

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

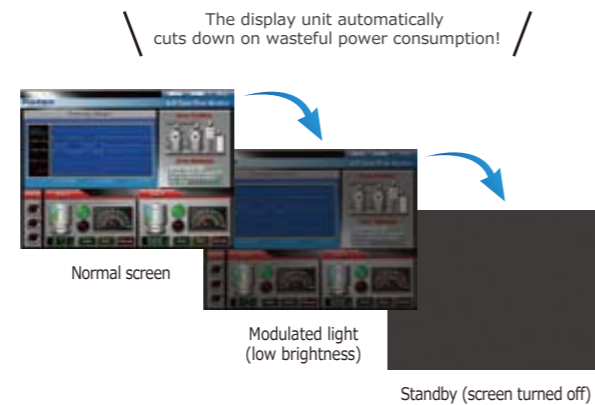
Operators can easily monitor conditions and the operating environment in real time using 3D real parts.



Features 65,536-color TFT standard-equipped

Energy Saving

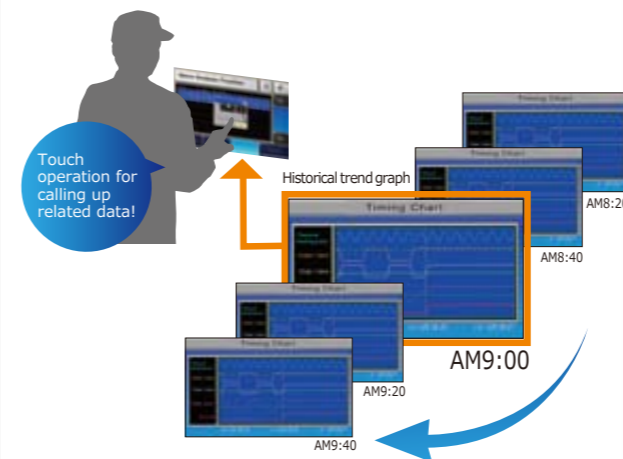
The GP4000 Series contributes to reducing on-site power consumption in a variety of ways including an on-board LED backlight in all models, and a dimmer setting used to decrease and eventually stand-by the display after being idle for a set period of time.



Standard equipped with LED backlight LCD + Dimmer setting

Quick On-site Recovery

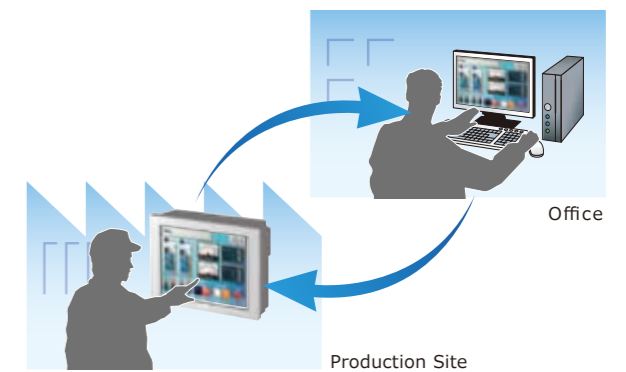
Simply touch the alarm message to check the relevant data in chronological sequence.



