



SO

Economic Capacitive HMIs

- Projected capacitive, multi-touch Glass+Glass touch screen.
- high brightness, high contrast ratio, full viewing angle.
- Industrial isolation power supply, spray coating treatment and applicable to various harsh environment.
- Photoelectricity isolation communication ports.



- * Perfect experience and multi-touch.
- * Humanistic man-computer connection and easy-to-use configuration software.
- * Patented anti-shedding structure.
- * Patented auto-lock settings.

Hardware

Display	7"16"9 TFT LCD
Resolution(W×H)	1024×600
Colors	24 bit color
Brightness	450 cd/m ²
Backlight	LED
Backlight Life	50000 Hrs
Touch Panel	Glass+Glass projective multi-touch capacitive HMI
CPU	600MHz ARM Cortex-A8
Memory	128MB Flash + 128MB DDR3
RTC	Built in
Ethernet	10M/100M Ethernet
SD Card Connection	Available
USB Port	1 USB Device 2.0 ; 1 USB Host 2.0
Download Project	USB Device/U-disk/Ethernet
Com Port	COM1 : RS232/RS485/RS422 ; COM2/COM4 : RS485 ; COM3 : RS232

Electrical Specifications

Power Consumption	< 6W
Input Power	DC24V, Input Range: DC 9V~28V
Power Protection	Protected from thunderstrike and surging
Power Down Allowed	< 3mS
CE & RoHS	Complied with EN61000-6-2:2005, EN61000-6-4:2007, RoHS, Surge Immunity: $\pm 1KV$, EFT: $\pm 2KV$, ESD:4KV, Air:8KV

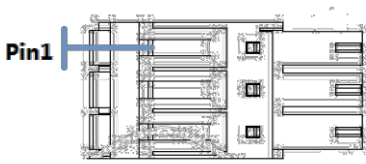
Environment Specifications

Operating Temperature	-10~60°C
Storage Temperature	-20~70°C
Operating Humidity	10~90%RH (No condensation)
Vibration Endurance	10~25Hz (X/Y/Z 2G/30Min)
Cooling	Natural cooling

Others

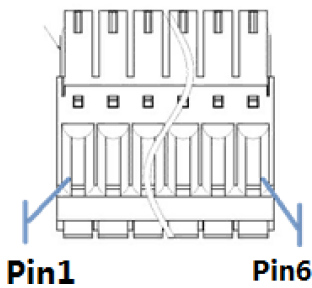
Degree of Protection	Front IP65 (with NEMA panel) , Back IP20
Shell Material	ABS+PC
Panel Cutout(W×H)	178mm×125mm
Dimension	185.1mm×131.1mm×30mm
Weight	About 650g

Power Terminals



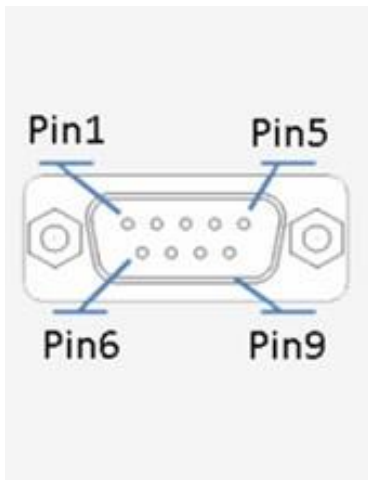
Pin1	FG
Pin2	GND
Pin3	DC24V

COM2/COM4



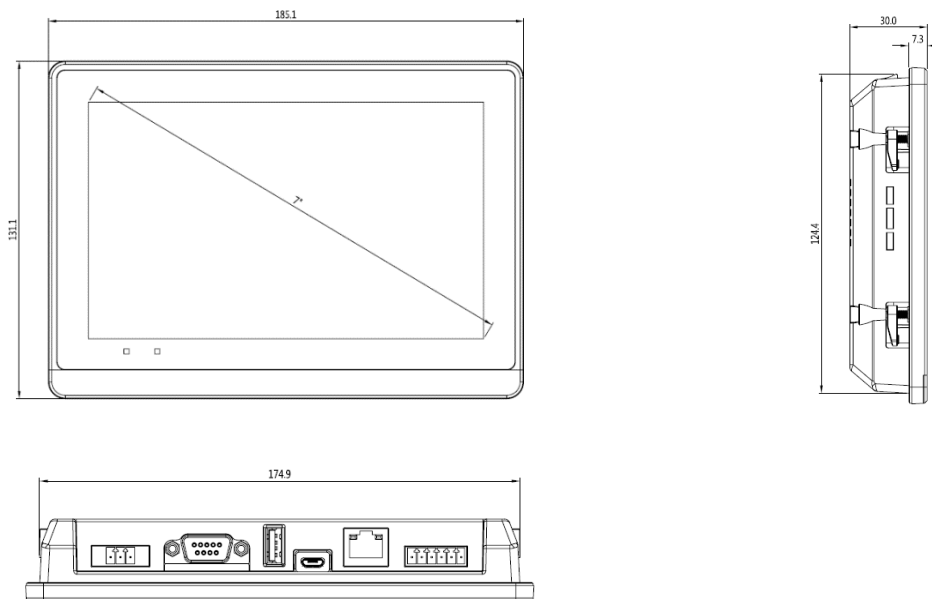
Pin1	A+(COM2)
Pin2	B-(COM2)
Pin3	GND
Pin4	A+(COM4)
Pin5	B-(COM4)
Pin6	GND

COM1/COM3(9DB Male Ports)



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+

Dimension



Panel Cutout(W×H)

Cutout Dimension:178*125

