

# 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: $\pm 1$ KV, EFT: $\pm 2$ KV, ESD:4KV, Air:8KV					
Operating Temperature	0-50°C					
Storage Temperature	-20-60°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					
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