

Product information

Programmable Display TECHNOSHOT TS1000 series

Read online: <http://monitouch.fujielectric.com/site/technoshot-e/ts1100-01.html>

Wide screen to display more information

TS1100/TS1101 series         



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Specifications of TS1100/TS1101

Model		TS1100i	TS1100	TS1101i
Display	Display size		10.2" Wide	
	Resolution		800 × 480 dots	
	Display device		TFT color LCD	
	Colors		65,536 colors	
	Backlight		LED	
	Luminance		350 cd/m ²	
Touch switch			Analog resistance film	
Memory	FROM		10.5 MB	
	SRAM		128 KB	

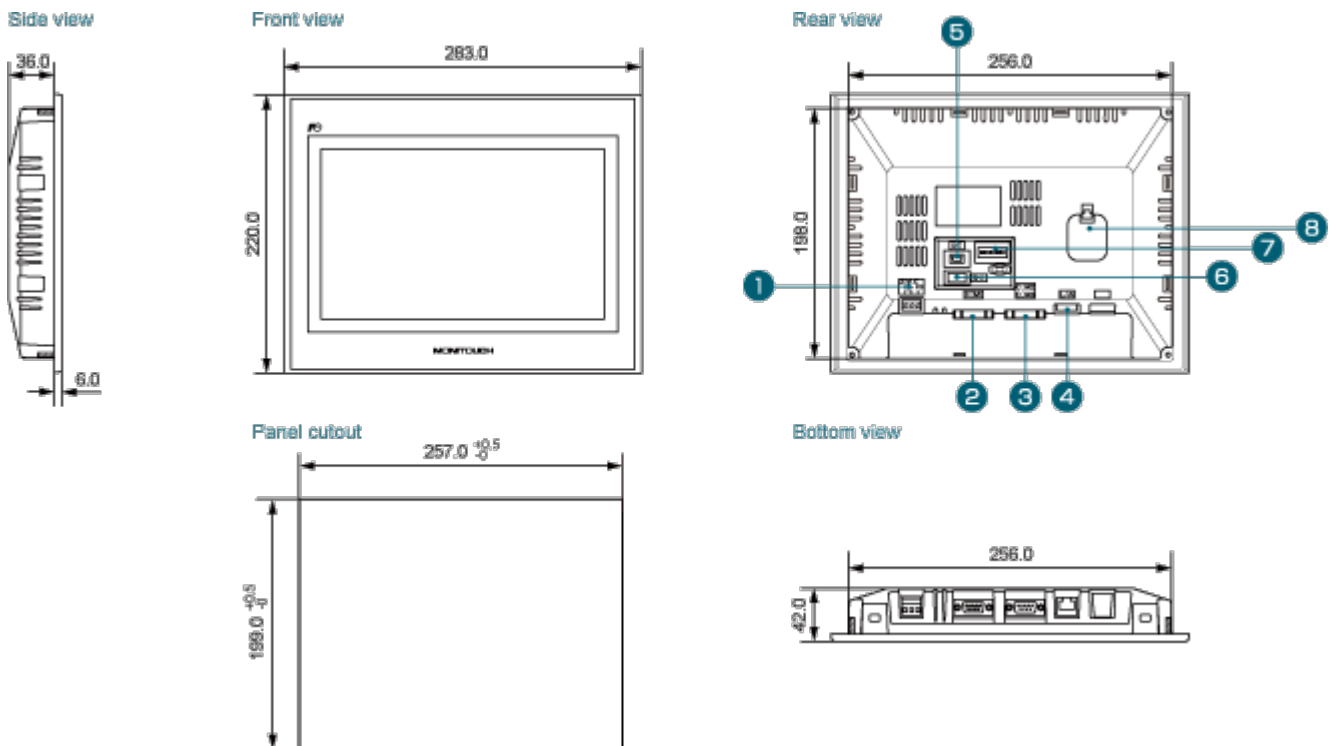
Model		TS1100i	TS1100	TS1101i
External interface	Serial	COM1	RS-422/485, Asynchronous, Data length: 7,8 bits, Parity: even/odd/none, Stop bit: 1,2 bits Baud rate: 4800/9600/19200/38400/57600/76800/115200/187500 * 1bps	
		COM2 & COM3	RS-232C, Asynchronous, Data length: 7,8 bits, Parity: even/odd/none, Stop bit: 1,2 bits Baud rate: 4800/9600/19200/38400/57600/76800/115200 bps	
			RS-422/485(two-wire system), Asynchronous, Data length: 7,8 bits, Parity: even/odd/none, Stop bit: 1,2 bits Baud rate: 4800/9600/19200/38400/57600/76800/115200 bps	
