Fⓔ Fuji Electric
Innovating Energy Technology

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January 15, 2019

<u>Notice of Discontinued Product</u>

Greetings:

We thank you for your business and your continued support of Fuji Electric HMI Products.

This is notification that the MONITOUCH HMI TECHNOSHOT TS1000 Series will be discontinued. The TS1000 Smart Series will be the upgraded successor product. We have developed the following information about the discontinuation and the upgrade guide for your review and migration planning.

Discontinued Model	MONITOUCH HMI TECHNOSHOT TS1000 Series
Reason of Discontinuance	Production upgrade
Replacement Model Please refer to the Replacement Guide	MONITOUCH HMI TECHNOSHOT TS1000 Smart Series
Last Purchase Order Date	March 31, 2020
Price Increase	None
Repair Service	7 years from the last purchase order date (NEW)

TS1000 applications can be easily migrated to the TS1000 Smart Series with the configuration software V-SFT-5 (*Ver. 5.4.44.0 and later.) You can download the update module from our website for free (click.) Additionally, the panel cutout size of TS1000 Series and TS1000 Smart Series are the same, so there is no need to modify the enclosure.

We appreciate your understanding and cooperation. Please contact us should you have any questions or concerns about this upcoming discontinuation and/or transition path to the TS1000 Smart Series.

Sincerely,

David Schrader

David Schrader
General Manager
AC Drives and HMI Departments
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Fuji Electric HMI MONITOUCH
## List of TS1000 Series: Discontinued Products and Replacement Products

Item	Size	Discontinued Model	Specifications	PW		Replacement Model	Specifications	PW
HMI	7"	TS1070	TFT color LCD, WVGA, silver bezel	DC24V	⇒	TS1070Si	TFT color LCD, WVGA, LAN, silver bezel, UL	DC24V
		TS1070i	TFT color LCD, WVGA, LAN, silver bezel	DC24V	⇒	TS1070Si	TFT color LCD, WVGA, LAN, silver bezel, UL	DC24V
		TS1071i	TFT color LCD, WVGA, LAN, silver bezel, UL	DC24V	⇒	TS1070Si	TFT color LCD, WVGA, LAN, silver bezel, UL	DC24V
		TS1071i-U126	TFT color LCD, WVGA, LAN, black bezel, UL	DC24V	⇒	TS1070Si-U126	TFT color LCD, WVGA, LAN, black bezel, UL	DC24V
	10.2"	TS1100	TFT color LCD, WVGA, silver bezel	DC24V	⇒	TS1100Si	TFT color LCD, WVGA, LAN, silver bezel, UL	DC24V
		TS1100i	TFT color LCD, WVGA, LAN, silver bezel	DC24V	⇒	TS1100Si	TFT color LCD, WVGA, LAN, silver bezel, UL	DC24V
		TS1101i	TFT color LCD, WVGA, LAN, silver bezel, UL	DC24V	⇒	TS1100Si	TFT color LCD, WVGA, LAN, silver bezel, UL	DC24V
		TS1101i-U126	TFT color LCD, WVGA, LAN, black bezel, UL	DC24V	⇒	TS1100Si-U126	TFT color LCD, WVGA, LAN, black bezel, UL	DC24V

TECHNOSHOT
TS1000 Smart series
Replacement Guide
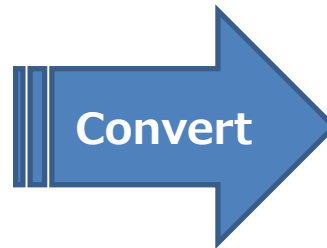
TS1000 series   **Convert**   TS1000 Smart series

