

Easy! Smooth!

Replacement Guidebook

GP-4201TM/GP-4301TM → ST6000 2nd Gen Series

The 1st Edition October 2026
SE01-Guide-GP-4201TM/GP-4301TMtoPFXST6x00AWA-EN-01

*Products may be changed or discontinued without notice. Please check our website for the latest information.

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Update History

Date	Edition	Updated Slide	Description
2026/10/15		-	Newly created

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Safety Information

Important Information

Read these instructions carefully, and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this documentation or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of this symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

⚠ CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result** in minor or moderate injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

Please Note

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction and operation of electrical equipment and its installation and has received safety training to recognize and avoid the hazards involved.

About this book

Document Scope

This guidebook introduces the procedures to replace a unit from “GP-4201TM/GP-4301TM” to “ST6000 2nd Gen Series”.
The recommended substitute models are as follows.

Model in use			Recommended substitutes
GP-4201TM (Modular Type)	PFXGM4201TAD	→	PFXST6200AWADI
GP-4301TM (Modular Type)	PFXGM4301TAD		PFXST6400AWADI

Validity Note

This documentation is valid for this product.
The technical characteristics of the devices described in the present document also appear online. To access the information online, go to our website.
https://www.pro-face.com

The characteristics presented in the present document should be the same as those that appear online. In line with our policy of constant improvement we may revise content over time to improve clarity and accuracy. In the event that you see a difference between the document and online information, use the online information as your reference.

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About this book

Related Documents

You can download the manuals related to this product, such as the software manual, from our website.
https://www.proface.com/en/download/search

Product Related Information

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

⚠⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Remove all power from the device before removing any covers or elements of the system, and prior to installing or removing any accessories, hardware, or cables.
- Unplug the power cable from both this product and the power supply prior to installing or removing the product.
- Always use a properly rated voltage sensing device to confirm power is off where and when indicated.
- Replace and secure all covers or elements of the system before applying power to this product.
- Verify whether your device is DC or AC powered before applying power and use only the specified voltage when operating this product and any associated products.

Failure to follow these instructions will result in death or serious injury.

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About this book

⚠DANGER

EXPLOSION HAZARD

- Do not use this product in hazardous environments.
- Do not connect or disconnect this product unless power has been switched off or the area is known to be non-hazardous.
- Do not attempt to install, operate, modify, maintain, service, or otherwise alter this product except as permitted in this manual.
- Confirm that the USB cable has been attached with the USB cable clamp before using the USB interface.
- Use the USB (micro-B) interface for temporary connection only during maintenance and setup of the device.

Failure to follow these instructions will result in death or serious injury.

For PFXST6•00TA installation in hazardous location, refer to Hazardous Location Installation - For USA

.

Critical alarm indicators and system functions require independent and redundant protection hardware and/or mechanical interlocks.

Please design a safety circuit external to this product so that the entire system operates safely even if the external power supply or this product fails or malfunctions.

When you cycle power, wait at least 10 seconds after it has been turned off. If this product is restarted too quickly, it may not operate correctly.

Do not create any switches on the touch panel that may cause personal injury, property damage, or compromise the safety of the equipment. Design the system so that controls for important operations are managed by devices other than this product, or by independent hardware switches.
In the event the screen cannot be properly read, for example, if the backlight is not functioning, it may be difficult or impossible to identify a function. Functions that may present a hazard if not immediately executed, such as a fuel shut-off, must be provided independently of this product.

⚠WARNING

LOSS OF CONTROL

- The designer of any control scheme must consider the potential failure modes of control paths and, for certain critical control functions, provide a means to achieve a safe state during and after a path failure. Examples of critical control functions are emergency stop and overtravel stop, power outage and restart.
- Separate or redundant control paths must be provided for critical control functions.
- System control paths may include communication links. Consideration must be given to the implications of unanticipated transmission delays or failures of the link.
- Observe all accident prevention regulations and local safety guidelines.
- Each implementation of this product must be individually and thoroughly tested for proper operation before being placed into service.
- The machine control system design must take into account the possibility of the backlight no longer functioning and the operator being unable to control the machine, or making errors in the control of the machine.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

For additional information, refer to NEMA ICS 1.1 (latest edition), "Safety Guidelines for the Application, Installation, and Maintenance of Solid State Control" and to NEMA ICS 7.1 (latest edition), "Safety Standards for Construction and Guide for Selection, Installation and Operation of Adjustable-Speed Drive Systems" or their equivalent governing your particular location.

About this book

⚠WARNING

UNINTENDED EQUIPMENT OPERATION

- The application of this product requires expertise in the design and programming of control systems. Only persons with such expertise should be allowed to program, install, alter, and apply this product.
- Do not use this product as the only means of control for critical system functions such as motor start/stop or power control.
- Do not use this equipment as the only notification device for critical alarms, such as device overheating or overcurrent.
- Use only the software provided with this product. If you use other software, please confirm the operation and safety before use.
- Follow all applicable safety standard, local regulations and directives.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

The following characteristics are specific to the LCD panel and are considered normal behavior:

• LCD screen may show unevenness in the brightness of certain images or may appear different when seen from outside the specified viewing angle. Extended shadows, or crosstalk may also appear on the sides of screen images.

• LCD screen pixels may contain black and white colored spots and color display may seem to have changed.

• When experiencing vibrations within a certain frequency range and vibration acceleration is above what is acceptable, the LCD screen may partially turn white. Once the vibration condition ends, the whitening of the screen is resolved.

• When the same image is displayed on the screen for a long period, an afterimage may appear when the image is changed.

• The panel brightness may decrease when used for a long time in an environment continuously filled with inert gas. To prevent deterioration of panel brightness, regularly ventilate the panel. For more information, please contact customer support.
https://www.pro-face.com/trans/en/manual/1015.html

⚠WARNING

SERIOUS EYE AND SKIN INJURY

The liquid in the LCD panel contains an irritant:

- Avoid direct skin contact with the liquid.
- Wear gloves when you handle a broken or leaking unit.
- Do not use sharp objects or tools in the vicinity of the LCD panel.
- Handle the LCD panel carefully to prevent puncture, bursting, or cracking of the panel material.
- If the panel is damaged and any liquid comes in contact with your skin, immediately rinse the area with running water for at least 15 minutes. If the liquid gets in your eyes, immediately rinse your eyes with running water for at least 15 minutes and consult a doctor.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

NOTICE

REDUCTION OF SERVICE LIFE OF PANEL

Change the screen image periodically and try not to display the same image for a long period of time.

Failure to follow these instructions can result in equipment damage.

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Cybersecurity

General Cybersecurity Information

In recent years, the growing number of networked machines and production plants has seen a corresponding increase in the potential for cyber threats, such as unauthorized access, data breaches, and operational disruptions. You must, therefore, consider all possible cybersecurity measures to help protect assets and systems against such threats.

To help keep your Pro-face products secure and protected, it is in your best interest to implement the cybersecurity best practices as described in the Cybersecurity Best Practices document.

Pro-face provides additional information and assistance:
- Visit the Security Notification page to find security notifications.
- Contact us to report vulnerabilities and incidents.

Product Related Cybersecurity Information

Refer to Cybersecurity

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Public

Federal Communication Commission Radio Frequency Interference Statement - USA

FCC Radio Interference Information

This product has been tested and found to comply with the Federal Communications Commission (FCC) limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial, industrial or business environment.
This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause or be subject to interference with radio communications. To minimize the possibility of electromagnetic interference in your application, observe the following two rules:

- Install and operate this product in such a manner that it does not radiate sufficient electromagnetic energy to cause interference in nearby devices.
- Install and test this product to ensure that the electromagnetic energy generated by nearby devices does not interfere with the operation of this product.

⚠WARNING

ELECTROMAGNETIC / RADIO INTERFERENCE, UNINTENDED EQUIPMENT OPERATION

Check for electromagnetic and radio interference. If interference is detected, take the following actions.

- Increase the distance between this product and the interfering equipment.
- Reorient this product and the interfering equipment.
- Reroute power and communication lines to this product and the interfering equipment.
- Connect this product and the interfering equipment to different power supplies.
- Always use shielded cables when connecting this product to a peripheral device or another computer.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this product.

Product Related Cybersecurity Information

Cybersecurity Guideline

Use this product inside a secure industrial automation and control system. Total protection of components (equipment/devices), systems, organizations, and networks from cyber attack threats requires multi-layered cyber risk mitigation measures, early detection of incidents, and appropriate response and recovery plans when incidents occur. For more information about cybersecurity, refer to the Pro-face HMI/IPC Cybersecurity Guide.
https://www.proface.com/en/download/manual/cybersecurity_guide

⚠WARNING

POTENTIAL COMPROMISE OF SYSTEM AVAILABILITY, INTEGRITY, AND CONFIDENTIALITY

- Change default passwords at first use to help prevent unauthorized access to device settings, controls and information.
- Disable unused ports/services and default accounts, where possible, to minimize pathways for malicious attacks.
- Place networked devices behind multiple layers of cyber defenses (such as firewalls, network segmentation, and network intrusion detection and protection).
- Apply the latest updates and hotfixes to your Operating System and software.
- Use cybersecurity best practices (for example: least privilege, separation of duties) to help prevent unauthorized exposure, loss, modification of data and logs, interruption of services, or unintended operation.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

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- 3-2 Software Compatibility
- 3-3 Other Important Notes on Software

1. Summary

On replacement from GP-4201TM/GP-4301TM to ST6000 2nd Gen series, the following points are the main points to note.

- Installation method: It is different between ST6000 2nd Gen series and GP4201TM/GP-4301TM. Please see the next page for the comparison.

GP-4201TM	Φ22.5 mm circular hole mount	**PFXST6200AWADI**	W118.5 x H92.5 mm square panel cut mount
GP-4301TM	Φ22.5 mm circular hole mount	**PFXST6400AWADI**	W190 x H135 mm square panel cut mount

- Display size: ST6000 2nd Gen series are bigger than GP4201TM/GP-4301TM.

GP-4201TM	3.5”	**PFXST6200AWADI**	4.3”W
GP-4301TM	5.7”	**PFXST6400AWADI**	7”W

- Display resolution: ST6000 2nd Gen series have a better resolution but need to convert resolution by the software to use old project data from GP4201TM/GP-4301TM.

GP-4201TM	320 x 240 pixels (QVGA)	**PFXST6200AWADI**	480 x 272 pixels (WQVGA)
GP-4301TM	320 x 240 pixels (QVGA)	**PFXST6400AWADI**	800 x 480 pixels (WVGA)

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1. Summary

- External dimensions: ST6000 2nd Gen series are bigger than . It is necessary to check the dimensions of the HMI installation location.
- The screen transfer through the USB Type A port is not supported.
- ST6000 2nd Gen Series Advanced model is equipped with System Settings separate from offline mode. In the System Settings, you can configure the product's hardware configuration and network settings such as IP addresses.
- For more information about the System Settings, refer to ST6000 Series System Settings User Guide.