	Ethernet	100BASE-TX/10BASE-T	-	100BASE-TX/10BASE-T
	USB (Type A)	1 port (Ver. 2.0,Ver.1.1)		
	USB (Type mini B)	1 port (Ver. 2.0,Ver.1.1)		
	Clock	Battery	Coin-type lithium primary battery	
Calendar accuracy		Gap±5 sec. per month (Ambient temperature 25 °C)		
Power supply	Permissible range of voltage	DC 24 V ± 10 %		
	Demand (maximum rating)	16 W or less		
Physical environment	Ambient operating temperature	0~50 °C * 2		
	Ambient storage temperature	-10~60 °C * 2		
	Relative humidity	85 % RH or less(without dew condensation, Max. wet bulb temperature:39 °C or less)		
	Operation altitude	2,000 meters or less		
	Operation atmosphere	Not exposed to corrosive gas or excessive dust (free of conductive dust)		
	Contamination level	Level 2		
Installation conditions	Dimensions W × H × D	283.0 × 220.0 × 42.0 mm		
	Panel cutout W × H	257.0 × 199.0 mm (+0.5/-0)		
	Protect structure	Front panel: Compatible with IP65 (when waterproof gasket * 3is used.), Rear cabinet: Compatible with IP20 Form: Single unit, Installation method: Panel mounting		
Case color	Black			