1. TS1000 Smart series - Model

TS1070Si
TS1070Si-U126 CE KC c(UL)us LISTED

TS1100Si
TS1100Si-U126 CE KC c(UL)us LISTED

NEW

WVGA	64K Colors	TFT	LED Backlight	3ch Serial	Master/ Slave USB	Ethernet

T S 1 □ □ 0 S □ - □

Screen size
07 : 7.0" widescreen
10 : 10.2" widescreen

Interface
i : Built-in Ethernet port
N/A : No built-in Ethernet port

Bezel
U126 : Black bezel without logos
N/A : Silver bezel with logos

1

2. Comparison of Specifications (7")

NEW

Model	TS1070Si, TS1070Si-U126	TS1071i, TS1071i-U126
Display device	TFT color	TFT color
Display colors	65,536 colors	65,536 colors
Resolution	800 × 480 dots	800 × 480 dots
Touch switch	Analog	Analog
Comm. I/F Serial	D-sub 9pin (COM1): RS422, RS485 D-sub 9pin (COM2/3): RS232C, RS485	D-sub 9-pin (COM1): RS422, RS485 D-sub 9-pin (COM2/3): RS232C, RS485
USB	USB-A, USB-miniB	USB-A, USB-miniB
LAN	1CH	1CH
FROM	26MB	10.5MB
Power supply	DC24V	DC24V
Standards	CE/KC/UL/cUL	CE/KC/UL/cUL

2

2. Comparison of Specifications (10.2")

NEW

Model	TS1100Si, TS1100Si-U126	TS1101i, TS1101i-U126
Display device	TFT color	TFT color
Display colors	65,536 colors	65,536 colors
Resolution	800 × 480 dots	800 × 480 dots
Touch switch	Analog	Analog
Comm. I/F — Serial	D-sub 9pin (COM1): RS422, RS485 D-sub 9pin (COM2/3): RS232C, RS485	D-sub 9-pin (COM1): RS422, RS485 D-sub 9-pin (COM2/3): RS232C, RS485
Comm. I/F — USB	USB-A, USB-miniB	USB-A, USB-miniB
Comm. I/F — LAN	1CH	1CH
FROM	26MB	10.5MB
Power supply	DC24V	DC24V
Standards	CE/KC/UL/cUL	CE/KC/UL/cUL

3. Power Supply Terminal

	TS1000 Smart series		TS1000 series	
Power supply terminal	DC24V (+/- terminal only. No FG terminal) Screw head: plus (+)	24VDC + − 24 VDC power supply ±10 %	DC24V (+/- /FG terminal) Screw head: minus (-)	24VDC + − FG Power supply 24 VDC ± 10 % Grounding
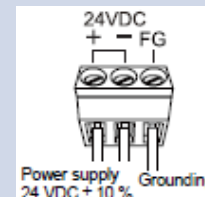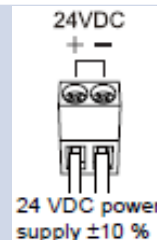
* TS1000 Smart series is not equipped with a frame ground (FG) terminal. When replacing TS1000 series with the TS1000S, there is no wiring of the FG.

* Use a dedicated 24-V power supply for supplying power to the TS1000S.
Do not ground the positive terminal (positive grounding) of the 24-V power supply. If a positive ground is established and an external communication device such as a computer is connected, the 24-V power supply may short circuit and cause damage.
If a positive ground is unavoidable, refer to [TS1000 Smart Hardware Specifications] manual.
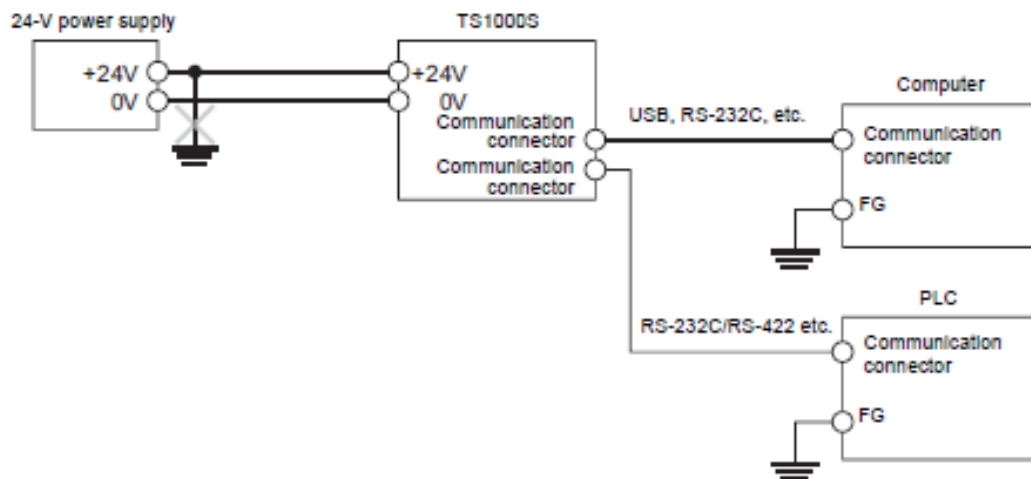
4. Installation Procedure

	TS1000 Smart series	TS1000 series
Mounting brackets	4 fixtures	4 fixtures + 4 nuts

* As shown below, the shape of fixtures and the position of mounting holes are different depending on the model.

