

Module: HT2610

Overview

A new generation human-machine interface. It is high-quality and cost-effective touch screen, industrial ABS plastic shell, low cost, high reliability. The main board is treated with a special coating (three anti-paint) to adapt to harsh environments. The new model opens with a more practical down-line approach, and the redesigned front face has a better looking look, and higher resolution model is available.

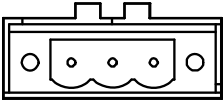
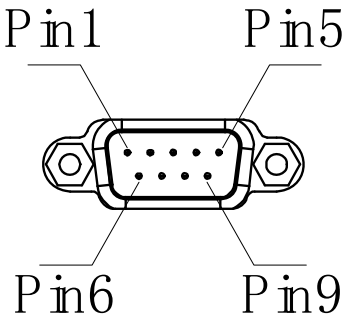


Appearance



Specifications

Hardware parameter	Display	10.1" 16:9 TFT LCD
	Resolution(WxH)	1024×600
	Colors	24-bit
	Brightness	400 cd/m ²
	Backlight	LED
	LCD Life	50000 hours
	Touch Panel	4 wires resistive touch screen(Surface hardness 4H)
	CPU	600MHz ARM Cortex-A8
	Memory	128M Flash + 128M DDR3
	RTC	Built in
	Ethernet	None
	USB Port	USB Slave 2.0 port*1,USB Host 2.0 port*1
	Download Project	USB Slave/U-disk
	COM Port	COM1:RS232/RS485/RS422, COM3:RS232
LCD viewing angle (T/B/L/R)	60'/60'/70'/70'	
Electrical Specifications	Power Consumption	< 10W
	Rated voltage	DC24V,working range DC 9V~28V
	Power Protection	Protected from thunder strike and surging
	Power Down Allowed	< 5mS
	CE & RoHS	Complied with EN61000-6-2:2005, EN61000-6-4:2007, RoHS, Surge Immunity:±1KV, EFT:±2KV,ESD:4KV, Air:8KV
Environmental Specifications	Operating Temperature	0~50℃
	Storage Temperature	-20~60℃
	Anti-UV	Not suitable to work in strong ultraviolet light (such as direct sunlight)
	Operating Humidity	10~90%RH (no condensate)
	Vibration Endurance	10~25Hz (X,Y,Z direction 2G/30 minutes)
	Cooling	Natural air cooling
Mechanical Index	Degree of Protection	Front IP65(with NEMA panel),Back IP20
	Enclosure	ABS+PC
	Panel Cutout	260mm*202mm
	Dimension	273mm*213mm*36mm
	Weight	About 890g

Wiring definition

Power terminal		
		
Pin1	FG	
Pin2	0V	
Pin3	DC24V	
DB9 Serial terminal		
		
Pin1	Rx-(B)	
Pin2	RxD (COM1 RS232)	
Pin3	TxD (COM1 RS232)	
Pin4	Tx-	
Pin5	GND	
Pin6	Rx+(A)	
Pin7	RxD (COM3 RS232)	
Pin8	TxD (COM3 RS232)	
Pin9	Tx+	
USB Host		
		
USB Type A	Used to connect U disk, scan code gun and other peripherals	
USB Slave		
		
Micro USB	Used to download programs and debug	

Dimension

