

# Product information

## Programmable Display TECHNOSHOT TS1000Smart Series

Read online : <http://monitouch.fujielectric.com/site/technoshot-e/ts1070s-01.html>

Compact and highly functional

TS1070S/TS1070Si



TS1070Si

TS1070S

- [Specifications](#)
- [Dimensions](#)
- [System Configuration](#)

### Specifications of TS1070S/TS1070Si

Model		TS1070S	TS1070Si
Main unit specifications	Screen size	7.0" widescreen	
	Display device	TFT color	
	Resolution	800 x 480 dots	
	Colors	65,536 colors	
	Backlight	LED	
	Touch screen	Analog resistive	
	Certifications	CE / KC / UL / cUL	
User Memory	FROM	26 MB	
	SRAM	128 KB	

Model		TS1070S	TS1070Si
External interface specifications	COM1 D-Sub 9 pin (female)	RS-422/RS-485(4-wire/2-wire) Data length: 7,8 bits Parity: even,odd,none Stop bit: 1,2 bits Baud rate: 4800,9600,19200,38400,57600,76800,115200,187500 <sup>1</sup> bps	
	COM2/COM3 D-Sub 9 pin (male)	COM2:RS-232C COM3: RS-422/RS-485(2-wire) Data length: 7,8 bits Parity: even,odd,none Stop bit: 1,2 bits Baud rate: 4800,9600,19200,38400,57600,76800,115200 bps	
	LAN RJ-45	-	1 ch
	USB-A	1 ch	
	USB mini-B	1 ch	
Power supply	Permissible range of voltage	24 V DC $\pm$ 10 %	
	Power consumption (max. rating)	11W or less	
Physical environment	Ambient temperature	0 to 50°C <sup>2</sup>	
	Ambient humidity	85% RH or lower(non-condensing) <sup>2</sup>	
	Contamination level	2	
	Operation altitude	2,000 m or less	
	Atmosphere	Not to be exposed to corrosive gas, or conductive dust	
	Storage ambient temperature	-10 to 60°C <sup>2</sup>	
	Storage ambient humidity	85% RH or lower(non-condensing) <sup>2</sup>	
Installation conditions	Protective structure	Panel front	IP65 equivalent (when using waterproof gasket <sup>3</sup> ), IP40 equivalent (when not using waterproof gasket <sup>3</sup> )
		Rear case	IP20 equivalent
	Dimensions W x H x D	198.8 x 141.8 x 38.0 mm	
	Panel cutout	189.0 x 134.0 (+0.5/-0)mm	

Model	TS1070S	TS1070Si
Case color	Black	

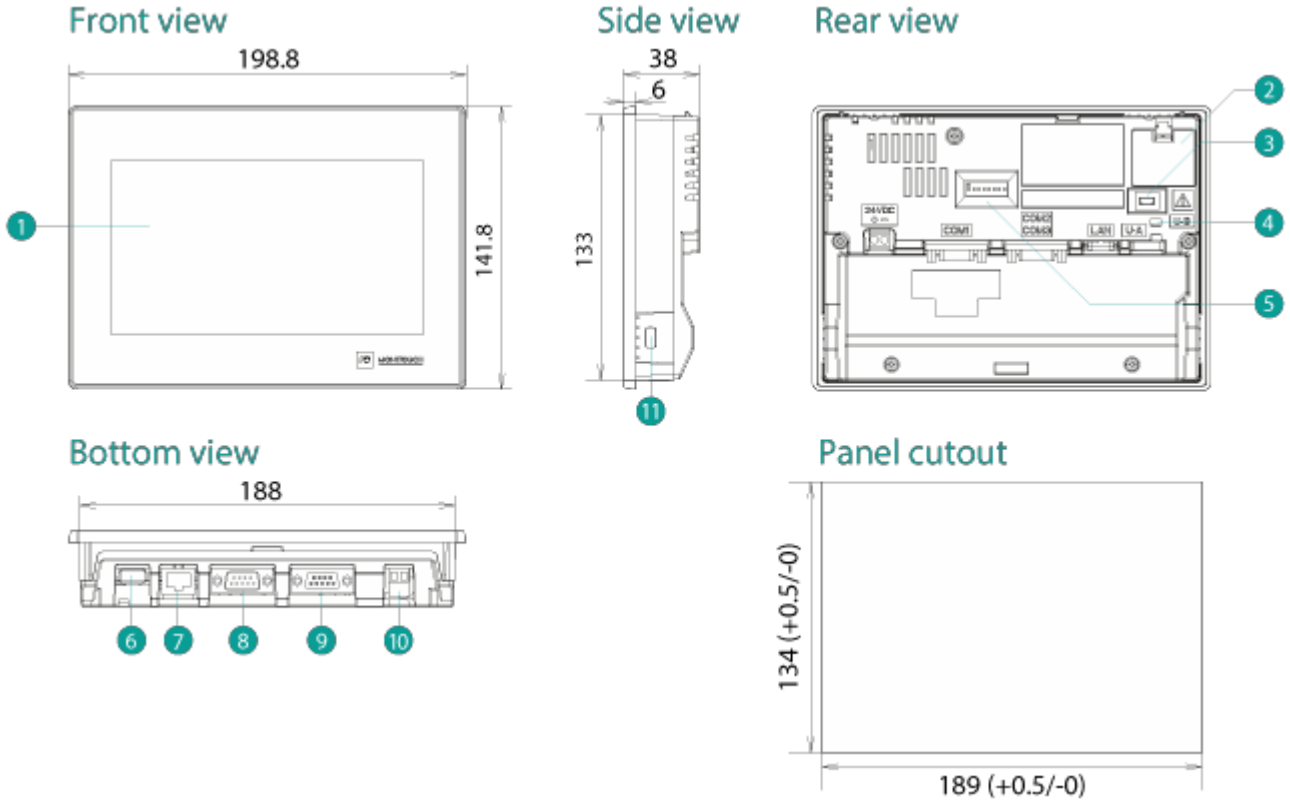
- \*1 187500 bps is only relevant to Siemens AG MPI/PPI communications.
- \*2 Use at a wet-bulb temperature of 39°C or lower to avoid damage.
- \*3 This is an optional item.