TS1000 Smart series

- TS1100S

Mounting holes

Fixtures

Mounting holes

Mounting panel

Fixture dimensions (unit: mm)

9.6
8.5
22.0

- TS1070S

TS1000 series

Screw

Mounting panel

Fixture

Nut

- Nut dimensions
- Fixture dimensions
- Dimensions of a tightened fixture that lies off the edges of the TS unit

(Unit: mm)

φ8
14.0

4.2
17.5
17.5

8.5
8.5

Back of the TS unit
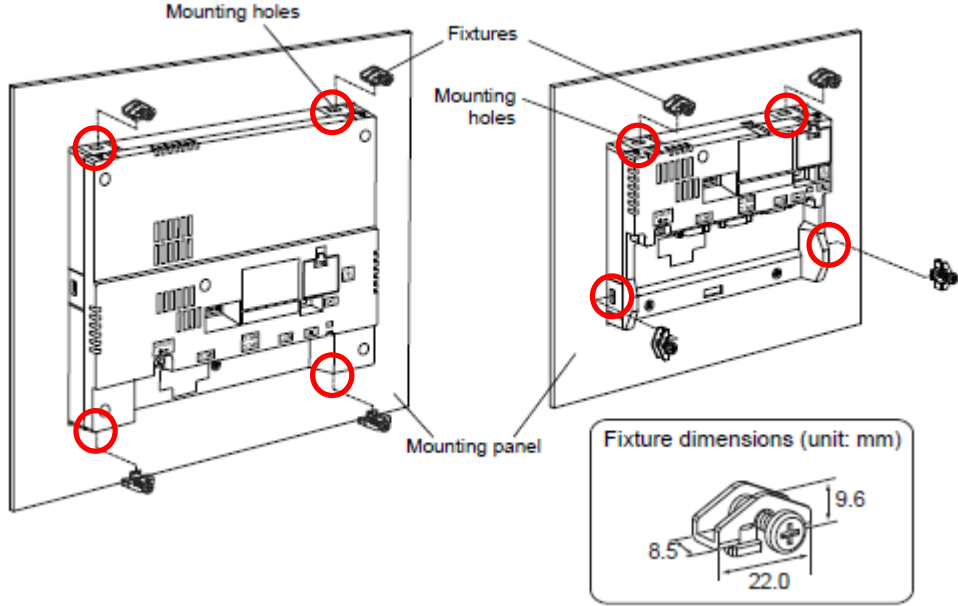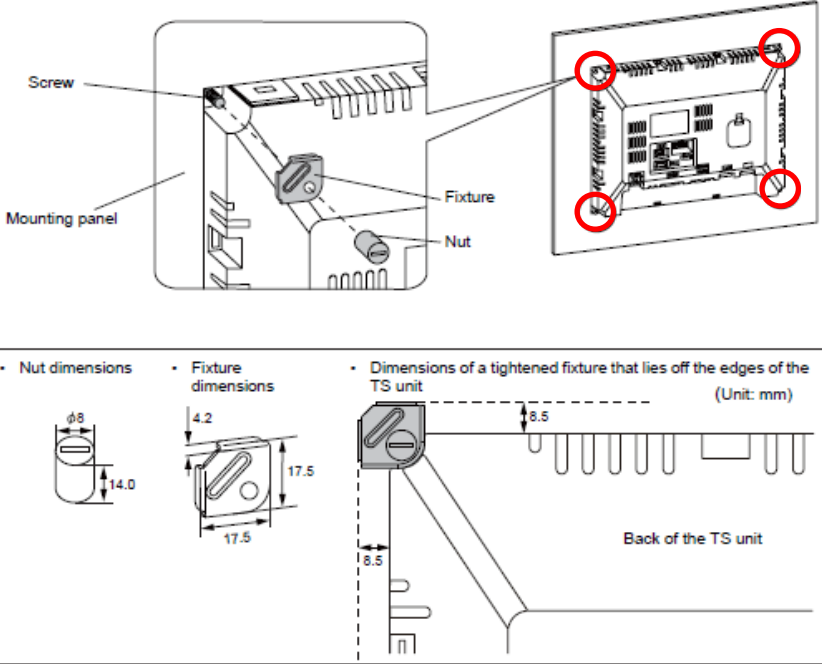
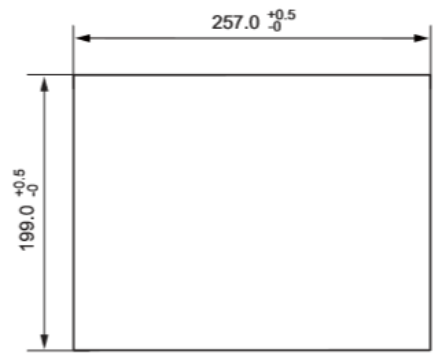# 5. Dimensions (7")

