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