Dimensions

# Outline drawing of TS1070Si/TS1070S

## Dimensions and Part Names

(Unit: mm)



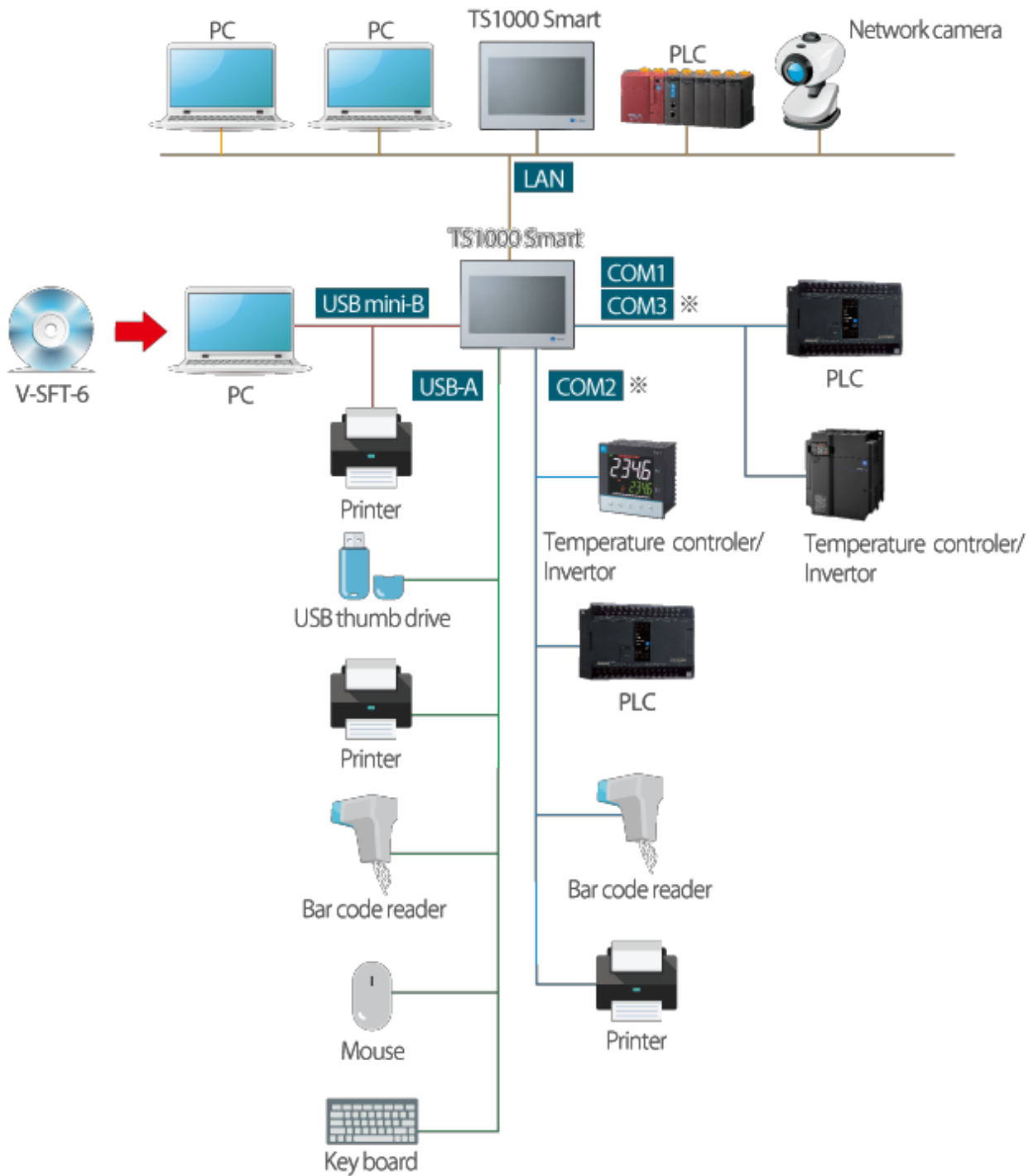
## Part Names

1. ① Display
2. ② Battery compartment
3. ③ USB mini-B (U-B)
4. ④ USB cable retention
5. ⑤ Dip switch
6. ⑥ USB-A (U-A)
7. ⑦ Ethernet port 100BASE-TX/10BASE-T connector (LAN)\*