TS1070Si

- Front View
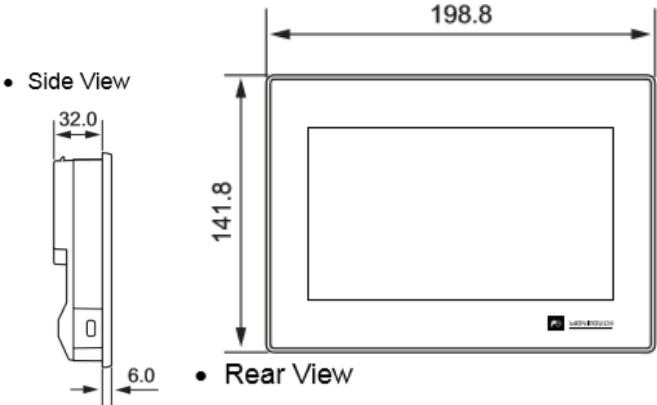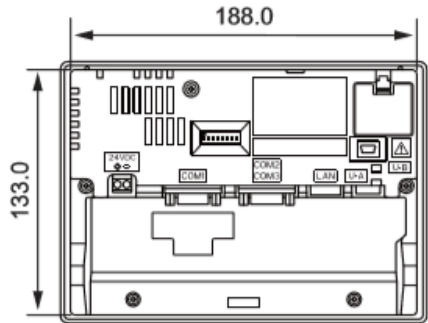
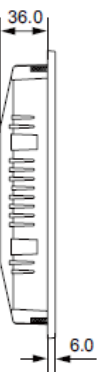- Side View