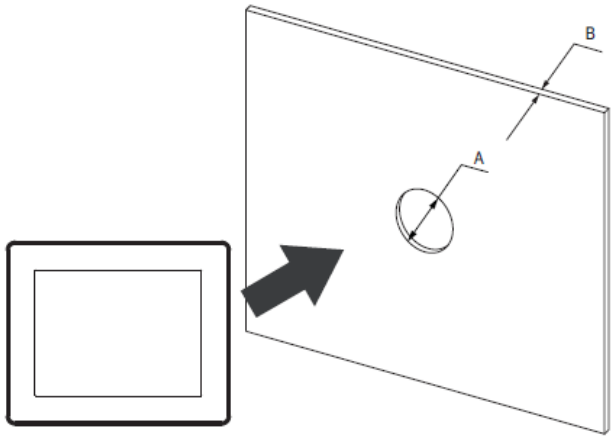
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1. Summary

Panel Cut Dimensions: GP-4201TM vs PFXST6200WADI

GP-4201TM	PFXST6200AWADI
Φ22.5 mm circular hole mount	W118.5 x H92.5 mm square panel cut mount

GP-4201TM



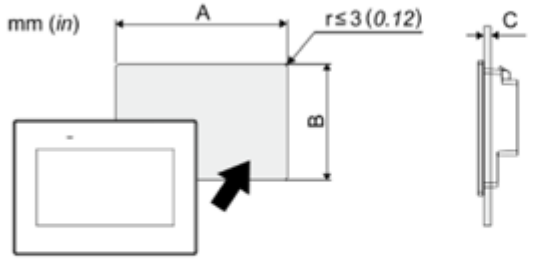
Dimensions

Unit	A (mm)	A (in)	B (mm) (1)	B (in) (1)	B (mm) (2)	B (in) (2)
GP-4201TM GP-4301TM	+0 22.50 -0.30	+0 0.88 -0.01	1.5 to 6	0.06 to 0.23	3 to 6	0.11 to 0.23
The Material of the panel **(1)** Steel sheet **(2)** Glass fiber reinforced plastics (minimum GF30)						

NOTE: Without the tee option, the rotating torque that can be supported by the display module is 2.5 N•m (22.12 in-lb).

PFXST6200AWADI

Based on the panel cut dimensions, open a mount hole on the panel.



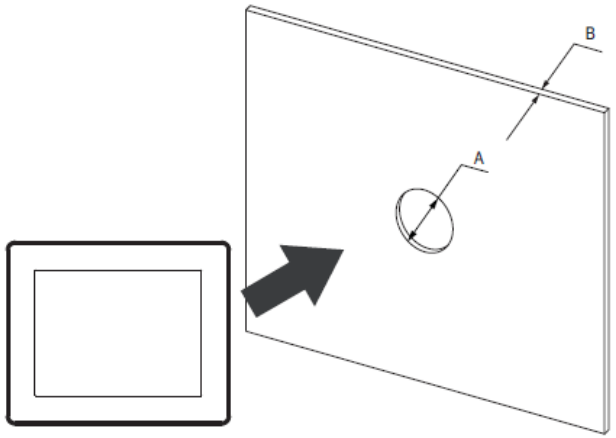
Model name		
A	B	C
PFXST6200AWA		
118.5 mm (+1/-0 mm) (4.67 in [+0.04/-0 in])	92.5 mm (+1/-0 mm) (3.64 in [+0.04/-0 in])	1.6...5 mm (0.06...0.2 in) When installing ST-6200AWA with spring clips: Position 1: 1.5...4 mm (0.06...0.16 in) Position 2: 4...6 mm (0.16...0.24 in) **NOTE:** For the positions, refer to the Installation Procedure (ST-6200AWA)
PFXST6400AWA		
190 mm (+1/-0 mm) (7.48 in [+0.04/-0 in])	135 mm (+1/-0 mm) (5.31 in [+0.04/-0 in])	
PFXST6500AWA		
255 mm (+1/-0 mm) (10.04 in [+0.04/-0 in])	185 mm (+1/-0 mm) (7.28 in [+0.04/-0 in])	
PFXST6600AWA		
295 mm (+1/-0 mm) (11.61 in [+0.04/-0 in])	217 mm (+1/-0 mm) (8.54 in [+0.04/-0 in])	
PFXST6700AWA		
394 mm (+1/-0 mm) (15.51 in [+0.04/-0 in])	250 mm (+1/-0 mm) (9.84 in [+0.04/-0 in])	

1. Summary

Panel Cut Dimensions: GP-4301TM vs PFXST6400AWADI

GP-4301TM	PFXST6400AWADI
Φ22.5 mm circular hole mount	W190 x H135 mm square panel cut mount

GP-4301TM



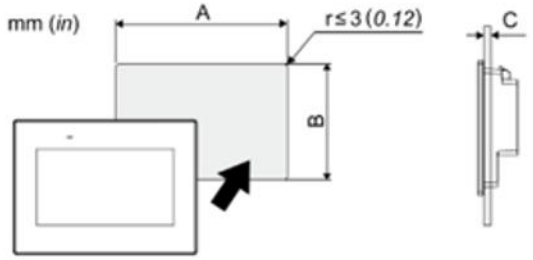
Dimensions

Unit	A (mm)	A (in)	B (mm) (1)	B (in) (1)	B (mm) (2)	B (in) (2)
GP-4201TM GP-4301TM	+0 22.50 -0.30	+0 0.88 -0.01	1.5 to 6	0.06 to 0.23	3 to 6	0.11 to 0.23
The Material of the panel **(1)** Steel sheet **(2)** Glass fiber reinforced plastics (minimum GF30)						

NOTE: Without the tee option, the rotating torque that can be supported by the display module is 2.5 N•m (22.12 in-lb).

PFXST6400AWADI

Based on the panel cut dimensions, open a mount hole on the panel.



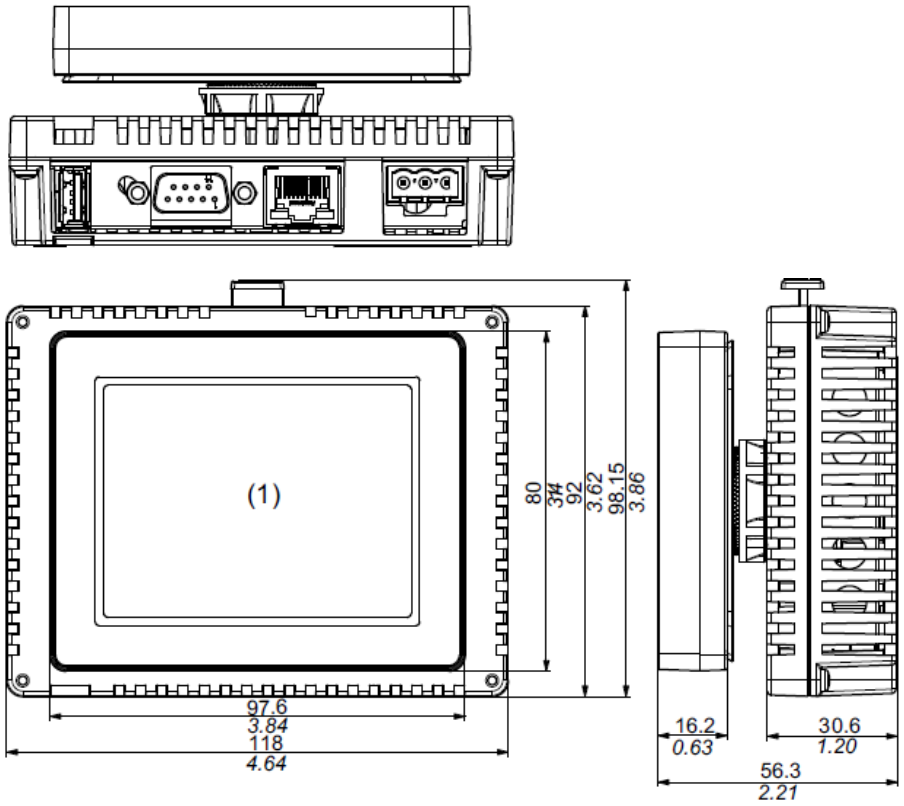
Model name		
A	B	C
PFXST6200AWA		1.6...5 mm (0.06...0.2 in)
118.5 mm (+1/-0 mm) (4.67 in [+0.04/-0 in])	92.5 mm (+1/-0 mm) (3.64 in [+0.04/-0 in])	When installing ST-6200AWA with spring clips: Position 1: 1.5...4 mm (0.06...0.16 in) Position 2: 4...6 mm (0.16...0.24 in) **NOTE:** For the positions, refer to the Installation Procedure (ST-6200AWA)
PFXST6400AWA		
190 mm (+1/-0 mm) (7.48 in [+0.04/-0 in])	135 mm (+1/-0 mm) (5.31 in [+0.04/-0 in])	
PFXST6500AWA		
255 mm (+1/-0 mm) (10.04 in [+0.04/-0 in])	185 mm (+1/-0 mm) (7.28 in [+0.04/-0 in])	
PFXST6600AWA		
295 mm (+1/-0 mm) (11.61 in [+0.04/-0 in])	217 mm (+1/-0 mm) (8.54 in [+0.04/-0 in])	
PFXST6700AWA		
394 mm (+1/-0 mm) (15.51 in [+0.04/-0 in])	250 mm (+1/-0 mm) (9.84 in [+0.04/-0 in])	