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	<p>12.1-inch <small>Standard Model</small></p> <p>AC 100-240V DC 24V</p> <p>GP-4601T / GP-4603T <small>(Isolated model)</small></p> 	<p>10.4-inch <small>Standard Model</small></p> <p>AC 100-240V DC 24V</p> <p>GP-4501T / GP-4503T <small>(Isolated model)</small></p> 	<p>7.5-inch <small>Standard Model</small></p> <p>DC 24V</p> <p>GP-4401T</p> 	<p>5.7-inch <small>Standard Model</small></p> <p>DC 24V</p> <p>GP-4301T / GP-4303T <small>(Isolated model)</small></p> 	<p>3.5-inch <small>Standard Model</small></p> <p>DC 24V</p> <p>GP-4201T / GP-4203T <small>(Isolated model)</small></p> 
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Display	65,536-color TFT		65,536-color TFT	
Brightness Control	16-level Brightness		16-level Brightness	
Touch Panel Type	Analog or Matrix (Support Two-Point Pressing)		Analog	
Memory	FLASH EPROM 32MB (Internal Memory), SRAM 512KB (Backup Memory)		FLASH EPROM 32MB (Internal Memory), SRAM 512KB (Backup Memory)	
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	
SD Card Slot	x 1		x 1	
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	<p>10.4-inch <small>W Model</small></p> <p>DC 24V</p> <p>GP-4501TW</p> 	<p>7.0-inch wide <small>W Model</small></p> <p>DC 24V</p> <p>GP-4401WW</p> 	<p>5.7-inch <small>W Model</small></p> <p>DC 24V</p> <p>GP-4301TW</p> 	<p>3.5-inch <small>W Model</small></p> <p>DC 24V</p> <p>GP-4201TW</p> 
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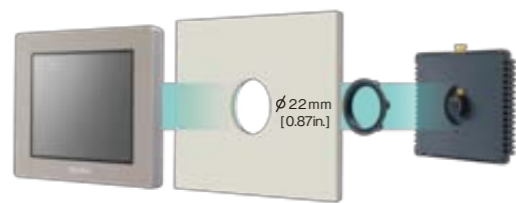
Display	65,536-color TFT		65,536-color TFT	
Brightness Control	8-level Brightness		8-level Brightness	
Touch Panel Type	Analog		Analog	
Memory	FLASH EPROM 16MB (Internal Memory), SRAM 128KB (Backup Memory)		FLASH EPROM 16MB (Internal Memory), SRAM 128KB (Backup Memory)	
Ethernet	x1 (IEEE802.3i / IEEE802.3u,10BASE-T/100BASE-TX)		x1 (IEEE802.3i / IEEE802.3u,10BASE-T/100BASE-TX)	
SIO	COM x 2		COM x 2	
SD Card Slot	x 1		x 1	
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

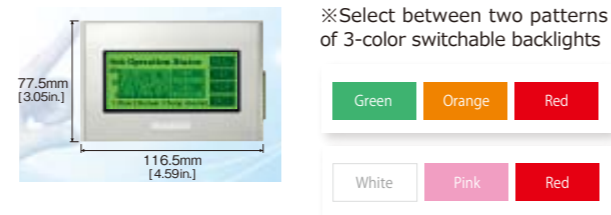
Modular Type Compact Type	5.7-inch <small>DC 24V</small> Modular Type	3.5-inch <small>DC 24V</small> Modular Type	3.4-inch <small>DC 24V</small> Compact Type
	GP-4301TM	GP-4201TM	GP-4100
Display	65,536-color TFT		Monochrome LCD
Brightness Control	16-level Brightness		
Touch Panel Type	Analog		
Memory	FLASH EPROM 8MB (Internal Memory), SRAM not available (Backup Memory)		FLASH EPROM 2.2MB (Internal Memory), SRAM not available (Backup Memory)
Ethernet	x1 (IEEE802.3i / IEEE802.3u,10BASE-T/100BASE-TX)		x1 (IEEE802.3u,10BASE-T/100BASE-TX) ※1
SIO	COM x1		COM x1 ※2
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: GP-4104 only *2: Excluding GP-4104