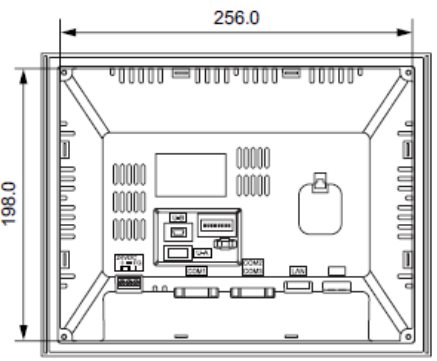- Rear View

- Panel Cut-out Dimensions
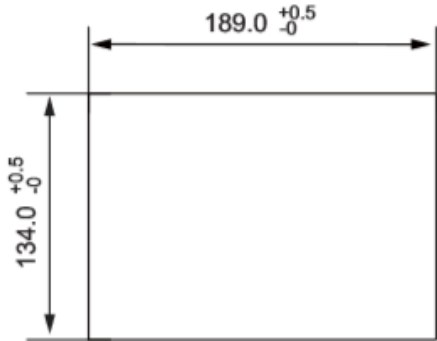
TS1071i

- Front View
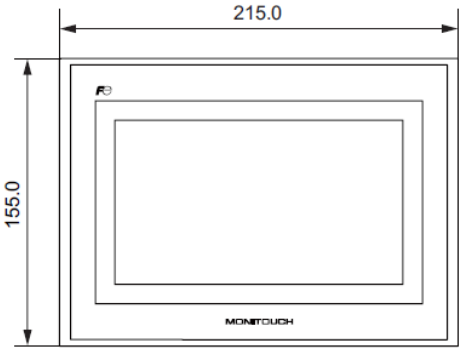
- Side View
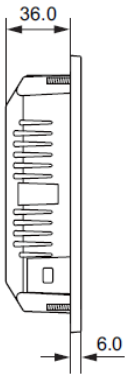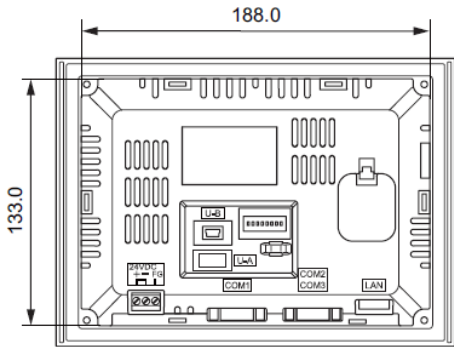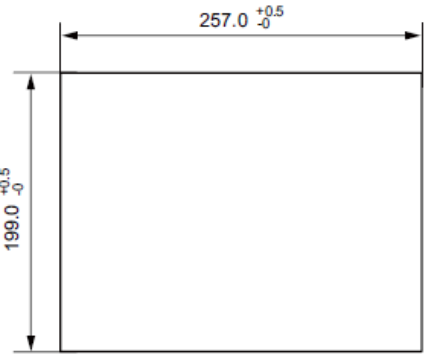
- Rear View

