

ECONOMIC HMI



Features :

- ARM Cortex A8 processor, high speed and easy flow, supporting animation formats.
- ABS+PC enclosure, low cost and high stability.
- Spray coating treatment and applicable to various harsh environment.
- High resolution, high brightness, LED backlight, LCD, energy-saving and environmental protection.
- Simplified double-line communication port, supporting USB connection, U-disk storage and downloading.

Type	SZ4043C	SZ4070C	SZ4070CE	SZ4070iE	SZ4097C	SZ4097iE
Display	4.3" TFT ICD	7" TFT ICD			9.7" TFT CD	
Resolution (WxH)	480 x 272	800 x 480			1024 x 768	
Colors	24-bit Colors			16-bit Colors		
Brightness	420 cd/m2	360 cd/m2			350 cd/m2	
Backlight	LED					
Backlight Life	50000 hours					
Touch Panel	4 wires resistive touch screen					
CPU	600MHz ARM Cortex-A8					
Memory	128MB Flash + 128MB DDR3					
RTC	Built in					
Ethernet	N/A	N/A	10M/100M		N/A	10M/100M
SD Card	N/A	N/A	Supporting		N/A	Supporting
USB Port	USB Host 2.0*1, USB Device 2.0*1					
Download Project	U-Disk/USB Device		U-Disk/USB Device/ SDCard/ Ethernet		USB Host/USB Device	U-Disk/USB Device/ SD Card/Ethernet
COM Port	COM1 : RS232/RS485/RS422 COM2/COM4 : RS485			COM1/COM2 : RS232/RS485/RS422 COM3/COM4 : RS232	COM1: RS232/RS485/RS422 COM3 : RS232	COM1/COM2 : RS232/ RS485/RS422 COM3/COM4 : RS232
Power Consumption	<5W	<10W			<10W	
Input Power	DC 24V, Input Range : DC 9V-28V			DC 24V, Input Range: DC 18V-28V	DC 24V, Input Range: DC 9V-28V	DC 24V, Input Range: DC 18V-28V
Degree of Protection	Protected from thunder strike and surging		Isolated power supply, protected from thunder strike and surging		Protected from thunder strike and surging	Isolated power supply, 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					
Operating Temperature	0-50℃					
Storage Temperature	-20-60℃					
Operating Humidity	10-90%RH (No Condensation)					
Vibration Endurance	10-25Hz (X/Y/Z 2G/30Min)					
Cooling	Natural air cooling					
Degree of Protection	Front IP65 (with NEMA Panel), Back IP20					
Shell Material	ABS					
Panel Cutout (WxH)	120mm x 93mm	192mm x 138mm			259mm x 201mm	
Dimension	128 x 102mm x 32mm	204mm x 145mm x 44.5mm			276mm x 213mm x 39mm	
Weight	About 430g	About 900g	About 650g	About 800g	About 1360g	About 1000g

MULTI - TOUCH CAPACITIVE HMI



Features :

- Projected capacitive, multi-touch Glass+ Glass HMI, nimble touch, highlight transmittance, anti-scratching, no drifting.
- IPS full view TFT LCD, high resolution, high brightness, clear under sunshine.
- ARM Cortex A8 processor, high speed and easy flow, supporting animation formats.
- Supporting multi-touch and gesture, specific page effect can be realized.
- Optional for high quality and economic products.

Type	SZ007	SZ010	SZ5070	SZ5097X	SZ5170	SZ5220
Display	7" 16:9 TFT LCD, IPS	9.7" 4:3 TFT LCD, IPS	7" 16:9 TFT LCD, full view	9.7" 4:3 TFT LCD, full view	17' TFT LCD, full HD, wide	22' TFT LCD, full HD, wide
Resolution (WxH)	1024 x 600	1024 x 768	1024 x 600	1024 x 768	1280 x 1024	1920 x 1080
Colors	24-bit Colors			16-bit Colors		
Brightness	450 cd/m2	3S0 cd/m2	450 cd/m2	350 cd/m2	350 cd/m2	250 cd/m2
Backlight	LED					
Backlight Life	50000 hours					
Touch Panel	Glass + Glass projective multi-touch capacitive HMI					
CPU	600MHz ARM Cortex-A8			800MHz ARM Cortex-A8		
Memory	128MB Flash + 128MB DDR3			256MB Flash + 256MB DDR3		
RTC	Built in					
Ethernet	10M/100M Ethernet					
SD Card	Supporting					
USB Port	1USB Host 2.0, 1USB Device 2.0					
Download Project	USB Disk! USB Device/Ethernet					
COM Port	COM1 : RS232/RS485/RS422 COM2/COM4 : RS485		COM1/COM2 : RS232/RS485/RS422 COM3/COM4 : RS232		COM1/COM2 : RS232/RS485/RS422 COM3 : RS232	
Power Consumption	<6W		<8W		< 18W	<20W
Input Power	DC 24V, Input Range : DC 9V - 28V		DC 24V, Input Range : DC 18V-28V			
Power Protection	Protected from thunderstrike and surging		Isolated power supply, protected from thunderstrike and surging		Protected from thunderstrike and surging	
Power Down Allowed	< 5mS					
CE & RoHS	Complied with EN61000-6-2 : 2005 EN61000-6-4 : 2007, RoHS					
Operating Temperature	-10-60°C		-20-70°C	-10-60°C		
Storage Temperature	-20-70°C		-30-80°C	-20-70°C		
Operating Humidity	10-90%RH (No condensation)					
Vibration Endurance	10-25Hz (X/Y/Z 2G/30Min)					
Cooling	Natural air cooling					
Degree of Protection	Front Ip65 (with NEMA panel), Back IP20					
Shell Material	ABS + PC		Front cover made by aluminum, and the surface with hard oxide treatment; The back cover is made of galvanized sheet, and the surface is with dry spray treatment			
Panel Cutout (WxH)	178mm x 12Smm	230mm x 180mm	18Smm x 123mm	230mmx180mm	370mm x 304mm or Wall Mounting Installation	S02mm x 302mm or Wall Mounting Installation
Dimension	185.1mm x 131.1mm x 30mm	247mm x 197mm x 31.5mm	194.3mm x 132.1mm x 41.2mm	247mm x 197mm x 31mm	392mm x 325mm x 62.5mm	530mm x 338mm x 61mm
Weight	About 680g	About 1240g	About 1000g	About 1100g	About 5800g	About 5300g