1. Summary

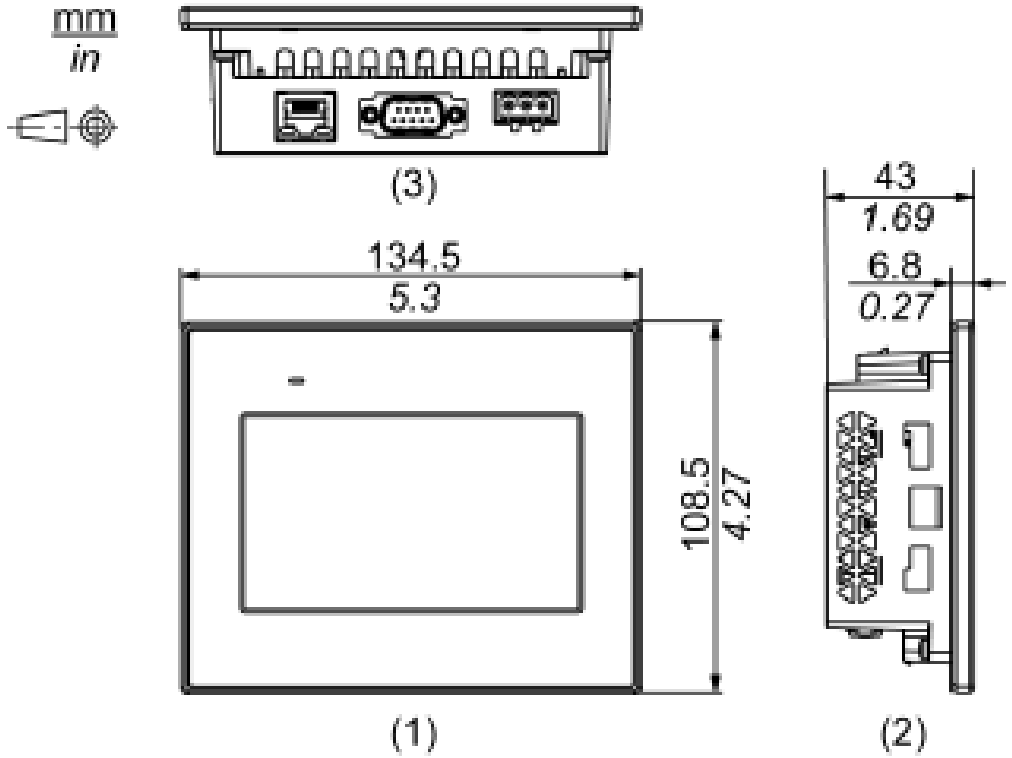
External Dimensions: GP-4201TM vs PFXST6200AWADI

GP-4201TM	PFXST6200AWADI	Differences from GP-4201TM to PFXST6200AWADI (mm)
W118 x H98.15 x D56.3 (with Rear module)	W134.5 x H108.5 x D43	W+16.5 x H+10.35 x D-13.3

GP-4201TM



PFXST6200AWADI

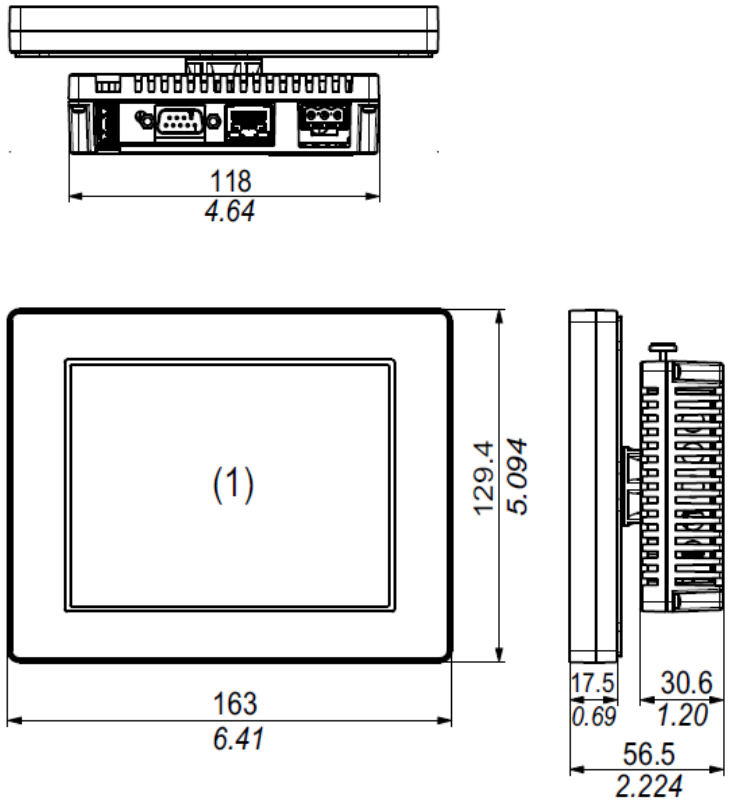


1. Summary

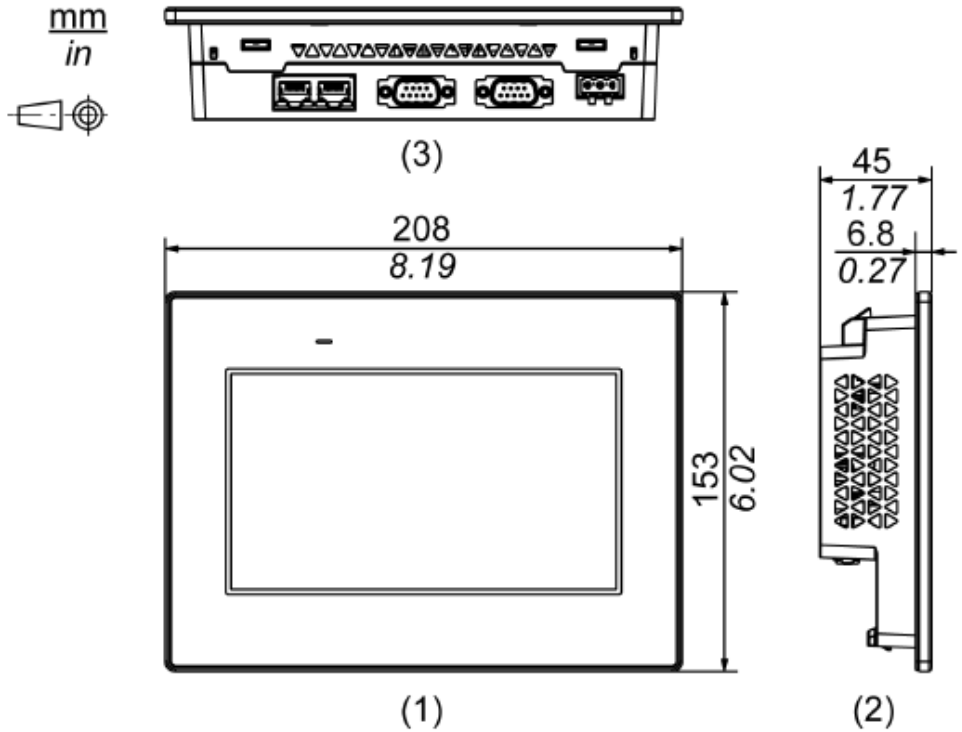
External Dimensions: GP-4301TM vs PFXST6400AWADI

GP-4301TM	PFXST6400AWADI	Differences from GP-4301TM to PFXST6400AWADI (mm)
W163 x H129.4 x D56.5 (with Rear module)	W208 x H153 x D45	W+45 x H+23.6 x D-11.5

GP-4301TM



PFXST6400AWADI



2. Hardware Section

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2-1. GP-4201TM vs PFXST6200WADI Spec Comparison -1. Basic information-

		GP-4201TM	PFXST6200AWADI	Compatibility
Display Size		3.5”	4.3”W	**UP!**
Display Type		TFT color LCD	TFT color LCD	✔
Display Colors		65,536 color	16 million color	**UP!**
Display Resolution		320 x 240 pixels (QVGA)	480 x 272 pixels (WQVGA)	- Need to change resolution setting by Software
Backlight		White LED (Not replaceable)	White LED (Not replaceable)	✔
	Service life	50,000 hours or more (continuous operation at 25 ° C [77 ° F] before backlight brightness decreases to 50%)	50,000 hours or more (continuous operation at 25 ° C [77 ° F] before backlight brightness decreases to 25%)	-
Panel Cutout Dimensions (mm)		Without an Anti-rotation Tee :22.50 x 1.5~6mm x 3~6mm With an Anti-rotation Tee:22.50 x 4.00mm x 30.00mm	W118.5 x H92.5 mm	-
External Dimensions		W118 x H98.15 x D56.3 (with Rear module)	W134.5 x H108.5 x D43 mm	-
Touch Panel	Type	Resistive film (analog, single touch)	Resistive film (analog, single touch)	✔
	Service life	1 million times or more	1 million times or more	✔
Memory	Application	FLASH EPROM 8MB	FLASH EPROM 64MB	**UP!** Please refer to the FAQ for the available capacity of each memory.
	Local Storage	-	-	
	Backup Memory	nvSRAM 128KB	MRAM 320KB	
Backup Battery		-	Replaceable battery/Primary battery for clock data backup	**UP!**
Input Voltage		DC 24V	DC 24V	✔
Mounting		22.5mm hole mount	Panel cut mount	-

2-1. GP-4201TM vs PFXST6200WADI Spec Comparison -2. Interface-

		GP-4201TM	PFXST6200WADI	Compatibility
Serial I/F	COM1	RS-232C/RS-422/RS-485 (D-Sub 9pin Plug)	RS-232C/RS-422/RS-485 (D-Sub 9pin Plug) Isolation unit	✔ Please check the manual for the communication cable.
	COM2	-	-	✔
Ether net I/F		x1: IEEE802.3i/ IEEE802.3u, 10BASE-T/100BASE-TX (RJ-45)	x1: IEEE802.3i/IEEE802.3u, 10BASE-T/100BASE-TX (RJ-45)	✔
CF Card I/F		-	-	✔
SD Card I/F		-	-	✔
USB I/F	Type A	x1 USB2.0 -USB transfer cable (CA3-USBCB-01)	x1 USB 2.0	✔
	Type mini B	x1 USB2.0 -USB data transfer cable(ZC9USCBMB1) or commercial USB miniB transfer cable	-	- USB I/F changed from USB Type mini-B to Type micro-B.
	Type micro-B	-	x1 USB 2.0 -USB transfer cable(PFXZUSCBMB2) or commercial USB microB transfer cable	
Auxiliary I/O I/F		-	-	✔
Sound Output I/F		-	-	✔
Field Bus / Expansion Unit I/F		-	-	✔

Hardware Manual: ST6000 2nd Gen Series Hardware Manual

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2-1. GP-4301TM vs PFXST6400AWADI Spec Comparison -1. Basic information-

