

Pro-face
for the best interface

GP4000 SERIES

The New Pro-face Standard

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GP4000 SERIES making its debut



Easy to Identify, Easy to Use

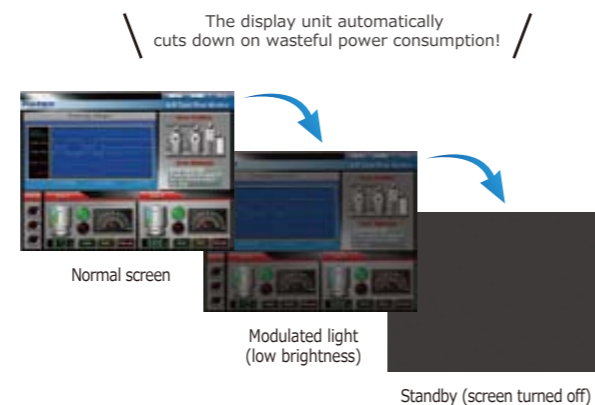
Operators can easily monitor conditions and the operating environment in real time using 3D real parts.



Features 65,536-color TFT standard-equipped

Energy Saving

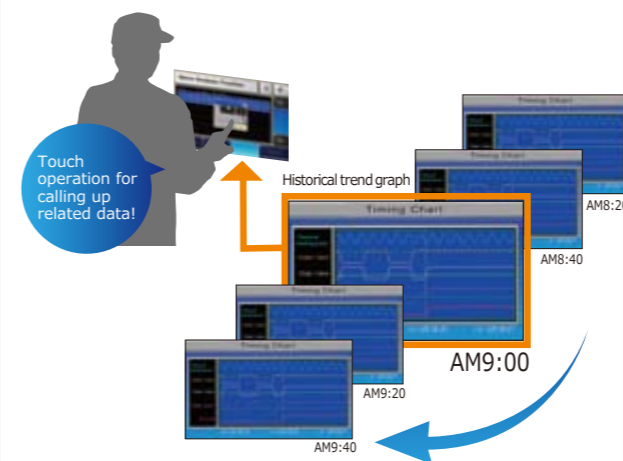
The GP4000 Series contributes to reducing on-site power consumption in a variety of ways including an on-board LED backlight in all models, and a dimmer setting used to decrease and eventually stand-by the display after being idle for a set period of time.



Standard equipped with LED backlight LCD + Dimmer setting

Quick On-site Recovery

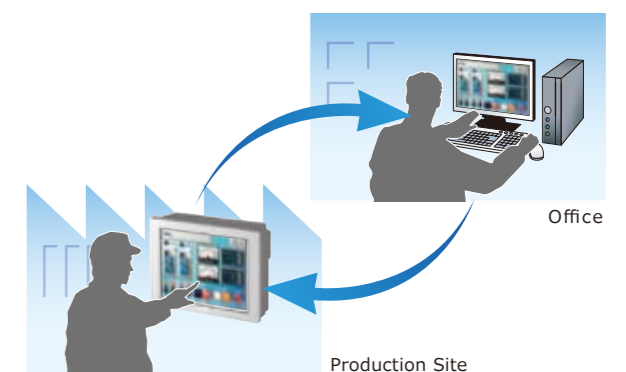
Simply touch the alarm message to check the relevant data in chronological sequence.



Alarm Analysis function






Remote Monitoring

The GP-Viewer EX software provides various remote monitoring functions, such as checking the screen of the GP located on a production site from a remote office.



Ethernet I/F featured as standard

Lineup





Standard Model	12.1-inch Standard Model	10.4-inch Standard Model	7.5-inch Standard Model	5.7-inch Standard Model	3.5-inch Standard Model
	AC 100-240V DC 24V	AC 100-240V DC 24V	DC 24V	DC 24V	DC 24V
	GP-4601T / GP-4603T (Isolated model)	GP-4501T / GP-4503T (Isolated model)	GP-4401T	GP-4301T / GP-4303T (Isolated model)	GP-4201T / GP-4203T (Isolated model)
					
Display (Resolution)	65,536-color TFT (800 x 600 pixels)		65,536-color TFT (640 x 480 pixels)		65,536-color TFT (320 x 240 pixels)
Brightness Control	16-level Brightness			16-level Brightness	
Touch Panel Type	Analog or Matrix (Support Two-Point Pressing)			Analog	
Memory	32MB (Application), 320KB(Backup for HMI), 64KB(Backup for Control)		32MB (Application), 320KB(Backup for HMI), 64KB(Backup for Control)		16MB (Application), 320KB(Backup for HMI), 64KB(Backup for Control)
Ethernet	x1 (IEEE802.3i / IEEE802.3u,10BASE-T/100BASE-TX)			x1 (IEEE802.3i / IEEE802.3u,10BASE-T/100BASE-TX)	
SIO	COM x 2		COM x 2		COM x 1
SD Card Slot	x 1		x 1		No
USB	USB Type-A (2.0) x 1, USB mini-B (2.0) x 1		USB Type-A (2.0) x 1, USB mini-B (2.0) x 1		
Replaceable Battery	Yes		Yes		When replacement is required,contact your Pro-face sales.



