



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	: 7 inch 16:9 TFT LCD
Resolution (WxH)	: 1024×600
Colors	: 24-bit
Brightness	: 450 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	: Available
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)	: 70°/75°/75°/75°

Electrical Specification :

Power Consumption	: < 6W
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

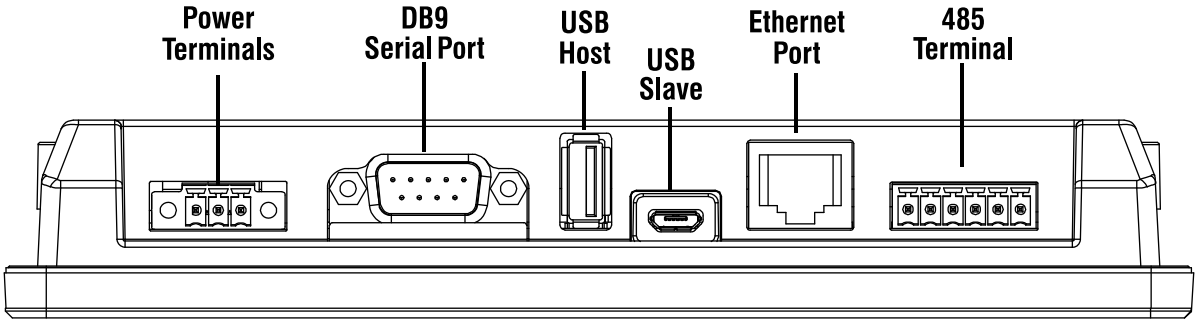
Environment Specification :

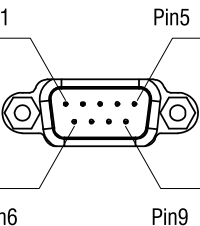
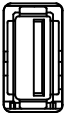
Operating Temperature	: -10~60°C
Storage Temperature	: -20~70°C
Anti-UV	: Not suitable to work in strong ultraviolet light (such as direct sunlight)
Operating Humidity	: 10~90%RH(Non condensation)
Vibration Endurance	: 10~25Hz(X,Y,Z direction 2G/30 minutes)
Cooling	: Natural air cooling

Mechanical Specification :

Degree of protection	: Front IP65(with NEMA panel), Back IP20
Enclosure	: Aluminium alloy + engineering plastic
Panel Cutout (WxH)	: 178mm×125mm
Dimension	: 185.1mm×131.1mm×30mm
Weight	: About 600g

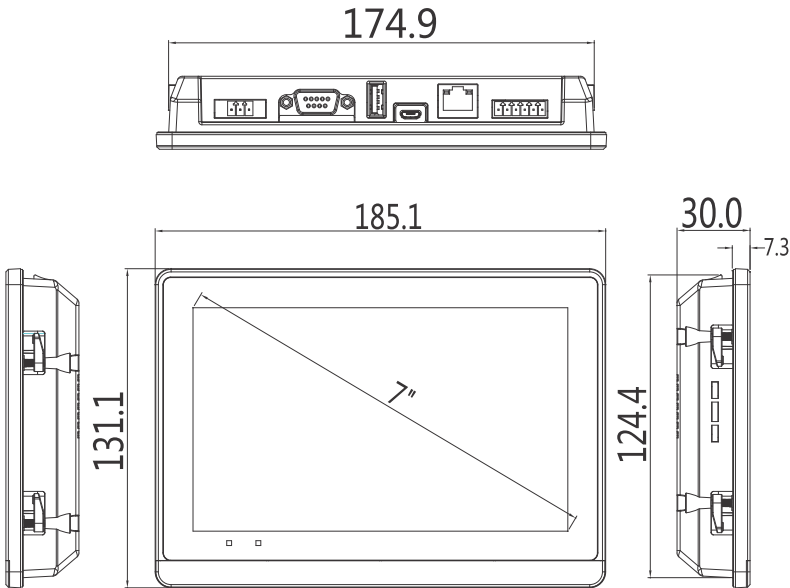
Wiring Definition



Power Terminal (Pin1 ~Pin3 from left to right)		
	Pin1	FG
	Pin2	0V
	Pin3	DC 24V
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
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.

Dimensions & Panel Cutout



Panel Cutout (WxH) :
178mm (+/-1mm) X 125mm (+/-1mm)