		GP-4301TM	PFXST6400AWADI	Compatibility
Display Size		5.7”	7”W	**UP!**
Display Type		TFT color LCD	TFT color LCD	✔
Display Colors		65,536 color	16 million color	**UP!**
Display Resolution		320 x 240 pixels (QVGA)	800 x 480 pixels (WVGA)	- Need to change resolution setting by Software
Backlight		White LED (Not replaceable)	White LED (Not replaceable)	✔
	Service Life	50,000 hours or more (continuous operation at 25 ° C [77 ° F] before backlight brightness decreases to 50%)	50,000 hours or more (continuous operation at 25 ° C [77 ° F] before backlight brightness decreases to 25%)	-
Panel Cutout Dimensions (mm)		Without an Anti-rotation Tee :22.50 x 1.5~6mm x 3~6mm With an Anti-rotation Tee:22.50 x 4.00mm x 30.00mm	W190 x H135 mm	-
External Dimensions		W163 x H129.4 x D56.5 (with Rear module)	W208 x H153 x D45 mm	-
Touch Panel	Type	Resistive film (analog, single touch)	Resistive film (analog, single touch)	✔
	Service Life	1 million times or more	1 million times or more	✔
Memory	Application	FLASH EPROM 8MB	FLASH EPROM 64MB	**UP!** Please refer to the FAQ for the available capacity of each memory.
	Local Storage	-	-	
	Backup Memory	nvSRAM 128KB	MRAM 320KB	
Backup Battery		-	Replaceable battery/Primary battery for clock data backup	**UP!**
Input Voltage		DC 24V	DC 24V	✔
Mounting		22.5mm hole mount	Panel cut mount	-

2-1. GP-4301TM vs PFXST6400AWADI Spec Comparison -2. Interface-

		GP-4301TM	PFXST6400AWADI	Compatibility
Serial I/F	COM1	RS-232C/RS-422/RS-485 (D-Sub 9pin Plug)	RS-232C (D-Sub 9pin Plug) Isolation unit	✔ Please check the manual for the communication cable.
	COM2	-	RS-422/485 (D-Sub 9pin Plug)	**UP!**
Ethernet I/F		x1: IEEE802.3i/ IEEE802.3u, 10BASE-T/100BASE-TX (RJ-45)	x2: IEEE802.3i/IEEE802.3u, 10BASE-T/100BASE-TX (RJ-45)	**UP!**
CF card I/F		-	-	✔
SD card I/F		-	-	✔
USB I/F	Type A	x1 USB2.0 -USB transfer cable (CA3-USBCB-01)	x1 USB 2.0	✔
	Type mini B	x1 USB2.0 -USB data transfer cable(ZC9USCBMB1) or commercial USB miniB transfer cable	-	- USB I/F changed from USB Type mini-B to Type micro-B.
	Type micro-B	-	x1 USB 2.0 -USB transfer cable(PFXZUSCBMB2) or commercial USB microB transfer cable	
Auxiliary I/O I/F		-	-	✔
Sound Output I/F		-	-	✔
Field Bus / Expansion Unit I/F		-	-	✔

Hardware Manual: ST6000 2nd Series Hardware Manual

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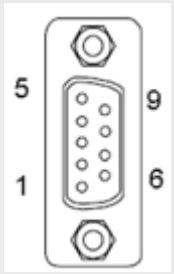
2-2. Standards compatibility

Certification	GP4000M Series	ST6000 2nd Gen Series
CE (EN61000-6-4, EN61000-6-2, EN61131-2)	✔	✔
UKCA	✔	✔
UL/cUL	✔ (UL508) (CSA C22.2 No.142)	✔ (UL61010-2-201) (CSA C22.2 No.61010-2-201)
UL/cUL Class 1, Div. 2	✔ (ANSI/ISA12.12.01) (CSA C22.2 No213)	-
ATEX (Zones 2/22, equipment category 3 Gas Dust)	✔	-
IECEx (Zones 2/22, equipment category 3 Gas Dust)		
KCs	-	-
NEPSI	-	-
RCM (C-Tick)	✔	✔
EAC (GOST-R)	✔	✔
RoHS for EU	✔	✔
RoHS for China	✔	✔
REACH	✔	✔
CCC *apply for CCC exemption	-	-
KC	✔	✔
Marine (DNV-GL, ABS, LR, BV, NK, RINA, CCS)	DNV-GL	-
WEEE	✔	✔

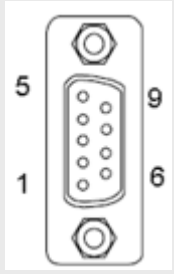
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2-3. Interface compatibility – Com pin assignment

GP4000

Connector picture	Pin No.	RS-232C (COM1 for all models)			RS-422/RS-485 (COM1 for ST6200, COM2 for others)		
		Signal name	Direction	Meaning	Signal name	Direction	Meaning
 D-Sub 9 pin plug	1	CD	Input	Carrier detect	RDA	Input	Receive data A (+)
	2	RD (RXD)	Input	Receive data	RDB	Input	Receive data B (-)
	3	SD (TXD)	Output	Send data	SDA	Output	Send data A (+)
	4	ER (DTR)	Output	Data terminal ready	ERA	Output	Data terminal ready A (+)
	5	SG	–	Signal ground	SG	–	Signal ground
	6	DR (DSR)	Input	Data set ready	CSB	Input	Send possible B (-)
	7	RS (RTS)	Output	Request to send	SDB	Output	Send data B (-)
	8	CS (CTS)	Input	Send possible	CSA	Input	Send possible A (+)
	9	VCC	Output	+5 Vdc ±5% Output 0.25 A*1	ERB	Output	Data terminal ready B (-)
	Shell	FG	–	Frame ground (common with SG)	FG	–	Frame ground (common with SG)

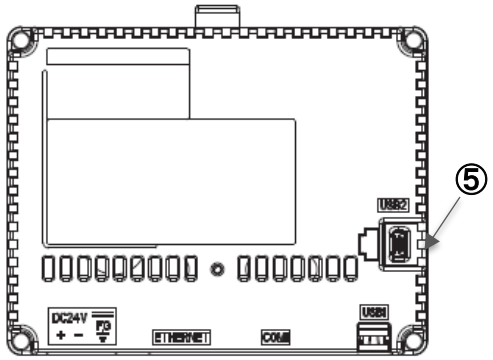
ST6000 2nd Gen

Connector picture	Pin No.	RS-232C (COM1 for all models)			RS-422/RS-485 (COM1 for ST6200, COM2 for others)		
		Signal name	Direction	Meaning	Signal name	Direction	Meaning
 D-Sub 9 pin plug	1	NC	–	No connection	RDA	Input	Receive data A (+)
	2	RD (RXD)	Input	Receive data	RDB	Input	Receive data B (-)
	3	SD (TXD)	Output	Send data	SDA	Output	Send data A (+)
	4	NC	–	No connection	NC	–	No connection
	5	SG	–	Signal ground	SG	–	Signal ground
	6	NC	–	No connection	NC	–	No connection
	7	RS (RTS)	Output	Request to send	SDB	Output	Send data B (-)
	8	CS (CTS)	Input	Send possible	NC	–	No connection
	9	VCC	Output	+5 Vdc ±5% Output 0.25 A*1	NC	–	No connection
	Shell	FG	–	Frame ground (common with SG)	FG	–	Frame ground (common with SG)

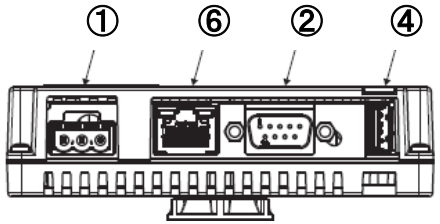
*1 When using RS-232C pin #9, enable VCC with the software

Please check ST6000 2nd Series Hardware Manual for details such as interface specifications and pin assignments.

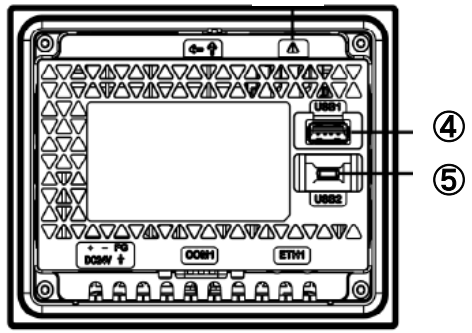
2-3. Interface compatibility – GP-4201TM vs PFXST6200AWADI



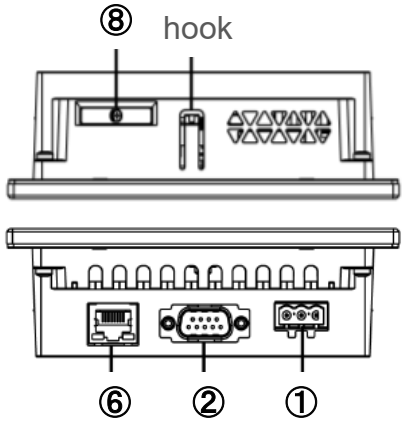
GP4000M
Rear Module Front



GP4000M
Bottom



PFXST6200AWADI
Rear



PFXST6200AWADI
Top

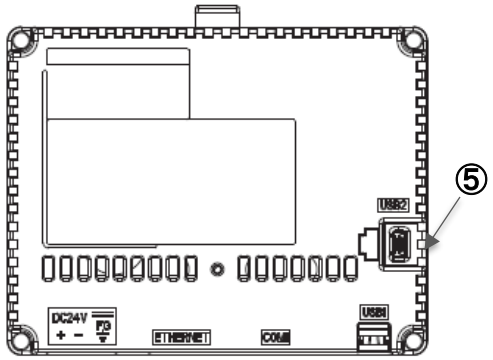
PFXST6200AWADI
Bottom

	GP-4201TM	PFXST6200AWADI
①	Power Connector (DC)	Power Connector (DC)
②	Serial Interface (COM1)	Serial Interface (COM1)
③	-	-
④	USB (Type A) Interface	USB (Type A) Interface *1
⑤	USB (mini-B) Interface	USB (micro-B) Interface
⑥	Ethernet Interface (ETH1)	Ethernet Interface(ETH1)
⑦	-	-
⑧	-	Battery Slot

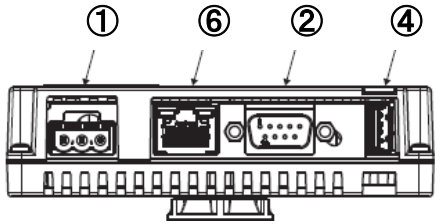
*1: Interface of USB Type A changed from bottom to back of the module. Please be aware of the space in the panel.

Please check ST6000 2nd Series Hardware Manual for details such as interface specifications and pin assignments.

