

Series Model: SZ007

Overview

- 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.


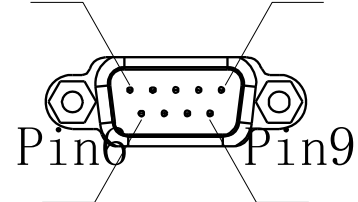





Appearance



Specifications

Hardware parameter	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 Project	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 Specifications	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 Specifications	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 Index	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 Terminals	DB9 Serial port	USB Host	Ethernet port	485terminal
USB Slave				
Power terminal (Pin1~Pin3 from left to right)				
	Pin1	FG		
	Pin2	0V		
	Pin3	DC24V		
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				
	MicroUSB	Used to download programs and debug		
485terminal (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 for Ethernet setup with the controller or for connecting to a server		