Model	TS1100i	TS1100	TS1101i
Compatibility	CE, KC		CE, KC, UL, cUL

- *1 Available only when connected with SIEMENS MPI.
- *2 Keep wet bulb temperature under 39°C to avoid an accident.
- *3 Option

Outline drawing of TS1100/TS1101

(Unit: mm)



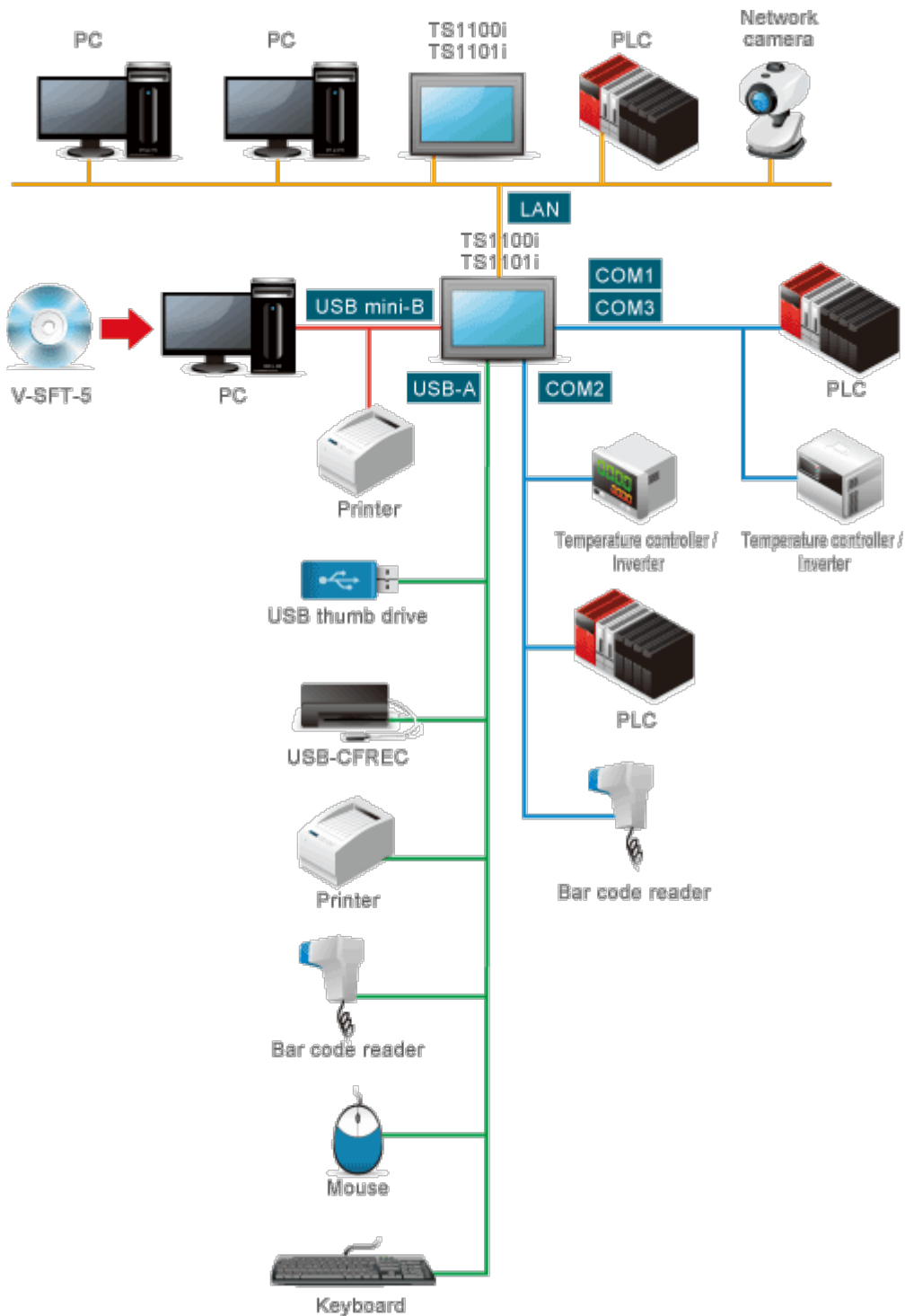
Part Names

1. ① Power supply terminal
2. ② Serial D-sub 9-pin (COM1)
3. ③ Serial D-sub 9-pin (COM2/COM3)
4. ④ 100BASE-TX/10BASE-T connector (LAN)
5. ⑤ USB slave (Type mini B)
6. ⑥ USB master (Type A)
7. ⑦ DIP switch
8. ⑧ Battery

