

Pro-face
for the best interface

GP4000 SERIES

The New Pro-face Standard

The New Pro- face Standard

GP4000 SERIES making its debut



Easy to Identify, Easy to Use

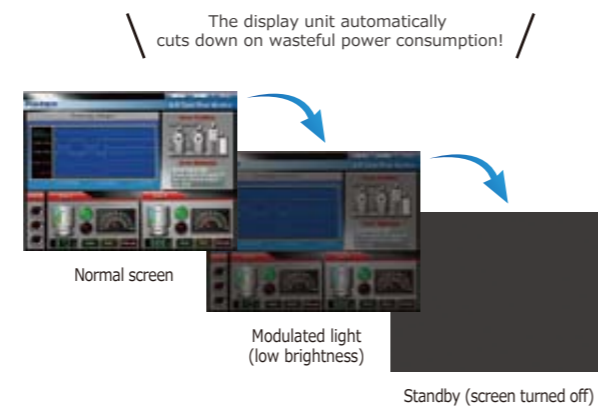
Operators can easily monitor conditions and the operating environment in real time using 3D real parts.



Features 65,536-color TFT standard-equipped

Energy Saving

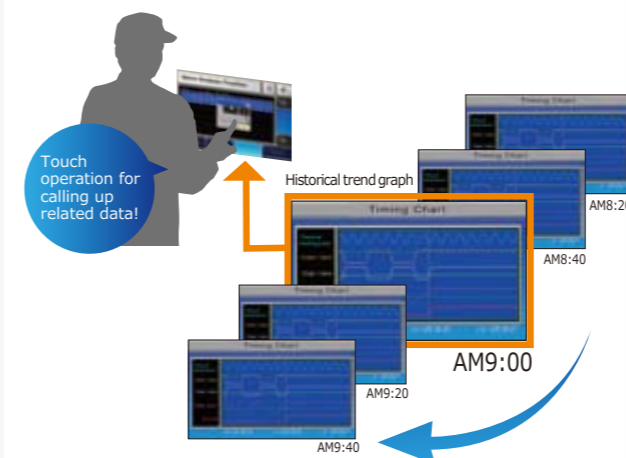
The GP4000 Series contributes to reducing on-site power consumption in a variety of ways including an on-board LED backlight in all models, and a dimmer setting used to decrease and eventually stand-by the display after being idle for a set period of time.



Standard equipped with LED backlight LCD + Dimmer setting

Quick On-site Recovery

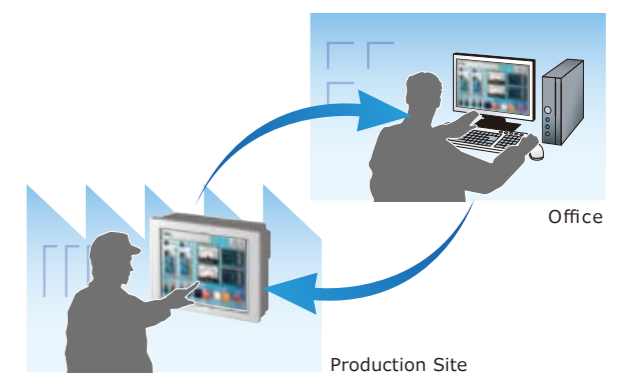
Simply touch the alarm message to check the relevant data in chronological sequence.



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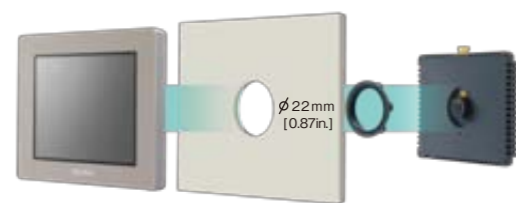
Display	65,536-color TFT		65,536-color TFT	
Brightness Control	8-level Brightness		8-level Brightness	
Touch Panel Type	Analog		Analog	
Memory	FLASH EPROM 16MB (Internal Memory), SRAM 128KB (Backup Memory)	FLASH EPROM 16MB (Internal Memory), SRAM 128KB (Backup Memory)	FLASH EPROM 8MB (Internal Memory),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

