



## TG465-MT/UT

### Product description

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, Memory 128MB
2. 4.3 inch LCD, 16 million colors TFT LCD, LED backlight, resolution 480\*272
3. 1 COM port, support RS232/RS485
4. RTC inside
5. 2 USB ports, support data transferring and backup

### Type notes:

TG465-MT: USB-B port  
 TG465-UT: USB-B port, USB-A port

### Specification:

Item		TG465
<b>Electrical</b>	Input voltage	DC20-DC28V
	Consumption current	140mA
	Momentary power off allowance	Less than 10ms
	Withstand voltage	AC1000V-10mA 1 minute ( signal and time )
	Insulated impedance	DC500V- about 10MΩ ( signal and time )

<b>Interface</b>	USB1	USB-A ( accord with USB2.0 )
	USB2	USB-B ( accord with USB2.0 )
	COM1	Support RS232, RS485
<b>Environment</b>	Environment temperature	20-85% ( no condensation )
	Operation temperature	0—50°C
	Reserve temperature	-20-60°C
	Withstand oscillation	10-25Hz ( X, Y, Z each direction 30 minutes 2G )
	Anti-jamming	Voltage noise: 1000Vp-p, pulse 1us, 1 minute
	Surrounding air	No corrosive gas
	Protection construction	IP65
<b>Screen specification</b>	Use life	More than 50000 hours, 24 hours running when surrounding temperature is 25 °C
	Type	160000 true colors
	Screen size	4.3 inch
	Resolution	480*272
	Contrast	Non-adjustable
	Character	Chinese, English, Korean, Japanese...
	Character size	Any size and font
Touch panel	4-wire resistance mode	
<b>Memory</b>	Screen	64MB
<b>Construction</b>	Mounting dimension	144.0*94.0mm
	Exterior dimension	152.0*102.0*41.8mm
	Cooling method	Natural air cooling

Dimension (unit: mm)

