



# 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
<b>Performance specification</b>				
Display size	7" TFT			
Resolution	800 × 480 pixel			
Display color	16.77M color			
Brightness	250 cd/m <sup>2</sup>			
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个RS485, RS232		None	
Ethernet	None		One 10 / 100MHz adaptive port	
Program download	serial port(RS232)/USB		USB /Ethernet	
Communication port	RS485、RS232		Ethernet	
<b>Electrical specifications</b>				
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			
<b>Structure specifications</b>				
PCB	none of spraying			
Shell color	Black			
Shell material	Engineering plastic			
Shape size	220 × 156 × 45 mm			
Install	Bracket installation / suspension installation			
<b>Environmental specifications</b>				
working Temperature	0~50°C			
working Humidity	10~90%RH (non-condensing)			
Storage temperature	-10~60°C			
Storage humidity	10~90%RH (non-condensing)			
Sinusoidal vibration test	10~500Hz, 30m/s <sup>2</sup> , X, Y, Z direction/hour			
Cooling mode	Natural air cooling			
<b>Product certification</b>				
Panel protection grade	IP65			
CE authentication	Front panel meets CE certification and the whole machine is IP62 certified			
<b>Software</b>				
Configuration software	Kinco DTools V3.4.3 and above version			

#### Mechanical Dimensions (Unit: mm)