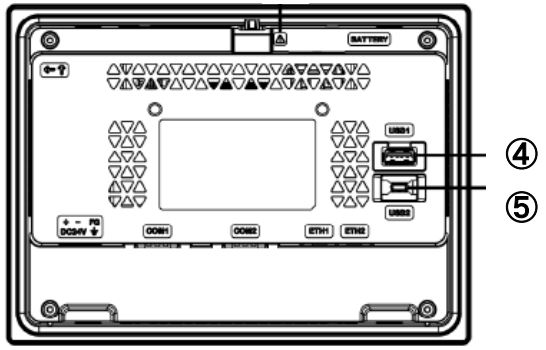
2-3. Interface compatibility – GP-4301TM vs PFXST6400AWADI



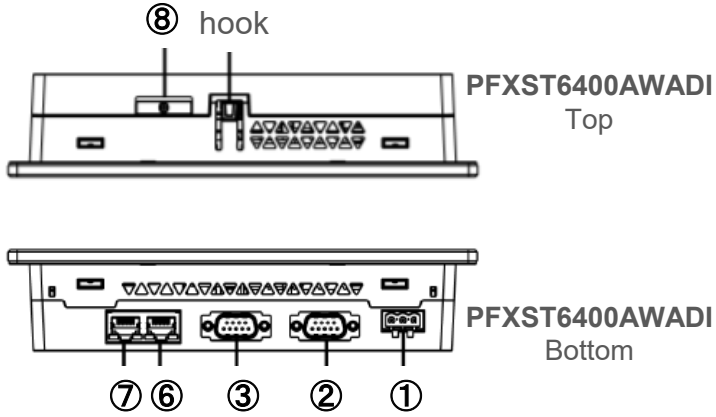
GP4000M
Rear Module Front



GP4000M
Bottom



PFXST6400AWADI
Rear



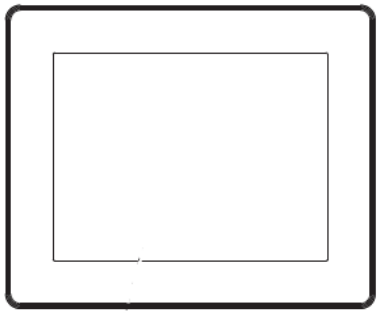
	GP-4301TM	PFXST6400AWADI
①	Power Connector (DC)	Power Connector (DC)
②	Serial Interface (COM1)	Serial Interface (COM1)
③	-	Serial Interface (COM2)
④	USB (Type A) Interface	USB (Type A) Interface *1
⑤	USB (mini-B) Interface	USB (micro-B) Interface
⑥	Ethernet Interface (ETH1)	Ethernet Interface(ETH1)
⑦	-	Ethernet Interface(ETH2)
⑧	-	Battery Slot

*1: Interface of USB Type A changed from bottom to back of the module. Please be aware of the space in the panel.

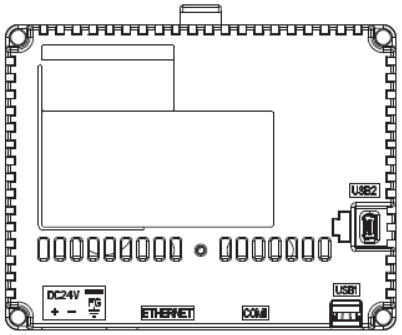
Please check ST6000 2nd Gen Series Hardware Manual for details such as interface specifications and pin assignments.

2-3. Interface compatibility

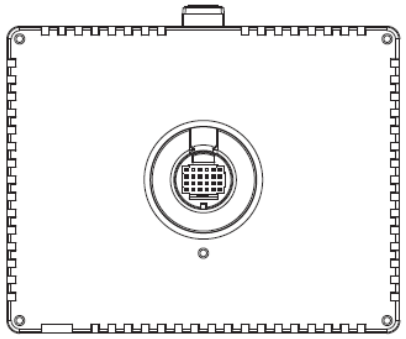
GP-4000M



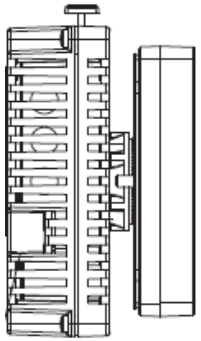
Display Module Front



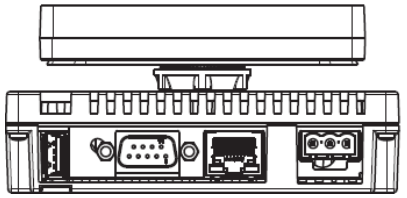
Rear Module Front



Rear Module Back

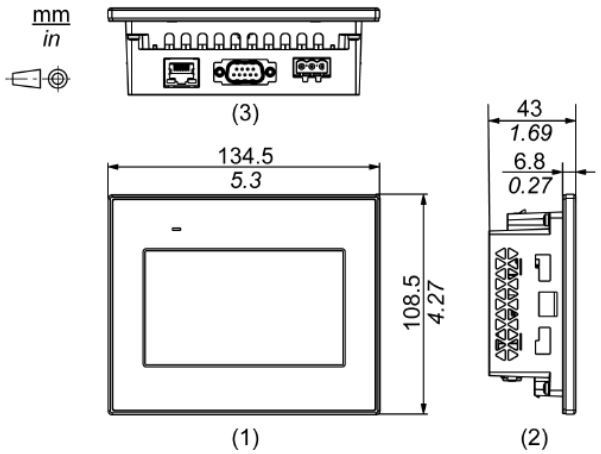


Right



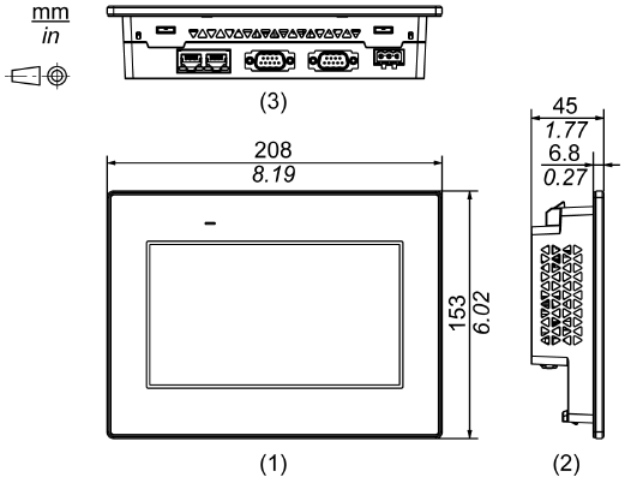
Bottom

PFXST6200AWADI



(1) Front
(2) Left
(3) Bottom

PFXST6400AWADI



(1) Front
(2) Left
(3) Bottom

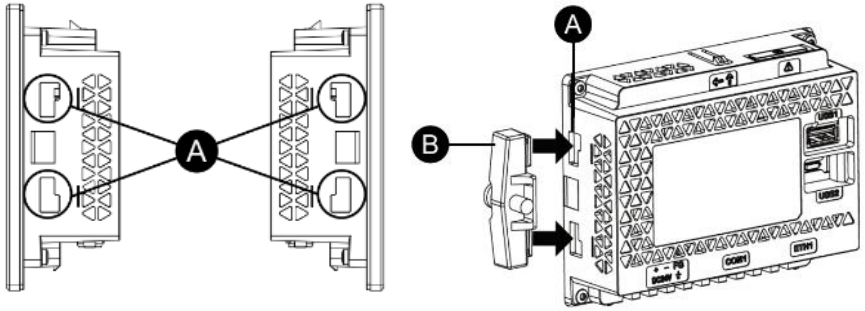
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2-4. Installation method compatibility

PFXST6200AWADI

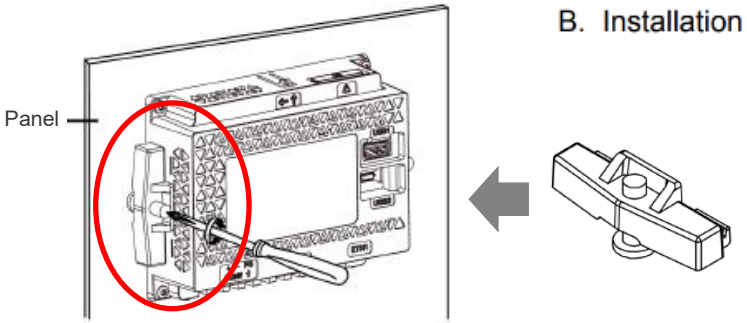
Insert the installation fastener hooks into the insertion slots of this product.

In a clockwise direction, tighten the installation fastener's screws with a screwdriver. The necessary torque is 0.5 N•m (4.4 lb-in)

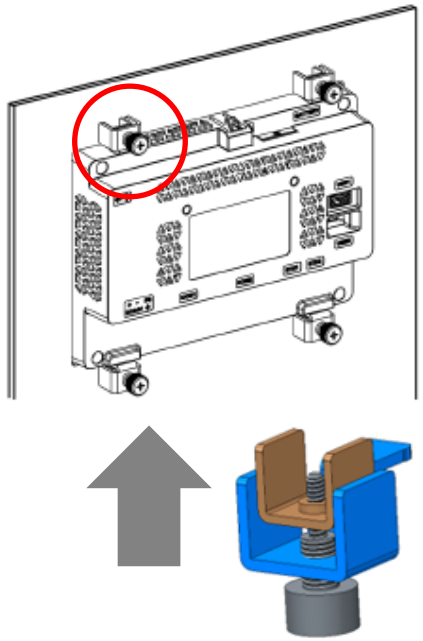


A. Insertion slots

B. Installation fastener



PFXST6400AWADI

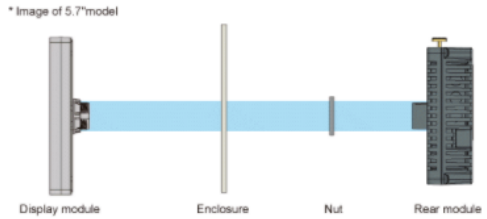


Fix it with the installation fastener enclosed in the package.

*The screw head side is bigger than before and has a jagged pattern for anti-slipping processing. You can fasten the screw with fingers even without a cross screwdriver. (Use the screwdriver when lack of torque.)

GP-4000M

Just make a φ22mm [0.87 in.] circular hole.



Please check ST6000 2nd Gen Series Hardware Manual for installation requirements and procedure.

