

1. 16 million true colors, fine display quality
2. High speed response for download, start and run
3. Support C programming language, calculation, drawing, free format making
4. Support BMP, JPG picture displaying
5. Rich 3D gallery can make the screen more vividly
6. Support various data process modes, such as time trend map, XY trend map...
7. Self-defined animation track, many choices for component
8. Two direction transferring the data and store the recipe data, improve the efficiency

Products features

1. ARM9 400MHz CPU, 128MB ROM, 128MB RAM
2. 7 inch LCD, 16 million colors TFT LCD, LED backlight, resolution 800*480
3. 2 COM ports, support RS232/RS485/RS422, 2 ports can communicate independently
4. RTC inside
5. 2 USB ports, support data transferring and backup
6. Ethernet communication (communicate with Modbus-TCP device and Siemens S7-1200)

Type notes:

TG765-MT: USB-B port

TG765-UT: USB-B port, USB-A port

TG765-ET: USB-B port, USB-A port, Ethernet port

Specifications:

Item		TG765
Electric	Input voltage	DC22-DC26V
	Current consumption	200mA
	Momentary power off allowance	Less than 10ms
	Withstand voltage	AC1000V-10mA 1 minute (signal and time)
	Insulated impedance	DC500V- about 10MΩ (signal and time)
Port	COM1	RS-232/RS-485
	COM2	RS-232/RS-422/RS-485
	USB1	USB-A (USB2.0)
	USB2	USB-B (USB2.0)
Ambient	Operate temperature	0-50°C
	Storage temperature	-20-60°C
	Humidity	10-90% (no condensation)
	Withstand vibration	10-25HZ (X, Y, Z each direction 30 minutes 2G)
	Noise immunity	Voltage noise: 1500Vp-p, pulse 1Ms, 1 minute
	Surrounding air	No corrosive gas
	Protection level	IP65
Screen	Type	16 million true colors
	Screen size	7 inch
	Using life	More than 50000 hours, 24 hours running when surrounding temperature is 25 °C
	Resolution	800*480
	Contrast	adjustable for hardware v1.0 and above
	Language	Chinese, English, German, French and so on
	Character	Any size and font
Touch panel	4-wire resistance mode	
Memory	Screen	128MB
Construction	Cooling method	Natural air cooling
	Dimension	204.0*150.5*43.9
	Mounting dimension	192.0*138.5

