HMI SX4000 Series

SX4000 New Metal HMIs

- Aluminum enclosure, low cost, high reliability.
- The main board is with spray coating treatment, adapt to harsh industrial environment.
- High resolution, high brightness, LED backlight.
- Simple dual communication ports, supporting USB Disk/USB
- Totally new configuration software, rich gallery and powerful function.

SX4070M

- 7.0" 800×480 TFT LCD.

- Metal 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.

- Wide temperature, working under -20~70C.

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

- Complied with ROHS, CE.

Technical Parameters

Display:	7" TFT LCD
Resolution(W x H):	800×480
Colors:	24-bit
Brightness:	360 cd/m^2
Backlight:	LED
Backlight Life:	50000 hours
Touch Panel:	4 wires resistive touch screen （Surface hardness 4H）
CPU:	600MHz ARM Cortex A8
Memory:	128MB Flash + 128MB DDR3
RTC:	Built in
Ethernet:	N/A
USB Port:	USB Device 2.0*1, USB Host 2.0*1
Download Project:	U-disk /USB Device
COM Port:	COM1：RS232/RS485/RS422 COM3：RS232

Specifications

Power Consumption	< 10W
Input Power	DC24V，working range DC 9V~28V
Power Protection	Protected from thunderstrike 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

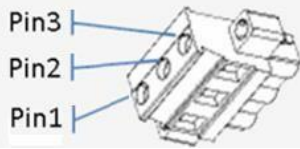|	
Operating Temperature:	-20~70C
Storage Temperature:	-30~80C
Operating Humidity:	10~90%RH（no condensate）
Vibration Endurance:	10~25Hz（X、Y、Z direction 2G/30 minutes）

Others：

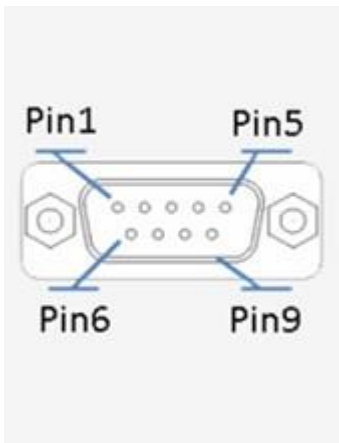|	
Degree of Protection:	Front IP65(with NEMA panel),Back IP20
Shell Material:	Front cover made by aluminum, and the surface with hard oxide treatment; Back cover made by galvanized sheet and the surface with dry spray treatment
Panel Cutout:	192×138（mm）
Dimension:	200×146×40(mm) （without terminals）
Weight:	About 800g

Ports Specifications

Power Terminals

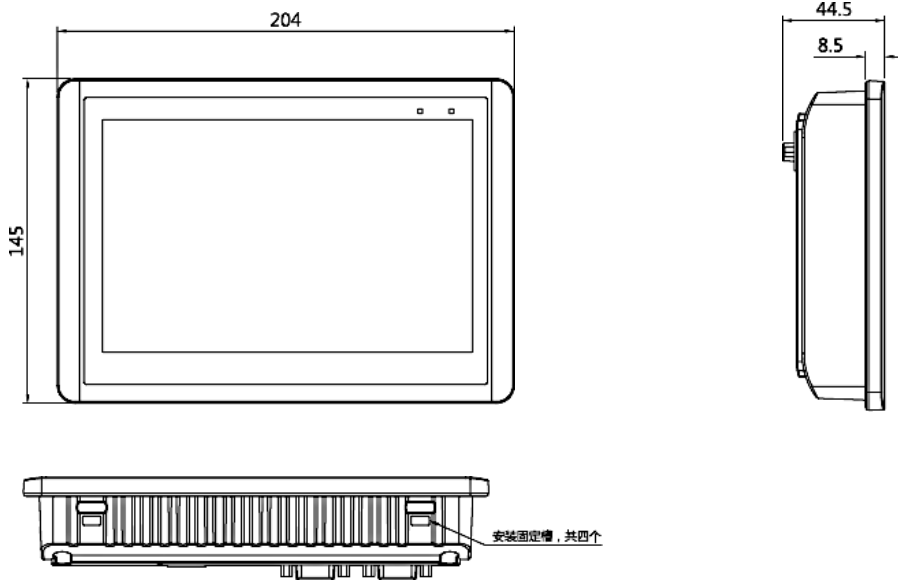|		
Pin1	DC24V	
Pin2	0V	
Pin3	FG	

COM1/COM3 Communication Ports (9DB Male)

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+

Dimension

Dimension

204

145

44.5

8.5

安装固定槽，共四个

Hole Dimension

嵌入式安装开口尺寸：192*138