2-5. Option compatibility – Serial Interface

Product Name	GP-4201TM/GP-4301TM	ST6000 2nd Gen	Description	Compatibility
RS-232C Cable (5m)	CA3-CBL232/5M-01	-	Connects a host controller to the GP unit. (RS-232C)	-
RS-422 Cable (5m)	CA3-CBL422/5M-01	CA3-CBL422/5M-01	Connects a host controller to the GP unit. (RS-422 / Socket Type)	✔
RS-422 Cable (5m)	CA3-CBL422-01	CA3-CBL422-01	Connects a host controller to the GP unit. (RS-422 / Plug Type)	✔
Omron SYSMAC Link Cable (5m)	CA3-CBLSYS-01	CA3-CBLSYS-01	Connects Omron PLC SYSMAC Series unit (or other host controller) to the GP unit. (RS-232C)	✔
Mitsubishi A-Series Connection Cable (5m)	CA3-CBLA-01	-	Connects Mitsubishi PLC A, QnA Series programming console I/F to GP unit. (Simultaneous use of programming console is not possible.)	-
Mitsubishi Q-Series Connection Cable (5m)	CA3-CBLQ-01	CA3-CBLQ-01	Connects Mitsubishi PLC Q-Series programming console I/F to GP unit. (Simultaneous use of programming console is not possible.)	✔
Mitsubishi FX-Series Connection Cable	CA3-CBLFX/1M-01 (1m) CA3-CBLFX/5M-01 (5m)	-	Connects Mitsubishi PLC FX-Series programming console I/F and GP unit. (Simultaneous use of programming console is not possible.)	-
Mitsubishi A/QnA/FX Series 2 Port Adapter Ⅱ	GP070-MD11 * End of sale	-	Allows simultaneous use of an GP unit Series unit and a Mitsubishi PLC A, QnA, FX Series peripheral device.	-
Mitsubishi Q-Series Link Cable (5m)	CA3-CBLLNKMQ-01	CA3-CBLLNKMQ-01	Connects Mitsubishi PLC Q-Series (or other host controller) to the GP unit. (RS-232C)	✔
2 Port Adapter Cable (5m)	CA3-MDCB11 * End of sale	-	Connects Mitsubishi PLC to the GP unit using 2 port adapter II (RS-422).	-

*Products may be changed or discontinued without notice. Please check our website for the latest information.

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2-5. Option compatibility – Serial Interface

Product Name	GP-4201TM/GP-4301TM	ST6000 2nd Gen	Description	Compatibility
Terminal Block Conversion Adapter	CA3-ADPTRM-01	CA3-ADPTRM-01	Connects output from a serial interface with an RS-422 terminal block.	✔
COM Port conversion Adapter	CA3-ADPCOM-01	-	Connects optional RS-422 communication items to GP unit's COM1 port.	-
Multi-Link Cable (5m)	CA3-CBLMLT-01 * End of sale	-	Connects a host controller to the GP for multi-link (n:1) communication.	-
9pin to 25pin RS-232C Conversion Cable (0.2m)	CA3-CBLCBT232-01	-	Connects a standard RS-232C cable (GP Connector, D-Sub 25-pin) to the GP.	-
9pin to 25pin RS-422 Conversion Cable (0.2m)	CA3-CBLCBT422-01 *End of sale	CA3-CBLCBT422-01 *End of sale	Connects a standard RS-422 cable (GP Connector, D-Sub 25-pin) to the GP.	✔
MPI Cable (3.5m)	ST03-A2B-MPI21-PFE	-	Connects a host controller to the GP unit for MPI communication.	-
RS-422 Terminal Block Conversion Adapter	-	PFXZCBADTM1	Connects output from a serial interface (D-sub 9 pin plug) directly to an RS-422 terminal block.	-
RS-232C Isolation Unit	-	PFXZC3ADISR21 (CA3-ISO232-01)	Connects a host controller to this product and provides isolation (RS-232C and RS-422 are switchable).	-
USB Cable (5m)	-	-	Connects a USB printer (Type B)	-
USB Front Cable (1m)	CA5-USBEXT-01	CA5-USBEXT-01	Extension cable attaching USB interface to front panel.	✔
USB Clamp Type A (1 port)	-	PFXZCBCLUSA1	Clamp to prevent disconnection of USB cable (USB Type A, 1 port, 5 clamps/set).	-
USB- Serial (RS-232C) Conversion Cable(0.5m)	CA6-USB232-01	-	Cable for converting a GP unit's USB interface into a serial interface (RS-232C). Can be used to transfer project data created with the Screen Editor & Logic Program Software via a serial interface.*1	-

*1: Requires am RS-232C cable (Prepared by the user) for connection.

*Products may be changed or discontinued without notice. Please check our website for the latest information.

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2-5. Option compatibility – USB Interface

Product Name	GP-4201TM/GP-4301TM	ST6000 2nd Gen	Description	Compatibility
USB Transfer Cable (USB Type A/mini-B) (1.8m)	ZC9USCBMB1	-	Cable for transferring screen data from a PC (USB Type A) to the GP unit (USB mini-B).	- Use the option of ST6000 series
USB Transfer Cable (USB Type A/micro-B)	-	PFXZUSCBMB2	Cable for transferring screen data from a PC (USB Type A) to this product (USB micro-B)	
USB Panel-mount Extension Cable (USB mini-B) (1m)	ZC9USEXMB1	-	Extension cable attaching to the USB (mini-B) interface on the front side of the operation panel.	- Use the option of ST6000 series.
USB (micro-B) Front Cable	-	PFXZCIEXMB2 *End of sale	Extension cable that attaches USB interface to front panel.	
USB/RS-422/485 Conversion Adapter	PFXZCBCBCVUSR41	-	Adapter for connecting this product (USB Type A) to an external device (RS-422/RS-485).	-
EZ Illumination Switch	PFXZCCEUSG1	-	A unit of 5 illuminated switches with multiple color LED easily connected with GP unit via USB.	-
EZ Fingerprint Recognition Unit	PFXZCCEUSS1	-	Fingerprint recognition unit easily connected with GP unit via USB. (End of Sale: Dec. 27, 2019)	-
EZ Numpad	PFXZCCEUKB1	-	Numpad connected to this product via USB.	-
EZ Tower Light tube mounting with fixing plate	PFXZCETWHA1	-	USB Connection Type Monolithic EZ Tower Light tube mounting with fixing plate 3 tiers, É”60, lighting and flashing with a buzzer.	-
EZ Tower Light with base mounting	PFXZCETWW1	-	USB Connection Type Monolithic EZ Tower with base mounting 3 tiers, É”60, lighting and flashing with a buzzer.	-

*Products may be changed or discontinued without notice. Please check our website for the latest information.

2-5. Option compatibility – Others

Product Name		GP-4201TM/GP-4301TM	ST6000 2nd Gen	Description	Compatibility
Screen Protection Sheet	3.5 inch	CA6-DFS4-01	-	Disposable, dirt-resistant sheet for the GP unit screen (5 sheets/set)	- Use the option of ST6000 series.
	5.7 inch	PFXZCBDS61	-		
UV Protection Sheet	3.5 inch	PFXZCFUV41	-	Sheet to protect the display from dirt and ultraviolet light (1 sheet / set)	
	5.7 inch	PFXZCFUV61	-		
Screen Protection Sheet with UV protected	4 inch wide	-	PFXZCIDS72	Disposable, dirt-resistant sheet for the display and ultra-violet protection sheet (1 sheet /set)	
	7 inch wide	-	PFXZCIDS42		
Display module	3.5 inch	PFXXM4200TP	-	Display module for GP4000M Series	- Installation method is different. Use the option of ST6000 series.
	5.7 inch	PFXXM4300TP	-		
Display module/Rear module separation cable	3m	PFXZXMADSM31	-	Cable with hook to install a rear module on a DIN rail while connecting the rear module to a separated display module. *1	
	5m	PFXZXMADSM51	-		
Rear module installation adapter		PFXZXMADSA1	-	DIN rail installation adapter for rear modules in non-display operation.	
Spring Clip		-	XBTZ3002	Fasteners to attach this product to the mounting surface for PFXST6200WA.	

*1: Available for the product which meets the requirements below.

Names	PV	RL	SV
GP-4201TM (Modular Type)	03 or later	07 or later	4.0 or later
GP-4301TM (Modular Type)	03 or later	08 or later	4.0 or later
GP-4000M (Rear Modular Type)	All revisions		

*Products may be changed or discontinued without notice. Please check our website for the latest information.

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2-5. Option compatibility – Maintenance

Product Name		GP-4201TM/GP-4301TM	ST6000 2nd Gen	Description	Compatibility
Display Installation Nut		PFXZGMNT1	-	Nut to install the display module (10 pcs/set).	-
Socket Wrench		PFXZGMSW1	-	Socket wrench to tighten and loosen the display installation nut.	
Accessories Kit		PFXZGMAK1	-	Anti-rotation Tee, USB cable clamp to prevent disconnection (Type A, Mini- B, for 1 port), 2mm-hight spacer to adjust installation panel thickness (1 piece/each)	-
Installation Fastener	PFXST6400AWADI	-	PFXZCIAFTF1	Installation fastener (2 pieces/set)	-
	PFXST6200AWADI	-	PFXZCFAF31		
Installation Gasket	PFXST6400AWADI	-	PFXZCIWG73	Provides dust and moisture resistance when this product is installed into a solid panel (1 piece).	-
	PFXST6200AWADI	-	PFXZCIWG43		
DC Power Supply Connector		PFXZGMCNDC1	CA5-DCCNM-01	Connector to connect DC power supply cables (5 pcs/set)	- Use the option of ST6000 2nd Series.

*Products may be changed or discontinued without notice. Please check our website for the latest information.

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2-6. Other Important notes on Hardware

- About COM ER(DTR/CTS) control
  - If you are not using ER(DTR/CTS) control in GP-Pro EX, are using XON/XOFF control, or are not monitoring ER(DTR/CTS) control signals via software, you can use the setup as-is without modifying the wiring.
  - If you are using ER(DTR/CTS) control, or if the control signal is being used for purposes other than ER (DTR/CTS) control—such as for status determination—this can be accommodated by modifying the wiring. However, for certain devices (such as microcontroller boards), it may be necessary to adjust the ER(DTR/CTS) control settings or review the cable wiring. When connecting, please refer to the " "GP-Pro-EX Device/PLC Connection Manual“ and re-verify your communication settings.

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2-6. Other Important notes on Hardware

- Do not expose the hardware to direct sunlight. Recommend to use the option item “UV Protection Sheet” to protect the display from ultraviolet light.
- Do not use the hardware outdoors.
- Do not turn on the hardware if condensation has occurred inside the device.
- The panel brightness may decrease when used for a long time in an environment continuously filled with inert gas. Please ventilate the control panel periodically.