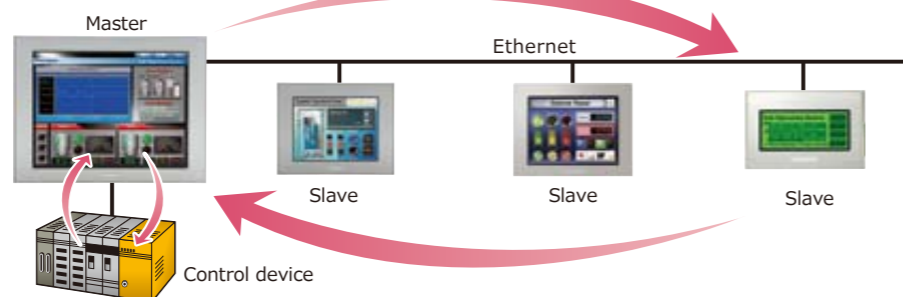


Super-small display for various applications



Ethernet Multi-Link function

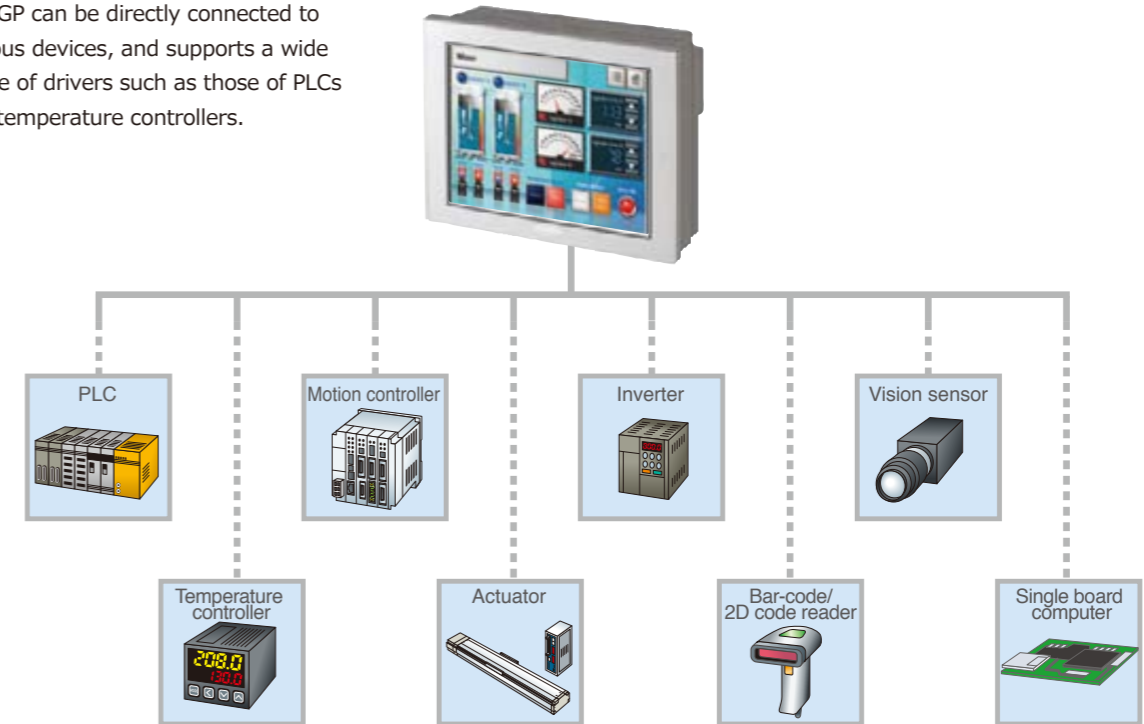
The Ethernet Multi-Link function allows you to easily add a GP as a sub-display to the facility without changing any settings of the control device.



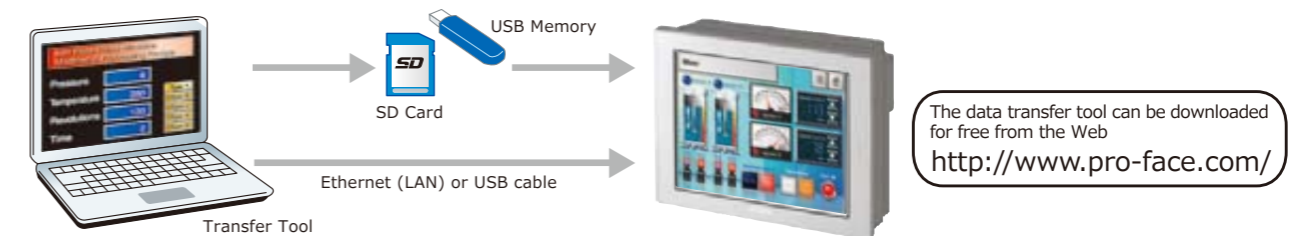
More functions for more applications

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.

