

RTS series Touch Screen

Highlight:

7.0" 800×480 TFT LCD.

ABS+PC, plastic enclosure and with only 38mm thickness.

Industrial Isolated Power Supply module, 4 Serial Ports.

USB 2.0 Device Port and high-speed software downloading.

USB Host, Supporting USB Disk/USB Keyboard/Mouse expanded device etc.

SD Card supporting.

The mainboard is with spray coating treatment, adapt to harsh industrial environment.

Complied with RoHS.



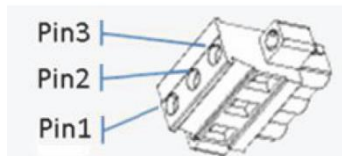
General Specification:

Model	RTS4070CE	
Technical parameter	Display	7" TFT LCD
	Resolution(WxH):	800×480
	Colors	24-bit
	Brightness	360cd/m ²
	Backlight	LED
	Backlight 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
	SD Card	Supporting
	Ethernet	10M/100M Ethernet
	USB port	USB Device 2.0*1, USB Host 2.0*1
	Download project	U-disk/USB Device/Ethernet/SD Card
	COM Port	COM1/COM2: RS232/RS485/RS422; COM3/COM4: RS232
Specifications	Power Consumption	< 10W
	Input Power	DC24V, working range DC 9V~28V
	Power Protection	Protected from thunder strike and surging
	Power down allowed	< 5ms
	CE	Complied with EN61000-6-2:2005, EN61000-6-4:2007,CE
	RoHS	RoHS, Surge Immunity:±1KV, EFT:±2KV; ESD:4KV, Air:8KV
Environment Specifications	Operating Temperature:	0~50C
	Storage Temperature:	-20~60C

	Operating Humidity:	10~90%RH (no condensate)
	Vibration Endurance:	10~25Hz (X、Y、Z direction 2G/30 minutes)
Others:	Degree of Protection:	Front IP65(with NEMA panel),Back IP20
	Shell Material:	ABS
	Panel Cutout:	192×138 (mm)
	Dimension:	204×145×44.5 (mm) (without terminals)
	Weight:	About 950g

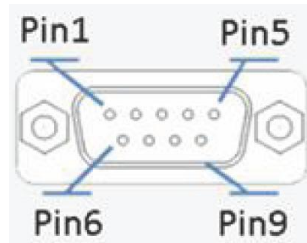
Power terminals:

Pin1	DC24V
Pin2	0V
Pin3	FG



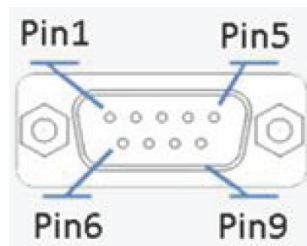
COM1/COM3 Communication Ports

Pin1	Rx-(B)
Pin2	RxD_PLC (COM1 RS232)
Pin3	TxD_PLC (COM1 RS232)
Pin4	Tx+
Pin5	GND
Pin6	Rx+(A)
Pin7	RxD_PC/PLC (COM3 RS232)
Pin8	TxD_PC/PLC (COM3 RS232)
Pin9	Tx+

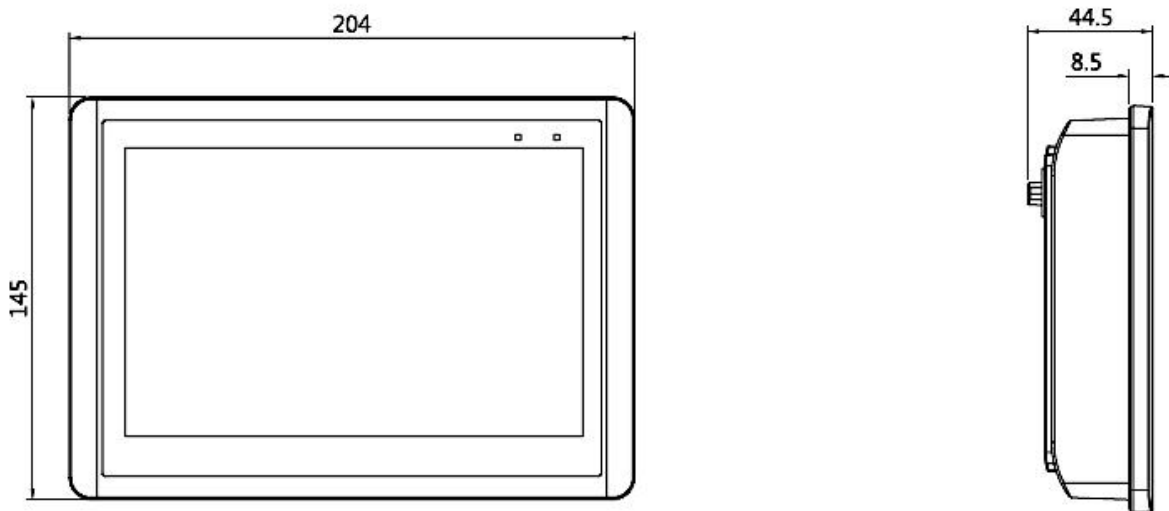


COM2/COM4 Communication Ports

Pin1	Rx-(B)
Pin2	RxD_PLC (COM2 RS232)
Pin3	TxD_PLC (COM2 RS232)
Pin4	Tx+
Pin5	GND
Pin6	Rx+(A)
Pin7	RxD_PC/PLC (COM4 RS232)
Pin8	TxD_PC/PLC (COM4 RS232)
Pin9	Tx+



Dimension



Hole Dimension