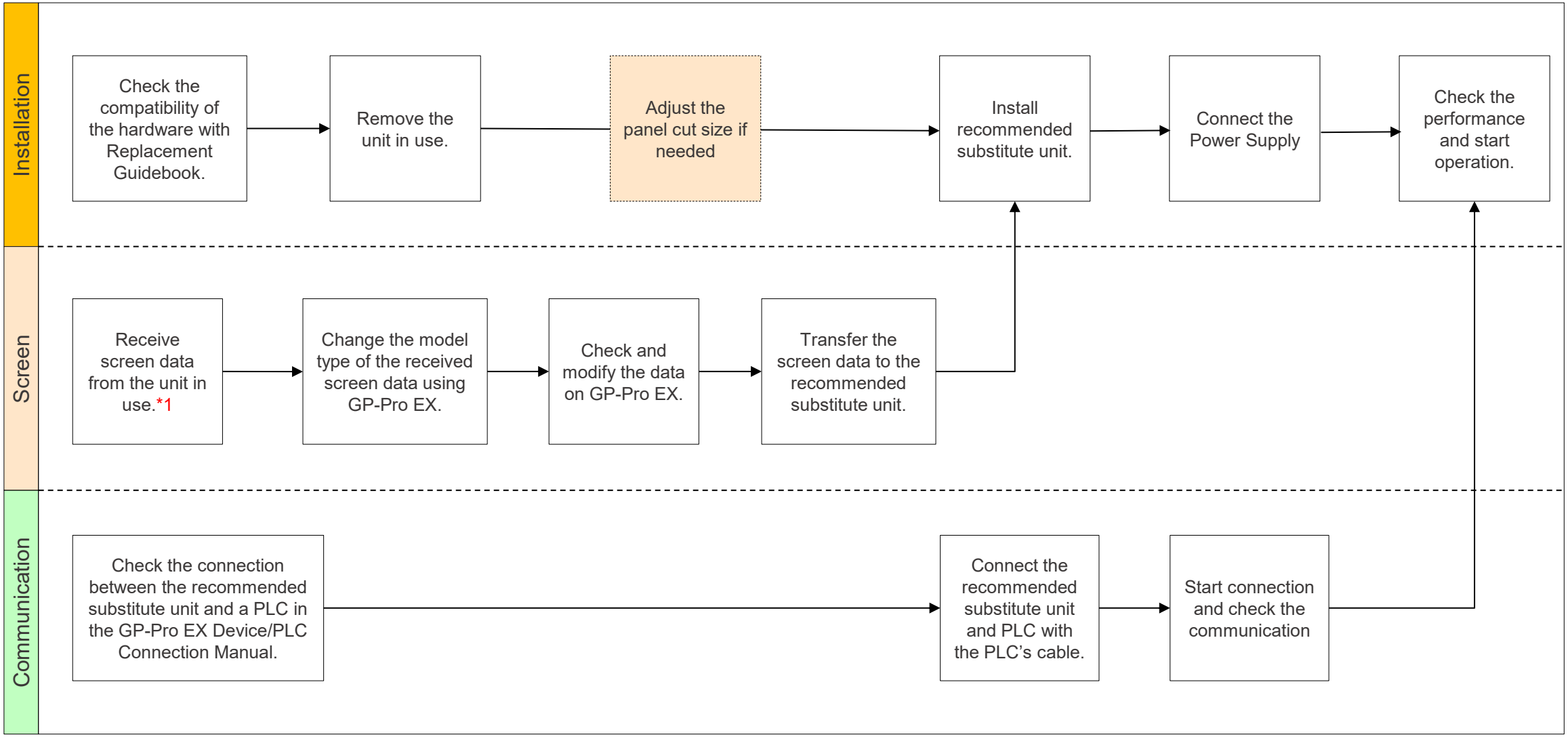
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3. Software Section

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3-1. Replacement Procedure – Workflow



*1 This step is required if screen data is saved only in the GP unit, not in any other device.

3-1. Replacement Procedure – Preparation

Requirements for receiving screen data from the unit in use *1	PC in which GP-Pro EX Transfer Tool is installed. *2
	Transfer Cable (the followings can be used) USB transfer cable: ZC9USCBMB1 (Type A – Type mini-B) or commercially available USB mini-B transfer cable *It's also possible to send/receive a screen via USB storage device or Ethernet.
Requirements for converting screen data of the unit in use and transferring the converted data to Recommended substitute unit	PC with GP-Pro EX installed ST6000A Series supported version: Ver. 5.02.000 or later NOTE: Need to purchase the GP-Pro EX license to transfer project by GP-Pro EX Ver. 5.00.000 or later
	Transfer Cable (the followings can be used) USB transfer cable: PFXZUSCBMB2 (Type A – Type micro-B) or commercially available USB micro-B transfer cable *It's also possible to send/receive a screen via USB storage device or Ethernet.

*1: This step is required if screen data is saved only in the HMI unit, not in any other device.
If you already have the screen data backup, please go to "3-1. Replacement Procedure – Change model to recommended substitute unit (GP-Pro EX)".

*2: Please use the same or later version of the software used when creating screens on the old model. If you don't know the software version, we recommend that you use the latest one. You can download the latest transfer tool from our website.
https://www.pro-face.com

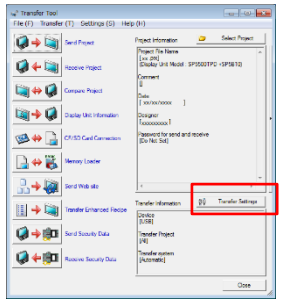
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3-1. Replacement Procedure – Receive Screen data from the model in use (GP-Pro EX)

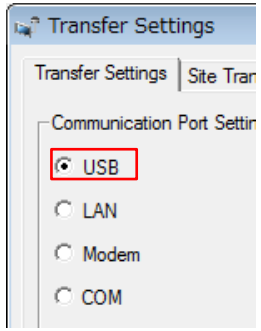
In this section, we will introduce how to receive screen data with a USB transfer cable as an example. If you have the backup of screen data, this step is not necessary. Please go to the next section.

1. Connect your PC and the model in use with a USB transfer cable. If the driver of the cable has not been installed on your PC yet, a dialog box will appear. Please follow the instructions.

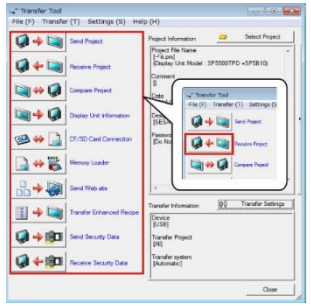
2. Start the Transfer Tool of GP-Pro EX.



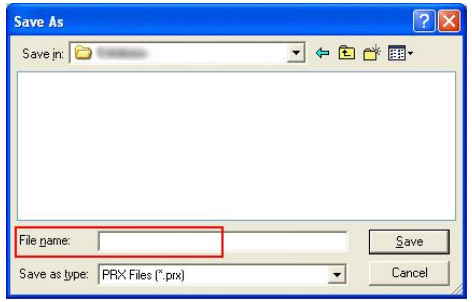
3. Make sure that the [Device] in the “Transfer Settings Information” is set to [USB]. If not, click the [Transfer Setting] button to open the “Transfer Setting” dialog box. Select [USB] in the Communication Port Settings field and click [OK].



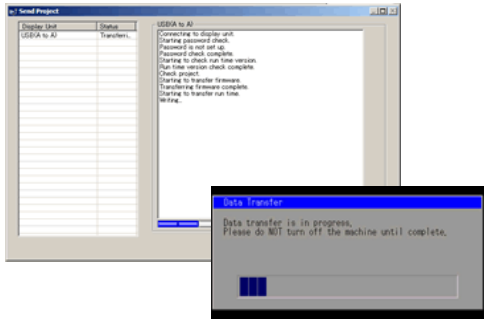
4. Start GP-Pro EX Transfer Tool and click the [Receive Project] button.



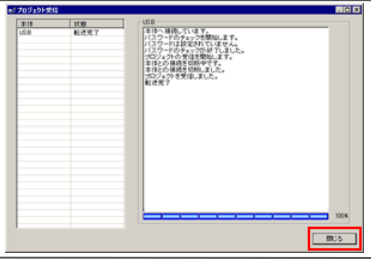
5. Click [Receive Project], and the following dialog box will appear. Specify a place to save the received data in and a project file name, and then click [Save] to start transfer.



6. The following dialog box appears during transfer, and you can check the communication status. (The display unit enters the Transferring mode and communication with the device such as a PLC is terminated.)



7. When transfer is completed, the status displayed in the dialog box will change from [Transferring] to [Complete Transfer]. Click [Close] to close the dialog box.

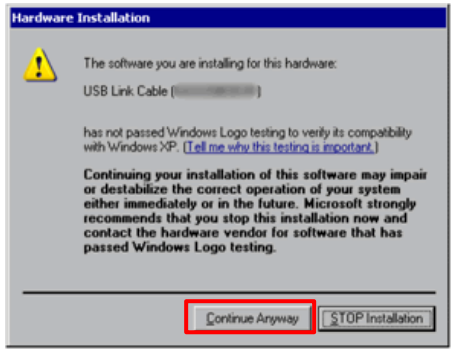


8. Close the Transfer Tool.

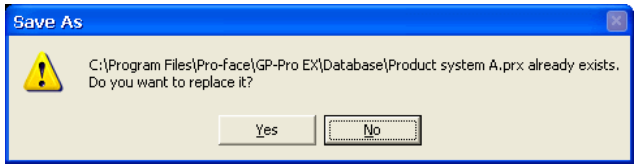
3-1. Replacement Procedure – Receive Screen data from the model in use (GP-Pro EX)

NOTES

- The “Hardware Installation” dialog box as shown on the right may appear during installing the USB driver depending on the security level of Windows®. Click [Continue Anyway] to start installing the driver. When installation is completed, click [Finish].



- When the file already exists, a window will appear asking if you want to overwrite the file.



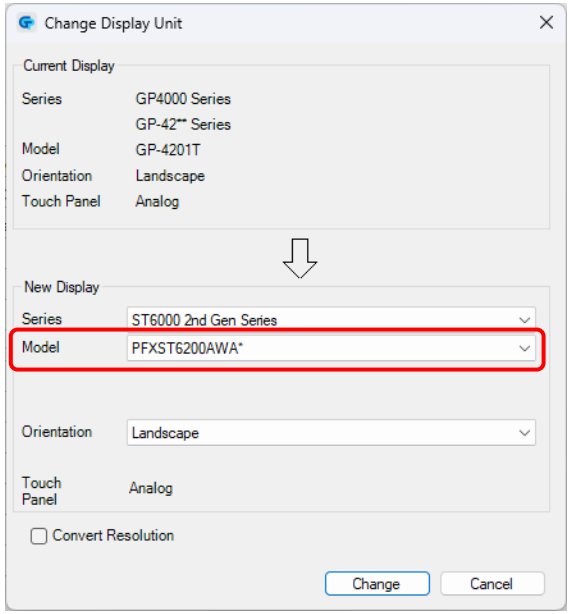
- When receiving a project file that uses SD card/USB memory data such as Recipe Function (CSV data), the following dialog box will appear during the transfer. Please specify where to save the data. Click [OK] to return to the [Receive Project] dialog box and complete the transfer.