HMI Screen Editor & Logic Programming Software

Use with the entire Pro-Face line-up through optimized drag and drop operation, and a abundant variety of program-free connection methods to a wide range of devices.



W Model	10.4-inch W Model	7.0-inch wide W Model	5.7-inch W Model	3.5-inch W Model	
	DC 24V	DC 24V	DC 24V	DC 24V	
	GP-4501TW	GP-4401WW	GP-4301TW	GP-4201TW	
					
Display (Resolution)	65,536-color TFT (640 x 480 pixels)		65,536-color TFT (800 x 480 pixels)		65,536-color TFT (320 x 240 pixels)
Brightness Control	8-level Brightness			8-level Brightness	
Touch Panel Type	Analog			Analog	
Memory	16MB (Application), 128KB (Backup for HMI)		16MB (Application), 128KB (Backup for HMI)		8MB (Application), 128KB (Backup for HMI)
Ethernet	x1 (IEEE802.3i / IEEE802.3u,10BASE-T/100BASE-TX)		x1 (IEEE802.3i / IEEE802.3u,10BASE-T/100BASE-TX)		No
SIO	COM x 2		COM x 2		
SD Card Slot	x 1		x 1		No
USB	USB Type-A (2.0) x 1, USB mini-B (2.0) x 1		USB Type-A (2.0) x 1, USB mini-B (2.0) x 1		
Replaceable Battery	Yes		Yes		When replacement is required,contact your Pro-face sales.

Lineup

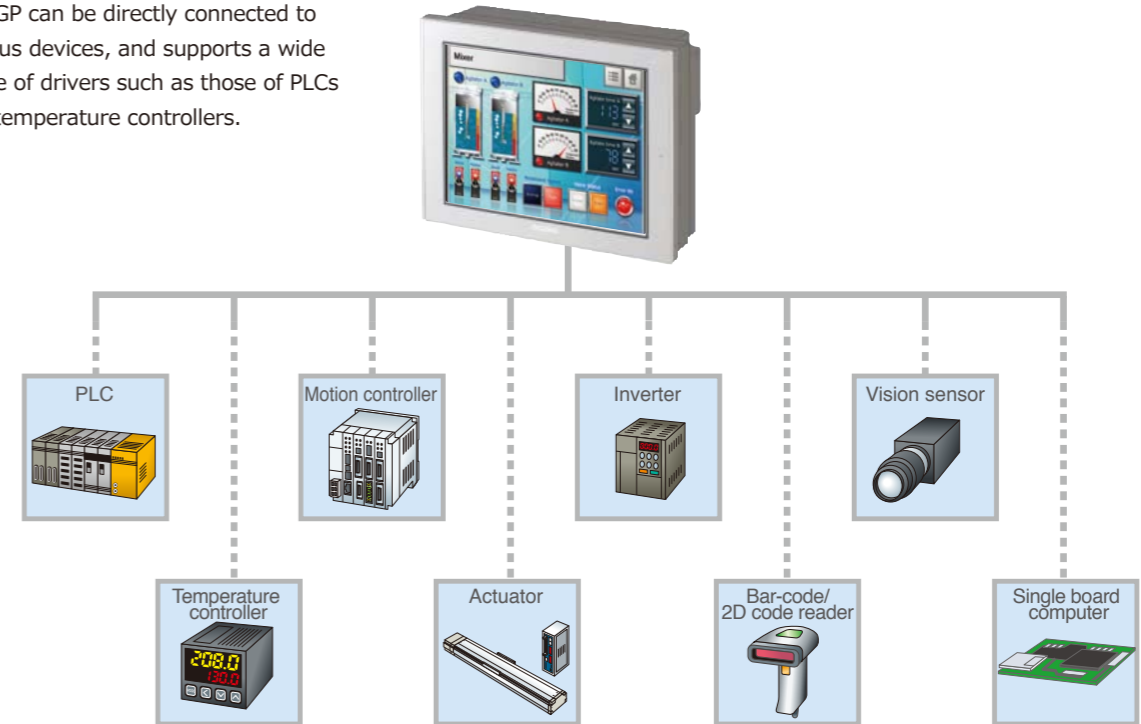
Modular Type Compact Type	5.7-inch DC 24V Modular Type GP-4301TM	3.5-inch DC 24V Modular Type GP-4201TM	3.4-inch DC 24V Compact Type GP-4100
Display (Resolution)	65,536-color TFT (320 x 240 pixels)		Monochrome LCD (200 x 80 pixels)
Brightness Control	16-level Brightness		
Touch Panel Type	Analog		
Memory	8MB (Application), Equivalent to 128KB *1 (Backup for HMI)		2.2MB (Application), Equivalent to 128KB *1 (Backup for HMI)
Ethernet	x1 (IEEE802.3i / IEEE802.3u,10BASE-T/100BASE-TX)		x1 (IEEE802.3u,10BASE-T/100BASE-TX) *2
SIO	COM x1		COM x1 *3
SD Card Slot	No		
USB	USB Type-A (2.0) x 1, USB mini-B (2.0) x 1		
Replaceable Battery	When replacement is required, contact your Pro-face sales.		