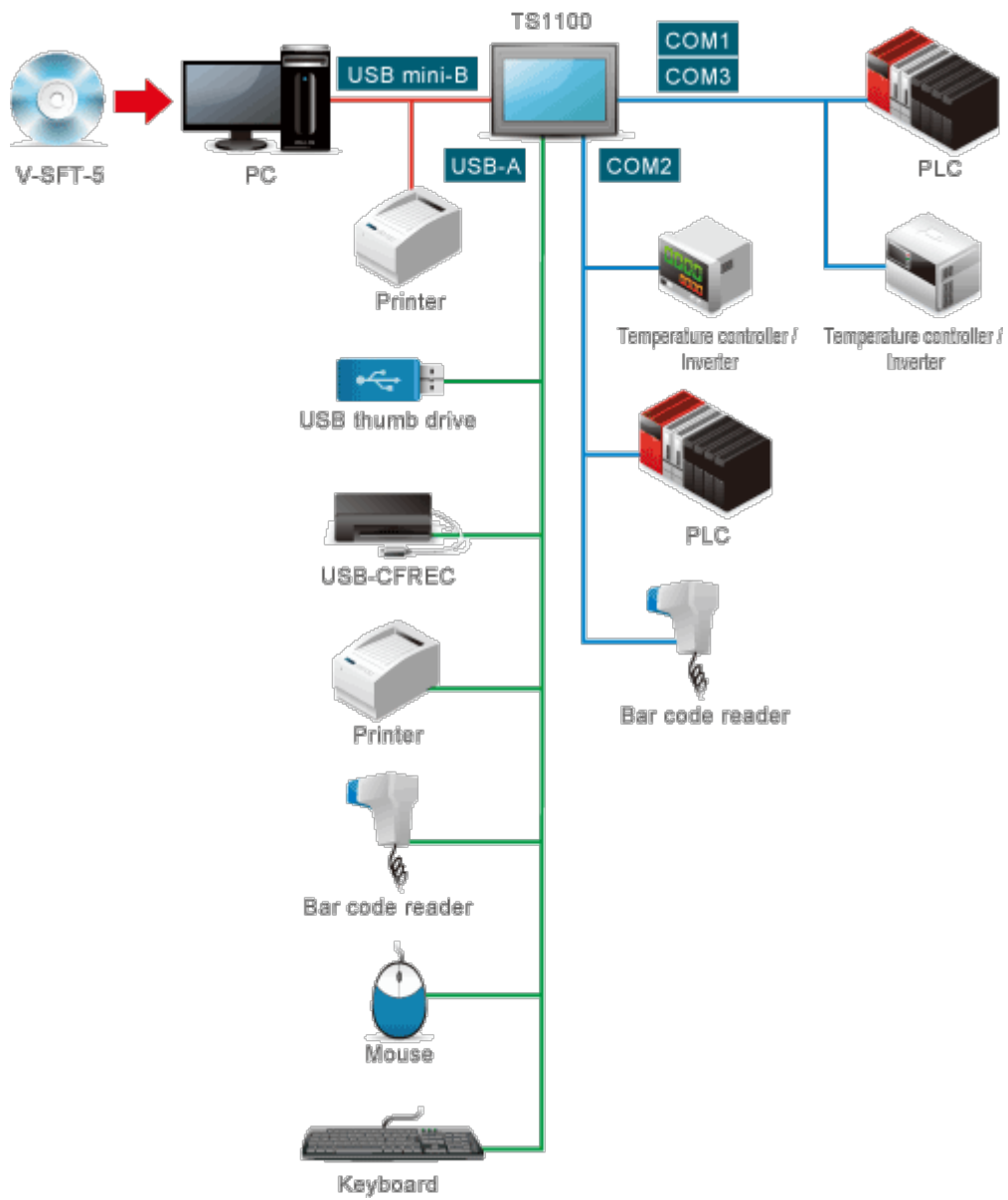
System configuration of TS1100/TS1101

— Ethernet — USB-A — Serial — USB mini-B

TS1100i/TS1101i



TS1100



Available manuals of TS1100/TS1101

Item	Description	Language	Updated date
Hardware Specifications	TECHNOSHOT hardware specifications	English	2013/6/7
Connection Manual	Contains instructions about the wiring and setting of communication signals between TECHNOSHOT units and controllers.	English	2013/5/14
Training Manual	Contains instructions for beginners on how to create a TS panel screen.	English	2013/4/1
Catalog	TECHNOSHOT product catalog	English	2014/9/25

List of TS1000 Series Accessories

Configuration Tool



V-SFT-6 (configuration software)

Application software for editing screen programs.

Supported operating systems:

Windows XP, XP 64 Edition, Vista (32-bit, 64-bit), 7 (32-bit, 64-bit), 8 (32-bit, 64-bit), 8.1 (32-bit, 64-bit), 10 (32-bit, 64-bit)



USB-CFREC

(CF card recorder (USB))

Used for recording or reading data onto/from a CF card. Fitted on the control panel.



**TS1070-WP /
TS1100-WP**

(Waterproof gasket)

Waterproof gasket for operation panels (used when waterproof level IP65 is required)



UA-FR

(USB-A port cable)

Cable to connect to the USB-A (slave) port.