8. ⑧ RS-232C/RS-422/RS-485 connector (COM2/COM3)
9. ⑨ RS-422/RS-485 connector (COM1)
10. ⑩ Power input terminal block
11. ⑪ Mounting point

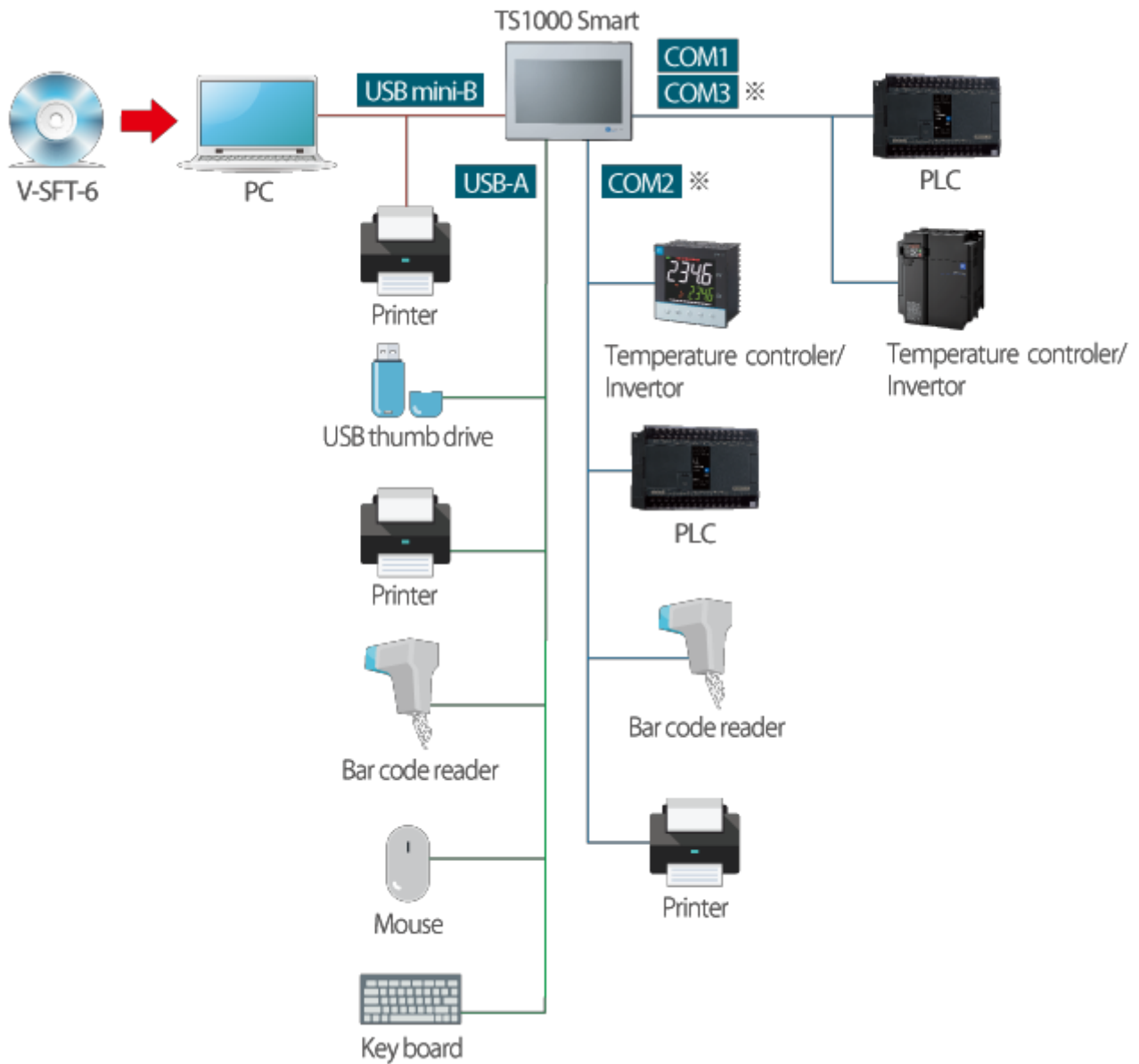
\* Only TS1070Si.

# System configuration of TS1070Si/TS1070S

TS1070Si



TS1070S



※COM2 and COM3 are the same port.  
COM2 and COM3 can be used simultaneously.