*1: Application memory can provide 128KB for Data Backup. For supported features, please refer to GP-Pro EX Reference Manual. *2: GP-4104 only *3: Excluding GP-4104

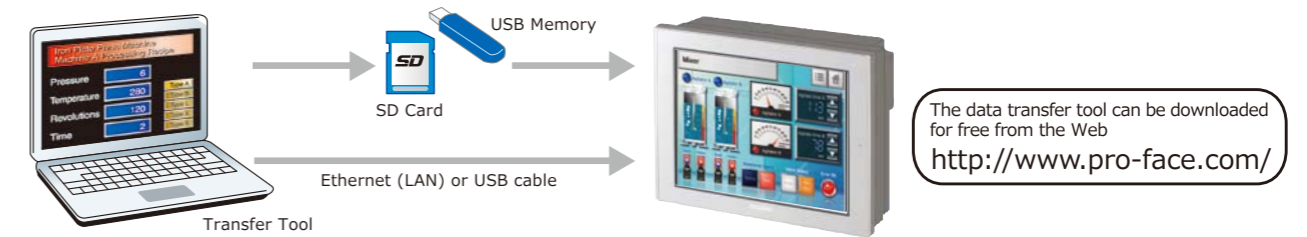
More functions for more applications

An extensive driver allows you to connect various devices

The GP can be directly connected to various devices, and supports a wide range of drivers such as those of PLCs and temperature controllers.



Screen data can be updated by using the data transfer tool, even without a software license.



Conforms to overseas standards for hassle-free export and use with overseas equipment

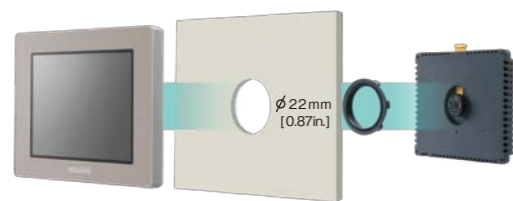


IP65f Front Enclosure
NEMA#250 TYPE 4X/13*
ABS, BV and other marine certifications also followed.*
(ABS, BV, DNV, GL, LR, RINA, CCS, NK)
*Planned to acquire UL/cUL Hazardous Locations and ATEX
*Planned to acquire marine certifications in 2012

Equipped with a replaceable primary battery. Maintains an ambient operating temperature of 0 to 55°C [32 to 131F°] even in adverse environments.

- GP-4601T, GP-4603T
- GP-4501T, GP-4503T
- GP-4401T, GP-4301T
- GP-4303T

Modular type for easy mounting

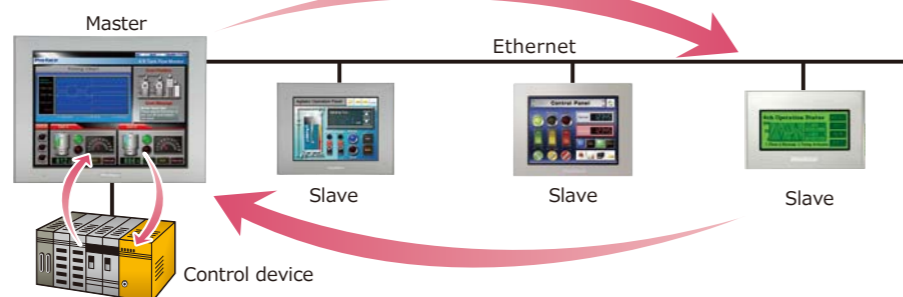


Super-small display for various applications



Ethernet Multi-Link function

The Ethernet Multi-Link function allows you to easily add a GP as a sub-display to the facility without changing any settings of the control device.





We are always striving to bring you the high quality interface designed to provide a cohesive, evolving connection between customers and the high quality products, service and support from around the world.

We provide our best possible support for each and every individual customer.

Our Environmental Policy and Compliance with the RoHS Directive

Pro-face has taken significant steps to meet increasingly stringent requirements for environmental preservation and has sought to comply with the RoHS Directive by adopting measures to eliminate specified harmful substances from existing products and products to be manufactured and sold beginning in 2006. For details, please refer to our web site or contact our sales office in your country.



www.pro-face.com

Global Network and Global Support

⚠ WARNING

HAZARD OF OPERATOR INJURY, OR UNINTENDED EQUIPMENT DAMAGE

Before operating any of these products, be sure to read all related manuals thoroughly.
Failure to follow these instructions can result in death or serious injury, unintended equipment damage.

- For printing purposes, the colors in this catalog may differ from those of the actual unit.
- Actual user screens may differ from the screens shown here.
- Electric equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Digital for any consequences arising out of the use of this material.
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- All information contained in this catalog is subject to change without notice.

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