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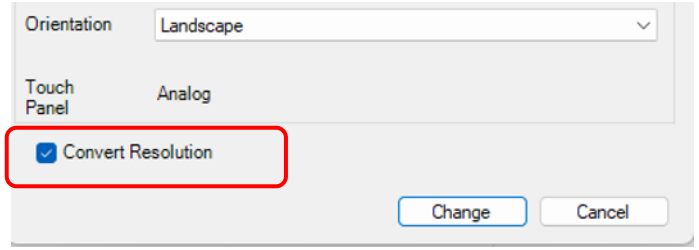
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3-1. Replacement Procedure – Change model to recommended substitute unit (GP-Pro EX)



Change the Display unit from GP4000M Series to ST6000 Series 2nd Gen.
The display can be changed from the menu bar “Project” → “System Settings” → “Display” → “Change Display” in GP-Pro EX.

If you check on [Convert Resolution] when changing the Display Unit type (as shown below), you can adjust both size and location of the part and the text relative to the display resolution automatically. But still, you may need to adjust them manually. Please pay attention to the following points.



- A function that requires absolute coordinates. Please adjust the settings manually.
  - **Global window**
  - **Position Animation**
- Due to font size and resolution restrictions, manual changes may be required. Please resize them if needed
  - **Font:** In the case of using Standard font, the size will be smaller. You can improve by using Stroke font or Image font.
  - **Objects**
  - **Parts**
  - **Images**
  - **Alarm parts**
- Position may differ from the original project. Please check the coordinate of the window and adjust if needed.
  - **Window display**

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3-1. Replacement Procedure – Transfer screen data to recommended substitute unit (GP-Pro EX)

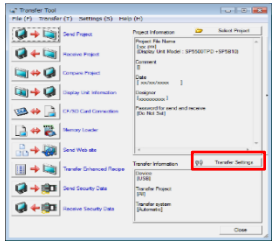
In this section, we will introduce how to transfer screen data with a USB transfer cable as an example. NOTE: The displayed content may vary depending on the version of GP-Pro EX.

1. Connect your PC and the recommended substitute unit with a USB transfer cable. If the driver of the cable has not been installed on your PC, a dialog box will appear. Please follow the instructions.

2. Turn on the power of Recommended substitute unit. The “Welcome” screen will appear on the display unit. After transferring a project file once, this screen will not appear again.



3. On the GP-Pro EX’s State Toolbar, click the [Transfer Project] icon to open the Transfer Tool.
To transfer a different project file, click the [Select Project] button and select a project file.

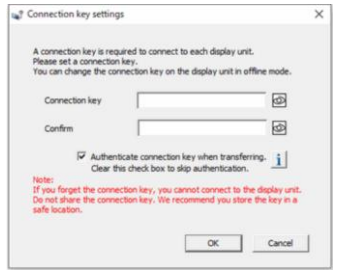


4. Make sure that the [Device] in the “Transfer Settings Information” is set to [USB]. If not, click the [Transfer Setting] button to open the “Transfer Setting” dialog box. Select [USB] in the Communication Port Settings field and click [OK].

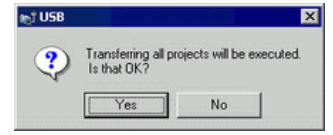


5. Click [Send Project].
In the dialog box that appears, set the connection key and clock [OK].

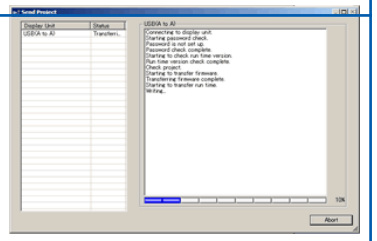
NOTE: If you forget the connection key, you will not be able to connect to the display unit. For more information about connection key, refer to GP-Pro EX reference manual (34.14.4 How the Connection Key Works).



6. When this dialog box appears, click [Yes]. This dialog box is not displayed when the same project file is sent again.

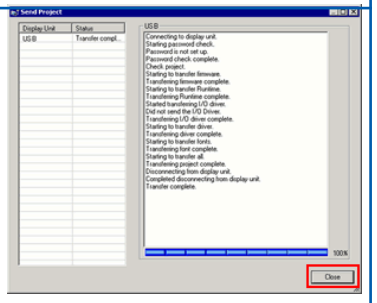


7. The transfer begins. The following dialog box appears during transfer, and you can check the communication status. (The display unit changes to Transferring mode and communication with the device/PLC is suspended.)



8. When transfer is completed, the state of the dialog box changes from [Transferring] to [Transfer Complete]. Click [Close] to close the dialog box.
9. Close the Transfer Tool

10. Click the [X] mark on top right of the screen or [Project] → [Exit] to close GP-Pro EX.



3-2. Software Compatibility – GP-Pro EX Supported Feature Comparison

There are some differences in supported functions between the GP-4201TM/GP-4301TM and the ST6000 2nd Gen series.

For details on supported functions, please refer to "1.5 Supported Features(For GP-4201TM/GP4301TM)" and "1.4 Supported Features(For ST6000 2nd Gen)" in the GP-Pro EX Reference Manual.

GP-Pro EX V4.0 Reference Manual
1.5.7 GP-4201TM/GP-4301TM

GP-Pro EX V5.0 Reference Manual
1.4.12 ST6000 2nd Gen Series

3-2. Software compatibility

Software	GP4000M	ST6000 2nd Gen	Compatibility of Project Data
GP-Pro EX	✔ Ver. 2.7 or later *1	✔ Ver. 5.02.000 or later	✔
	https://www.pro-face.com/otasuke/files/manual/gpproex/new/refer/gpproex.htm		
Pro-Server EX *2	✔ Ver. 1.32 or later	To be supported *3	-
	https://www.pro-face.com/otasuke/files/manual/soft/server_ex/v1_37/ref/SRPreface.htm		
Pro-face Remote HMI (iOS/Android) *2	✔ Ver. 1.30 or later	✔ Ver. 1.60 or later	✔
	https://www.pro-face.com/otasuke/qa/remotehmi/faq.html		
Pro-face Remote HMI Client for Win *2	✔ Ver. 1.40 or later	✔ Ver. 1.80 or later	✔
	https://www.proface.com/en/product/soft/remotehmi_client/download		
Pro-face Connect *2	-	✔ Ver. 9.6 or later	NEW
	-	https://www.proface.com/en/product/soft/proface_connect/download	

*1: To use some functions such as Alarm Analysis, Ver. 3.0 or later is required.
*2: The supported GP-Pro EX version differs depending on the software. *3 For the latest information, please refer to our Pro-face website (https://www.proface.com).

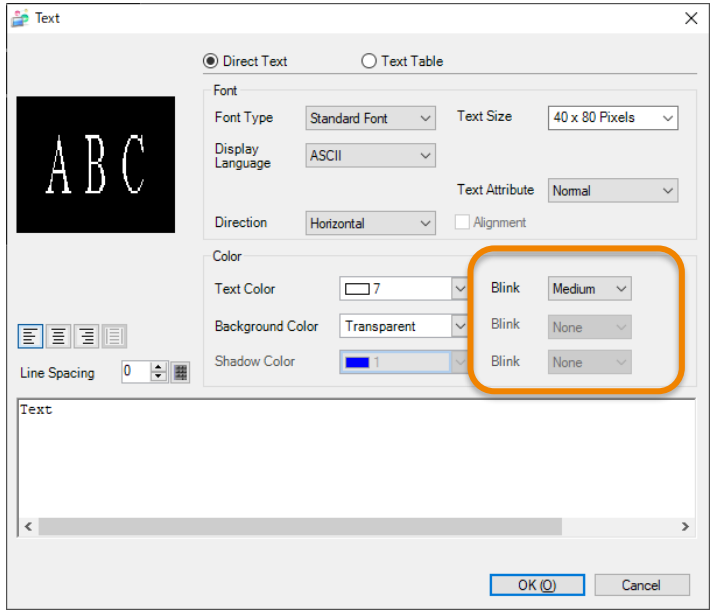
Software	Version	Supported GP-Pro EX Version
Pro-Server EX	1.32 or later	3.1 or later
Pro-face Remote HMI (iOS/Android)	1.10	3.5 or later
	1.20	3.6 or later
	1.30	4.0 or later
	1.31	4.02 or later
	1.41	4.03 or later
	1.42 or later	4.05 or later
Pro-face Remote HMI Client for Win	1.40 or later	4.03 or later
Pro-face Connect	1.0 or later	4.07.100 or later

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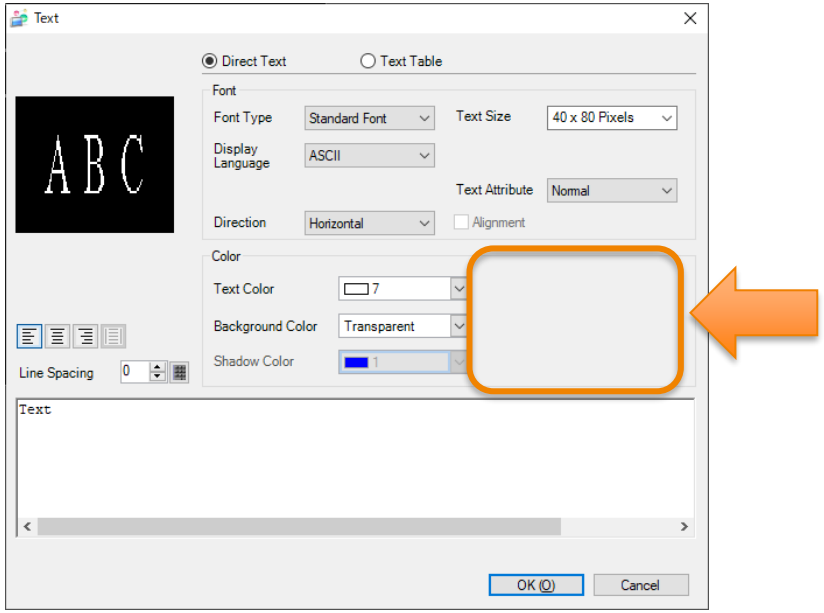
3-3. Other Important Notes on Software

- About Blink function
  - ST6000 2nd Series do not support Blink function. Therefore, if you use the blink settings in GP4000 Series, the settings will be cancelled after changing the display to ST6000 2nd Series in GP-Pro EX.

GP4000 Series



After converting the project to ST6000A Series



NOTE: We have a workaround to add blink functions to some of the parts/texts on ST6000A display by using the functions of the configuration software, GP-Pro EX. Refer to the following FAQ for the setting procedures.
https:/www.proface.com/en/support/faq/FAQ000268649

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