Modular type for easy mounting

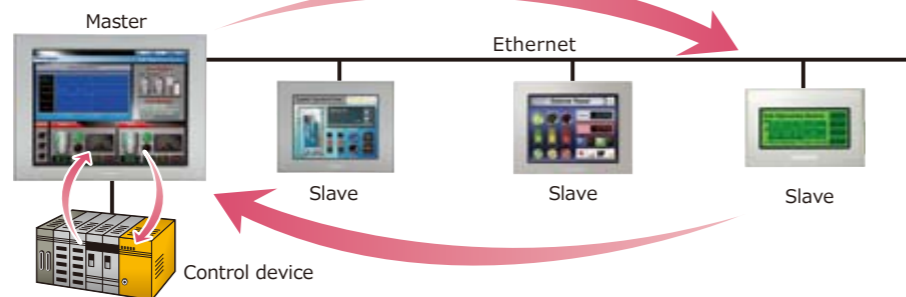


Super-small display for various applications



Ethernet Multi-Link function

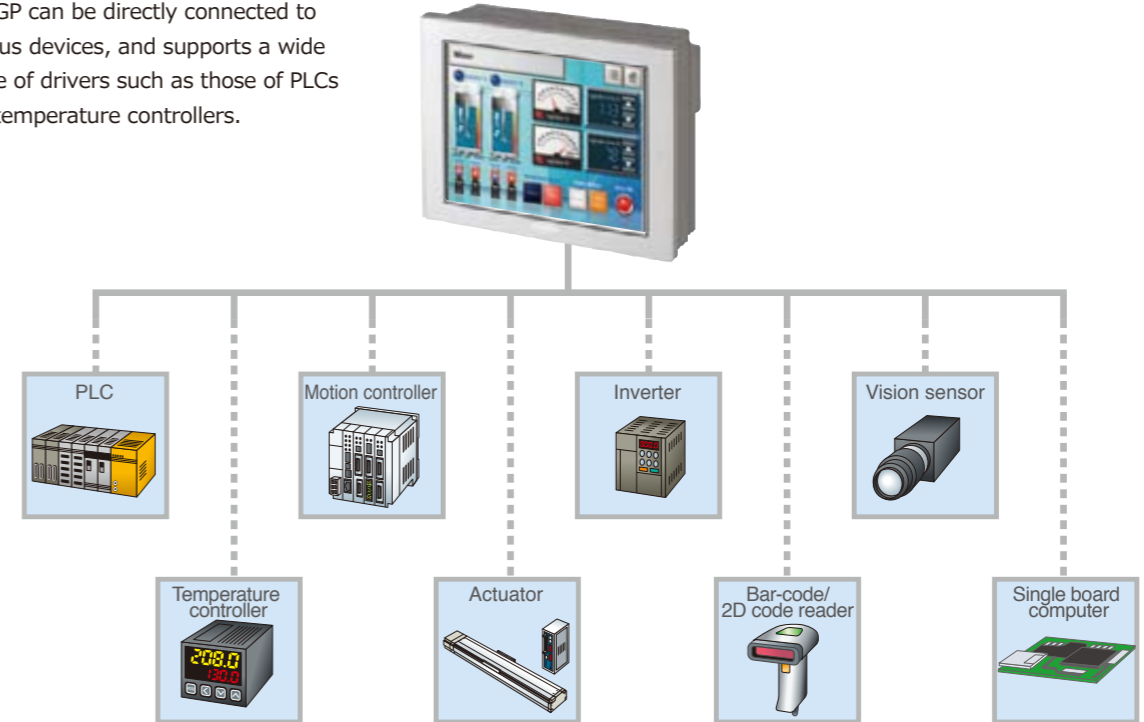
The Ethernet Multi-Link function allows you to easily add a GP as a sub-display to the facility without changing any settings of the control device.



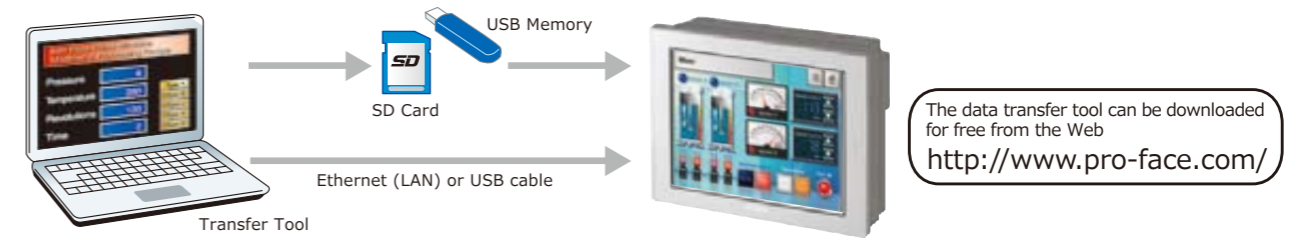
More functions for more applications

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



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.
- All product names used in this catalog are the registered trademarks or trademarks of their respective companies.
- All information contained in this catalog is subject to change without notice.

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