



Main Features

- Multi-touch capacitive touch screen, scratch-resistant, no drift.
- Industrial isolated power supply, spray coating treatment and applicable to various harsh environment.
- No need Buckles, easy and quickly to be installed.
- New configuration software, rich library, powerful features.

Specification

Display	: 9.7" 4:3 TFT LCD
Resolution (WxH)	: 1024×768
Colors	: 16-bit
Brightness	: 350 cd/m ²
Backlight	: LED
LCD Life	: 50000 hours
Touch Panel	: Glass+ Glass projective multi-touch capacitive HMI
CPU	: 600MHz ARM Cortex-A8
Memory	: 128M Flash + 128M DDR3
RTC	: Built in
Ethernet	: 10M/100M Adaptive
SD Card Port	: Support
USB Port	: USB Slave 2.0 Port*1, USB Host 2.0 Port*1
Download Port	: USB Device/U-disk/Ethernet
COM Port	: COM1:RS232/RS485/RS422 COM2/COM4:RS485 COM3:RS232
LCD Viewing Angle (T/B/L/R)	: 85°/85°/85°/85°

Electrical Specification :

Power Consumption	: < 8W
Input Power	: 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

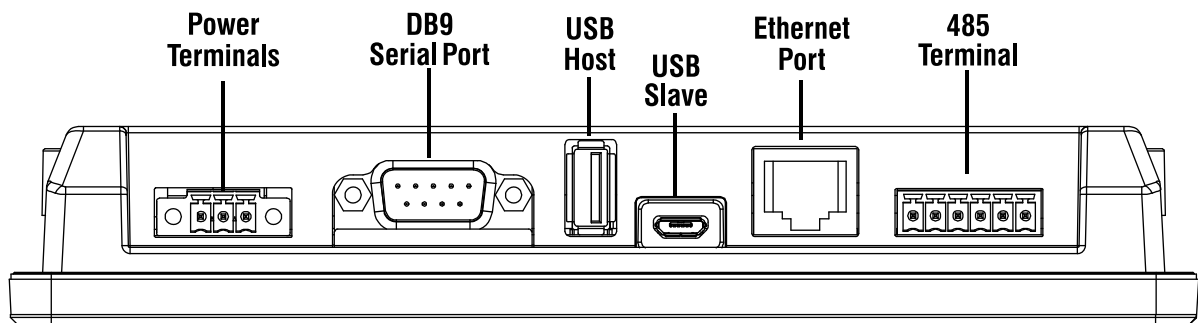
Environment Specification :

Operating Temperature	: -10~60°C
Storage Temperature	: -20~70°C
Anti-UV	: Not suitable to work in strong ultraviolet light (such as direct sunlight)
Operating Humidity	: 10~90%RH(Non condensation)
Vibration Endurance	: 10~25Hz(X,Y,Z direction 2G/30 minutes)
Cooling	: Natural air cooling

Mechanical Specification :

Degree of protection	: Front IP65(with NEMA panel), Back IP20
Enclosure	: Aluminium alloy + engineering plastic
Panel Cutout (WxH)	: 230mm×180mm
Dimension	: 247mm×197mm×31.5mm
Weight	: About 1100g

Wiring Definition

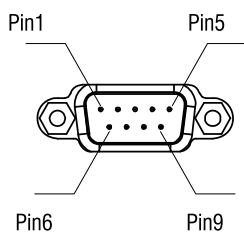


Power Terminal (Pin1 ~ Pin3 from left to right)



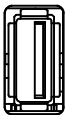
Pin1	FG
Pin2	0V
Pin3	DC 24V

DB9 Serial Terminal (Pin1 ~ Pin9 from left to right)



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
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USB Slave



Micro USB	Used to download programs and debug
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485 terminal (Pin1 ~ Pin6 from left to right)



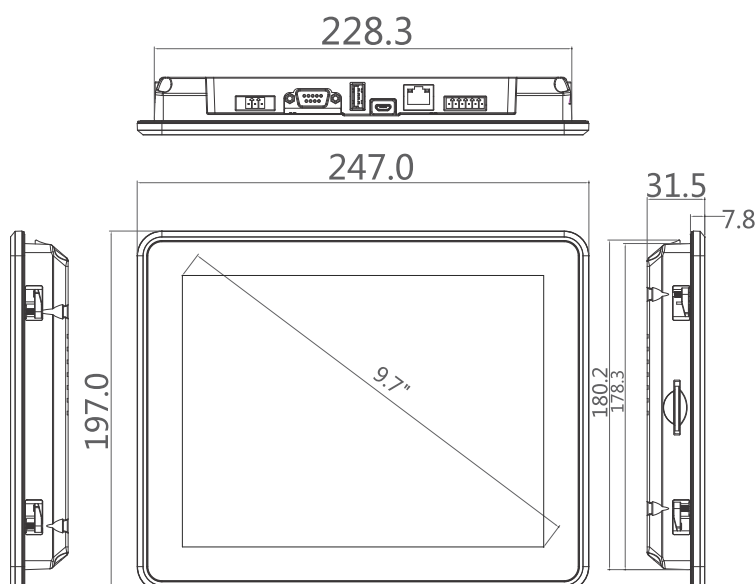
Pin1	A+ (COM2)
Pin2	B- (COM2)
Pin3	GND
Pin4	A+ (COM4)
Pin5	C- (COM4)
Pin6	GND

Ethernet Port



RJ45	Used to Ethernet setup with the controller or for connecting to a server.
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Dimensions & Panel Cutout



Panel Cutout (WxH) :
230mm (+/-1mm) X 180mm (+/-1mm)