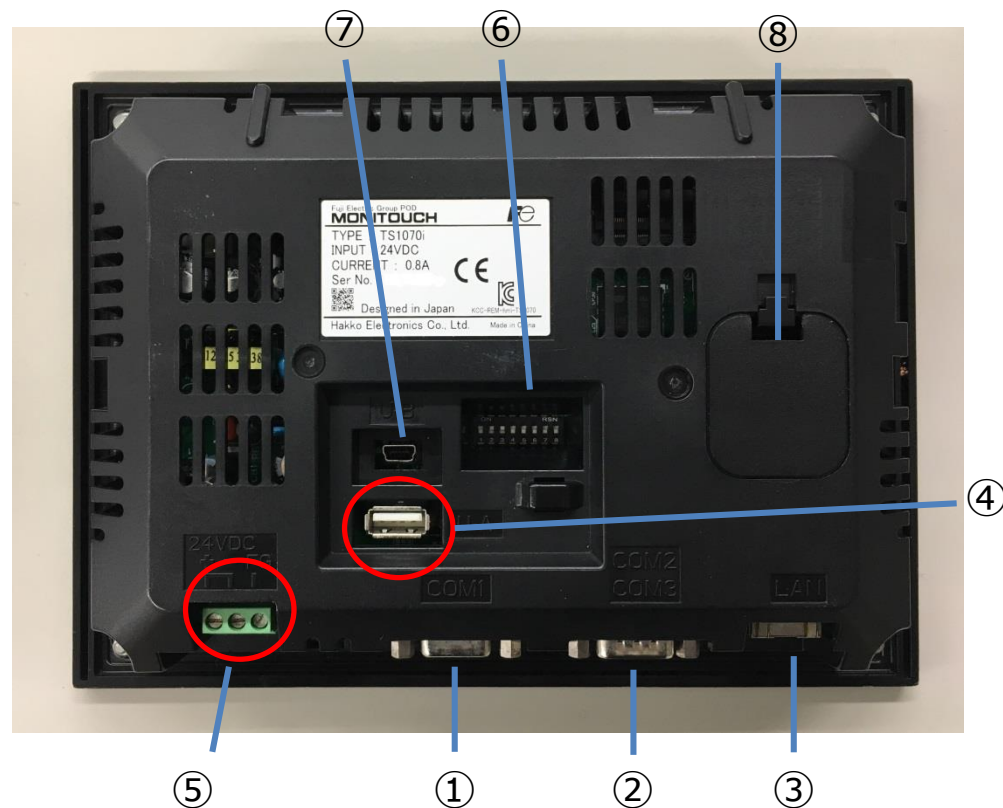- Panel Cut-out Dimensions

Identical

(unit: mm)
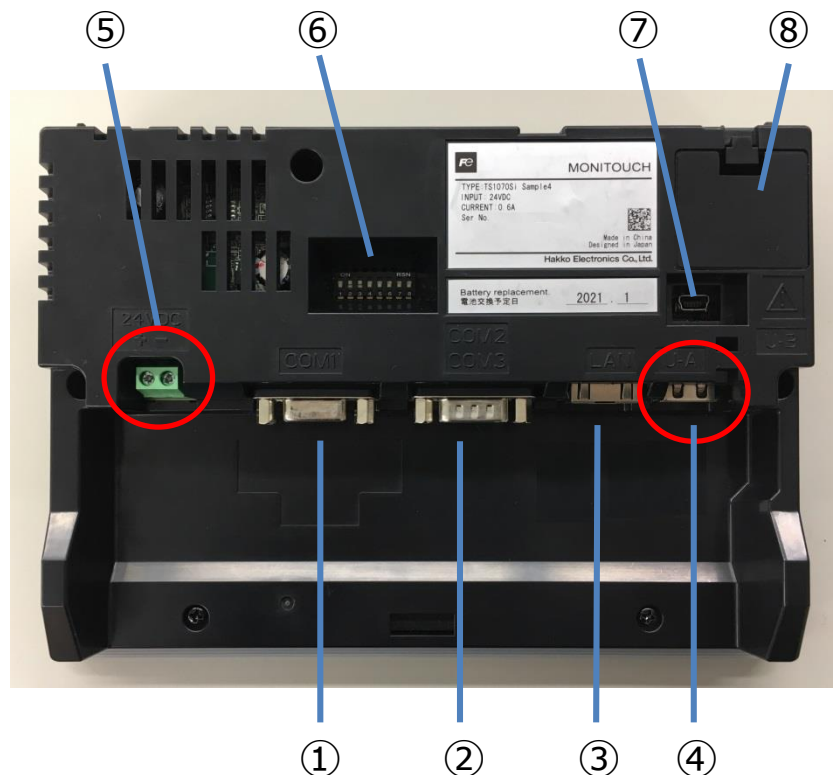
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TS1100Si

TS1101i

Identical

(unit: mm)

TS1070Si

TS1071i

① COM1 (RS-422/RS-485)
② COM2/COM3 (RS-232C/RS-422/RS-485)
③ LAN (100BASE-TX/10BASE-T)
④ USB-A

⑤ Power supply terminal
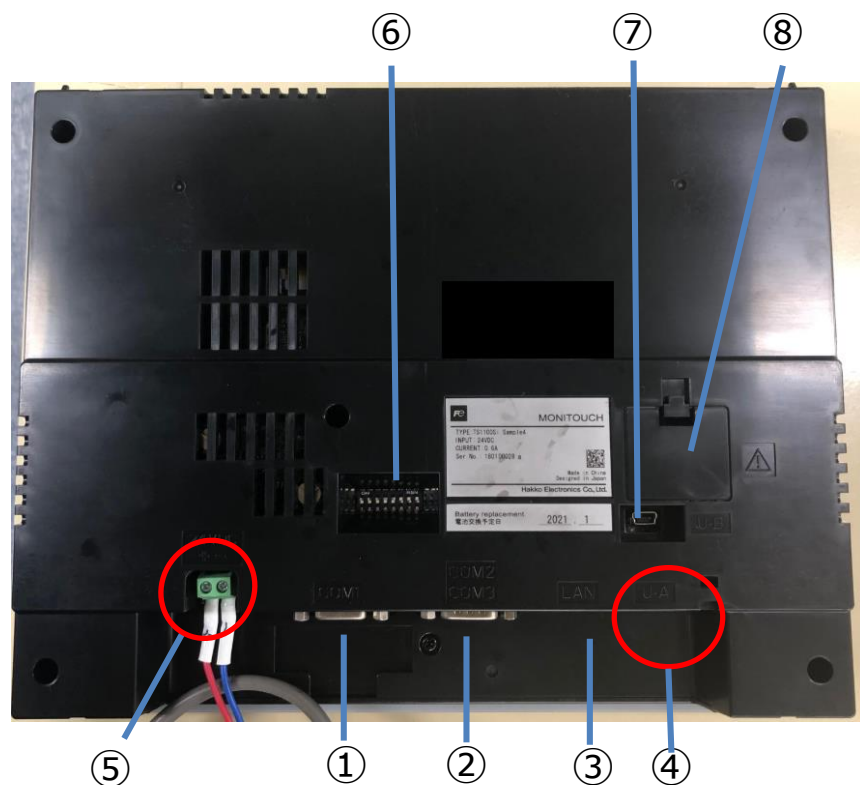⑥ DIP switch
⑦ USB mini-B
⑧ Battery compartment

