
Display	Brightness (cd/m ²)	400	
	Contrast Ratio	500:1	
	Backlight Type	LED	
	Backlight Life Time >30,000 hrs.		
	Colors 16.7M		
	LCD Viewing Angle (T/B/L/R)	50/70/70	
Touch Panel	Туре	4-wire Resistive Type	
TOUCH Faller	Accuracy	Active Area Length(X)±2%, Width(Y)±2%	
Memory	Flash	128 MB	
Wichioty	RAM	128 MB	
Processor		32 Bits RISC Cortex-A8 600MHz	
	USB Host	N/A	
	USB Client	USB 2.0 x 1 (Micro USB)	
I/O Port	Ethernet	N/A	
1/O 1 OIL	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.)	
	Input Power	24±20% VDC	
	Power Consumption	300mA@24VDC	
Power	Power Isolation	Built-in	
1 OWCI	Voltage Resistance	500VAC (1 min.)	
	Isolation Resistance	Exceed 50MΩ at 500VDC	
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)	
	PCB Coating	N/A	
Specification	Enclosure	Plastic	
	Dimensions WxHxD	128 x 102 x 32 mm	
Opcomodition	Panel Cutout	119 x 93 mm	
	Weight	Approx. 0.25 kg	
	Mount	Panel mount	
	Protection Structure	NEMA4 / IP65 Compliant Front Panel	
Environment	Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)	
Environment	Operating Temperature	0° ~ 50°C (32° ~ 122°F)	
	Relative Humidity	10~90% (non-condensing)	
Certification	CE	CE marked	
Software	Software EasyBuilder Pro		



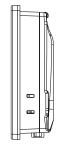
♦ Dimensions Drawing



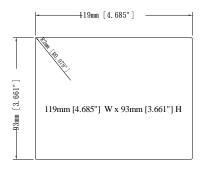
Top View



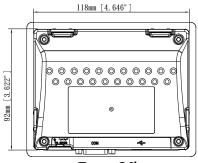
Front View



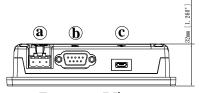
Side View



Cutout Dimensions



Rear View



Bottom View

ì.	Power	Connector

h	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	СОМЗ	
	4 wire	2 wire	[RS232]	[RS485]	
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