Global Head Office

Digital Electronics Corporation
Osaka, JAPAN
Tel: +81 (0)6 6613 3116
Fax: +81 (0)6 6613 5888
<http://www.pro-face.com>
info@pro-face.com

Australia and New Zealand

Pro-face Australia
Mt. Waverley, AUSTRALIA
Tel: +61 (0)3 9550 7395
Fax: +61 (0)3 9550 7390
<http://www.pro-face.com.au> <http://www.pro-face.co.nz>
pfau@pro-face.com

China

Pro-face China International Trading Co., Ltd.
Shanghai, P. R. CHINA
Tel: +86 (0)21 6361 5175
Fax: +86 (0)21 6361 5176
<http://www.pro-face.com.cn>
proface@pro-face.com.cn

India

Pro-face India
Bangalore, INDIA
Tel: +91 80 4333 3540/3541
Fax: +91 80 4333 3222
<http://www.pro-face.com.in>
sales.proface@pro-face.com.in

North/South American Head Office

Pro-face America, Inc.
Saline, MI U.S.A.
Tel: +1 734 429 4971
Fax: +1 734 429 1010
<http://www.pro-faceamerica.com>
sales.info@pro-faceamerica.com

Singapore

Pro-face Singapore
TechPoint, Singapore
Tel: +65 6832-5533
Fax: +65 6415-1605
<http://www.pro-face.sg>
info@pro-face.sg

South-East Asia Pacific

Pro-face South-East Asia Pacific Co., Ltd.
Bangkok, THAILAND
Tel: +66 (0)2 617 5678
Fax: +66 (0)2 617 5688
<http://www.pro-face.co.th>
support@pro-face.co.th

South Korea

Pro-face Korea Co., Ltd.
Seoul, SOUTH KOREA
Tel: +82 (0)2 2630 9850
Fax: +82 (0)2 2630 9860
<http://www.pro-face.co.kr>
proface@pro-face.co.kr

Taiwan

Pro-face Taiwan Co., Ltd.
Taipei, TAIWAN
Tel: +886 (0)2 2657 1121
Fax: +886 (0)2 2657 1021
<http://www.pro-face.com.tw>
proface@pro-face.com.tw

European Head Office

Pro-face Europe B.V.
Hooftdorp, THE NETHERLANDS
Tel: +31 (0)23 55 44 099
Fax: +31 (0)23 55 44 090
<http://www.pro-face.eu>
info@pro-face.eu

Austria

Pro-face Europe B.V. (Austria Office)
Hagenberg, AUSTRIA
Tel: +43 7238 3343 620
FAX: +43 7238 3343 629
<http://www.pro-face.at>
info@pro-face.at

France

Pro-face France S.A.S.
Mity-Mory, FRANCE
Tel: +33 (0)1 60 21 22 91
Fax: +33 (0)1 60 21 22 92
<http://www.pro-face.fr>
info@pro-face.fr

Germany

Pro-face Deutschland GmbH
Solingen, GERMANY
Tel: +49 (0)212 258 260
Fax: +49 (0)212 258 2640
<http://www.pro-face.de>
info@pro-face.de

Italy

Pro-face Italia S.p.a.
Bovisio Masciago (Milano), ITALY
Tel: +39 (0)362 59 96 1
Fax: +39 (0)362 59 96 69
<http://www.pro-face.it>
info@pro-face.it

Northern Europe

Pro-face Northern Europe ApS
Roskilde, DENMARK
Tel: +45 70 22 01 22
Fax: +45 70 22 01 33
<http://www.pro-face.dk>
info@pro-face.dk

Poland

Pro-face Europe B.V. (Warszawa Office)
Warszawa, POLAND
Tel: +48 (22) 465 66 62
Fax: +48 (22) 465 66 67
<http://www.pro-face.pl>
info@pro-face.pl

Russia

Pro-face Europe B.V. (Russia Office)
Saint-Petersburg, RUSSIA
Tel: +007 (812) 336 47 06
Fax: +007 (812) 336 47 18
<http://www.pro-face.ru>
info@pro-face.ru

Spain and Portugal

Pro-face España
Cardedeu (Barcelona), SPAIN
Tel: +34 (0)93 846 07 45
Fax: +34 (0)93 846 48 68
<http://www.pro-face.es>
info@pro-face.es

Sweden

Pro-face Sweden AB
Lödösköping (Malmö), SWEDEN
Tel: +46 46 540 90 70
Fax: +46 46 71 27 90
<http://www.pro-face.se>
info@pro-face.se

Switzerland

Pro-face Schweiz GmbH
Regensdorf, SWITZERLAND
Tel: +41 (0)43 343 7272
Fax: +41 (0)43 343 7279
<http://www.pro-face.ch>
info@pro-face.ch

United Kingdom

Pro-face UK Ltd
Coventry, ENGLAND
Tel: +44 (0)2476 511288
Fax: +44 (0)2476 511499
<http://www.pro-face.co.uk>
info@pro-face.co.uk