TS1100Si

TS1101i

① COM1 (RS-422/RS-485)
② COM2/COM3 (RS-232C/RS-422/RS-485)
③ LAN (100BASE-TX/10BASE-T)
④ USB-A
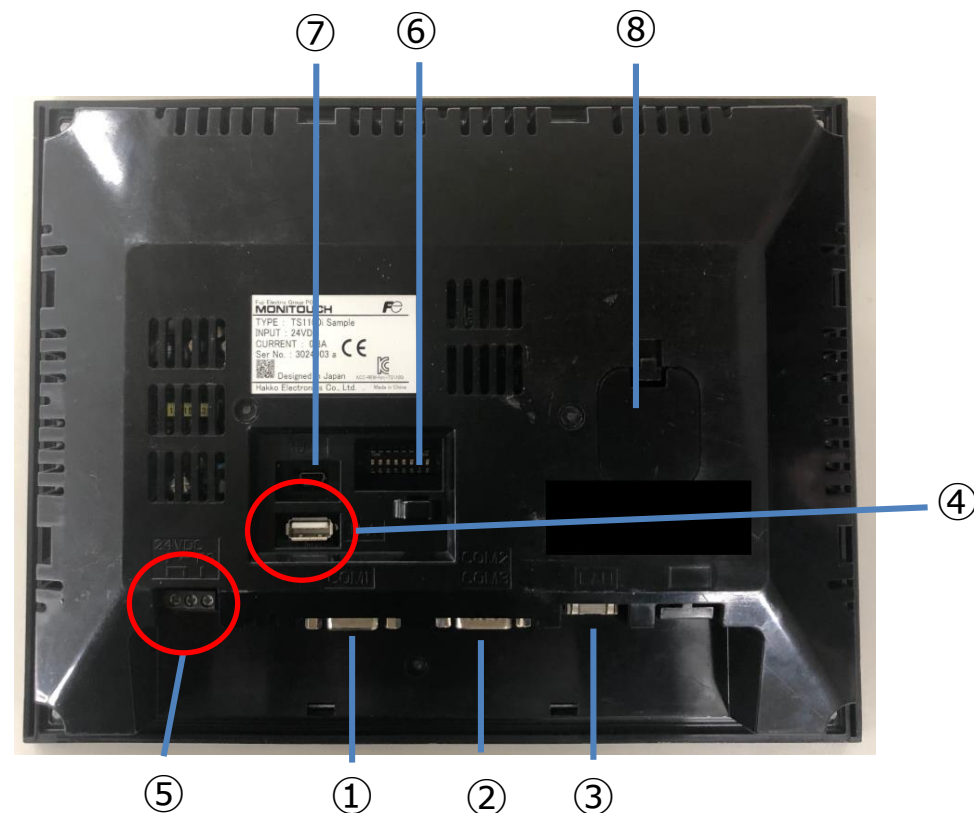
⑤ Power supply terminal
⑥ DIP switch
⑦ USB mini-B
⑧ Battery compartment

7. Screen Program Conversion

[Applicable software]
- V-SFT-6: V6.0.29.0 or later
- V-SFT-5: V5.4.44.0 or later

[Programming cable]
- Standard USB cable (miniB)
- Ethernet cable

[Program Conversion]
1) Open the program with V-SFT
2) Change the model at "Edit Model Selection"
3) Save the file

Original model: **TS107***
(for TS1071i)

Change to: **TS1070S**
(for TS1070Si)

7"

Original model: **TS110***
(for TS1101i)

Change to: **TS1100S**
(for TS1100Si)

10"