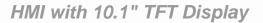


MT6103iP





New iP Series

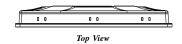
- Boasts excellent performance with better operation experience compared to its predecessor.
- 3 Upgrades! Weintek's compact HMI Series-iP has upgraded in every aspect to satisfy a variety of applications.
 - Equipped with Cortex A8 600MHz CPU.
 - Seamlessly upgraded from EB8000 to EasyBuilder Pro.
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

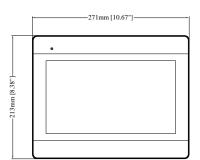
	Dieplay	10.1" TFT	
	Display Resolution	10.1 TFT	
	Brightness (cd/m ²)	400	
	Contrast Ratio	600:1	
Display	Backlight Type	LED	
	Backlight Life Time	>25000 hrs.	
	Colors	16.2M	
	LCD Viewing Angle (T/B/L/R)	60/60/70/70	
Touch Panel	Type	4-wire Resistive Type	
	Accuracy	Active Area Length(X)±2%, Width(Y)±2%	
Memory	Flash	128 MB	
	RAM	128 MB	
Писсесси	RAIVI		
Processor		32 Bits RISC Cortex-A8 600MHz	
I/O Port	SD Card Slot	N/A	
	USB Host	USB 2.0 x 1	
	USB Client	USB 2.0 x 1 (Micro USB)	
	Ethernet	N/A	
	COM Port	Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W Con.B: COM1 RS-232 4W/ COM3 RS-232 2W*	
., 0 : 0::	RS-485 Dual Isolation	N/A	
	CAN Bus	N/A	
	HDMI	N/A	
	Audio Output	N/A	
	Video Input	N/A	
RTC	viaco inpat	Built-in	
	Input Power	24±20% VDC	
	Power Consumption	650mA@24VDC	
_	Power Isolation	Built-in	
Power	Voltage Resistance	500VAC (1 min.)	
	3	,	
	Isolation Resistance	,	
	Isolation Resistance Vibration Endurance	Exceed 50MΩ at 500VDC	
	Vibration Endurance	,	
		Exceed 50MΩ at 500VDC 10 to 25Hz (X, Y, Z direction 2G 30 minutes)	
	Vibration Endurance PCB Coating	Exceed 50MΩ at 500VDC 10 to 25Hz (X, Y, Z direction 2G 30 minutes) N/A	
Specification	Vibration Endurance PCB Coating Enclosure	Exceed 50MΩ at 500VDC 10 to 25Hz (X, Y, Z direction 2G 30 minutes) N/A Plastic 271 x 213 x 36.4 mm	
Specification	Vibration Endurance PCB Coating Enclosure Dimensions WxHxD Panel Cutout	Exceed 50MΩ at 500VDC 10 to 25Hz (X, Y, Z direction 2G 30 minutes) N/A Plastic 271 x 213 x 36.4 mm 260 x 202 mm	
Specification	Vibration Endurance PCB Coating Enclosure Dimensions WxHxD	Exceed 50MΩ at 500VDC 10 to 25Hz (X, Y, Z direction 2G 30 minutes) N/A Plastic 271 x 213 x 36.4 mm	
Specification	Vibration Endurance PCB Coating Enclosure Dimensions WxHxD Panel Cutout Weight	Exceed 50MΩ at 500VDC 10 to 25Hz (X, Y, Z direction 2G 30 minutes) N/A Plastic 271 x 213 x 36.4 mm 260 x 202 mm Approx. 1 kg Panel mount	
	Vibration Endurance PCB Coating Enclosure Dimensions WxHxD Panel Cutout Weight Mount Protection Structure	Exceed 50MΩ at 500VDC 10 to 25Hz (X, Y, Z direction 2G 30 minutes) N/A Plastic 271 x 213 x 36.4 mm 260 x 202 mm Approx. 1 kg Panel mount NEMA4 / IP65 Compliant Front Panel	
Specification Environment	Vibration Endurance PCB Coating Enclosure Dimensions WxHxD Panel Cutout Weight Mount Protection Structure Storage Temperature	Exceed 50MΩ at 500VDC 10 to 25Hz (X, Y, Z direction 2G 30 minutes) N/A Plastic 271 x 213 x 36.4 mm 260 x 202 mm Approx. 1 kg Panel mount NEMA4 / IP65 Compliant Front Panel -20° ~ 60°C (-4° ~ 140°F)	
	Vibration Endurance PCB Coating Enclosure Dimensions WxHxD Panel Cutout Weight Mount Protection Structure Storage Temperature Operating Temperature	Exceed 50MΩ at 500VDC 10 to 25Hz (X, Y, Z direction 2G 30 minutes) N/A Plastic 271 x 213 x 36.4 mm 260 x 202 mm Approx. 1 kg Panel mount NEMA4 / IP65 Compliant Front Panel -20° ~ 60°C (-4° ~ 140°F) 0° ~ 50°C (32° ~ 122°F)	
	Vibration Endurance PCB Coating Enclosure Dimensions WxHxD Panel Cutout Weight Mount Protection Structure Storage Temperature	Exceed 50MΩ at 500VDC 10 to 25Hz (X, Y, Z direction 2G 30 minutes) N/A Plastic 271 x 213 x 36.4 mm 260 x 202 mm Approx. 1 kg Panel mount NEMA4 / IP65 Compliant Front Panel -20° ~ 60°C (-4° ~ 140°F)	

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

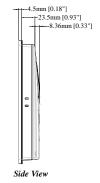
MT6103iP

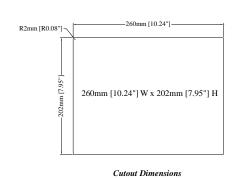
Dimensions

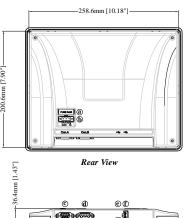




Front View







Bottom View

- a. Fuse
- b. Power Connector
- c. Con.A: COM2 RS-485 2W/4W, COM3 RS-485 2W
- d. Con.B: COM1 RS-232 / COM3 RS-232
- e. USB Client
- f. USB Host

Pin Assignment

COM1/3 [RS232] 9 Pin, Male, D-sub

PIN#	COM1 [RS232]	COM3 [RS232]		
1				
2	RxD			
3	TxD			
4				
5	GND			
6				
7	RTS	TxD		
8	CTS	RxD		
9	GND			

COM2/3 [RS485] 9 Pin, Female, D-sub

PIN#	COM2 [RS485]2W	COM2 [RS485]4W	COM3 [RS485]2W		
1	Data-	Rx-			
2	Data+	Rx+			
3		Tx-			
4		Tx+			
5		GND			
6			Data-		
7					
8					
9			Data+		

Contact: WEINTEK LABS., INC. TEL: +886-2-22286770 Web:www.weintek.com

MT6103iP1_DataSheet_ENG_20160718