



SZ7G Series

Robot Dedicated Handheld Terminal

Product Features:

- Basic specifications: 7" TFT, 800×480 pixel, 16.77M color;
- Standard configuration: Three selection switch, emergency stop switch, holding switch 10 custom buttons and 2 indicator lights;
- Practical design: With both buttons and touch, it can be used in a wider range of occasions and more flexible choices;
- Move operation: Handheld terminal, standard 5m cable;
- A variety of installation methods, hanging type, bracket type, etc



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Model	SZ7G	SZ7GS	SZ7GE	SZ7GES
Performance specification				
Display size	7" TFT			
Resolution	800 × 480 pixel			
Display color	16.77M color			
Brightness	250 cd/m²			
Backlight	LED			
Touch panel	4 line precision resistance network (surface hardness 4H)			
Backlight life	50000 hours			
Programmable key	10			
Programmable LED	2			
Emergency stop switch	1			
3choice switch	1			
Holding switch	None	1	None	1
CPU	ARM RISC 32Bit 800MHz			
Storage	128MB NAND Flash Memory+128MB DDR3 Memory			
RTC&Recipe memory	Real time clock + 256KB			
Extensible memory	1个USB Host			
Print port	1 RS485, RS232		None	
Ethernet	None		One 10 / 100MHz adaptive port	
Program download	serial port(RS232)/USB		USB /Ethernet	
Communication port	RS485、RS232		Ethernet	
Electrical specifications				
Power	Built in isolation			
Rated power	8W			
Rated voltage	DC 24V			
Input power supply	DC16~32V			
Allowable loss of power	<3ms			
Insulation resistance	Over 50MΩ@500VDC			
Hi-pot test	500V AC 1minute			
Cable length	5M			
Structure specifications				
PCB	none of spraying			
Shell color	Black			
Shell material	Engineering plastic			
Shape size	220 × 156 × 45 mm			
Install	Bracket installation / suspension installation			
Environmental specifications				
working Temperature	0~50℃			
working Humidity	10~90%RH (non-condensing)			
Storage temperature	-10~60℃			
Storage humidity	10~90%RH (non-condensing)			
Sinusoidal vibration test	10~500Hz, 30m/s², X, Y, Z direction/hour			
Cooling mode	Natural air cooling			
Product certification				
Panel protection grade	Front panel protection grade is IP62 certified			
CE authentication	Front panel protection grade is IP62 certified and the whole machine is IP62 certified			
Software				
Configuration software	Kinco DTools V3.4.3 and above version			

Mechanical Dimensions (Unit: mm)

