

- 65,536-color Wide-resolution TFT Display
- Easy Creation of Real-image Screens
- Easy Connection with a Wide Range of Controllers

10.1-inch Wide GC-4501W



7.0-inch Wide GC-4401W

7.0-inch Wide GC-4408W
Low Power Consumption Model



GP-Pro EX allows you
to easily create screens.


GP-Pro EX Ver.3.0.1

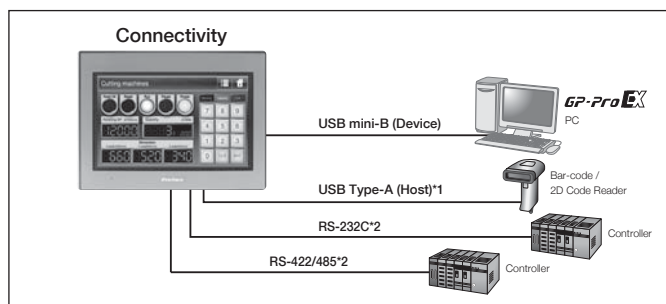
| Functional Specifications | | GC-4501W | GC-4401W | GC-4408W |
|---------------------------|-------------------|---|--|--------------------------------------|
| Display Type | | 10.1" TFT Color LCD | 7" TFT Color LCD | |
| Display Colors | | 65,536 colors | | |
| Resolution | | 800x480 pixels (WVGA) | | |
| Backlight | | LED | | |
| Active Display Area | | 219.6 x 131.76 mm (8.645x5.187 in.) | 154.08 x 85.92 mm (6.066x3.382 in.) | |
| Language Fonts *1 | | English | | |
| Character Sizes | | Standard font: 8 x 8, 8 x 16, 16 x 16 and 32 x 32 pixel fonts | | |
| Application memory *2 | | FLASH ROM 8 MB | | |
| Backup NVSRAM | | 128 KB | | - |
| Clock Accuracy | | Variations in operating conditions and battery life can cause a clock inaccuracy from -380 to +90 seconds per month. | | Uses the clock of an external device |
| Touch Panel Type | | Resistive Film (analog) | | |
| Interface | Serial (COM1)*3 | RS-232C Asynchronous Transmission, Data Length: 7 or 8 bit, Parity: none, Odd or Even, Stop Bit:1 or 2 bit, Data Transmission Speed:2,400 bps to 115,200 bps D-Sub 9 pin (plug) | | |
| | | RS-422 / RS-485 Asynchronous Transmission, Data Length: 7 or 8 bit, Parity: none, Odd or Even, Stop Bit:1 or 2 bit, Data Transmission Speed:2,400 bps to 187,500 bps D-Sub 9 pin (plug) | | |
| | USB (Type A) | Conforms to USB2.0 (Type A) x 1, Maximum Transmission Distance: 5 m (16.40 ft) | | - |
| | USB (Type mini B) | Used for application download | | |

*1: Please refer to the GP-Pro EX Reference Manual for details on font types and character codes.

*2: Capacity available for user application. The capacity depends on how many fonts you load from the Editor software.

*3: 1 channel selectable.

| General Specifications | | GC-4501W | GC-4401W | GC-4408W |
|---------------------------------|--|--|--|----------|
| International Safety Standards | |  | | |
| Certifications and Standards | | Directive 2006/95/EC (Low voltage), Directive 2004/108/EC (EMC), EMI: EN61000-6-4, EMS: EN61000-6-2, EMS: EN611131-2, UL50 Type 4 indoor only | | |
| Rated Input Voltage | | DC24V | | |
| Power Consumption | | 11 W | 8.2 W | 5 W |
| Ambient Operating Temperature | | 0 to 50 °C (32 to 122 °F) | | |
| Grounding | | Observe local codes and standards. The ground connection must have a resistance $\leq 0.1\Omega$ and the ground wire must have a cross section of at least 2 mm ² (AWG 14). | | |
| Vibration Immunity | | IEC/EN60068-2-6 5 to 150 Hz, 3.5 mm (0.38 in) max., 1 gn pm 3 axes | | |
| Structure | | Front Panel: IP 65 (IEC60529) Enclosure type 4 indoor use only (UL50) with screw installation fasteners Rear Panel: IP 20 (IEC 60529) | | |
| Coating | | The PCBA is coated against dust and humidity. | | |
| External dimensions (W x H x D) | | 275.8 mm (10.86 in.) x 206.8 mm (8.14 in.) x 59.8 mm (2.36 in.) | 207.8 mm (8.18 in.) x 153.2 mm (6.03 in.) x 59.8 mm (2.36 in.) | |
| Cooling Method | | Natural air circulation | | |



*1: Excluding GC-4408W

*2: GC-4408W is 1 channel selectable.

Communication Driver List of Connectable Devices

| PLC | Series |
|--|--|
| Hitachi Industrial Equipment Systems Co., Ltd. | H, EH-150, MICRO-EH, Web Controller, EHV |
| KEYENCE CORPORATION | KV-700/1000/3000/5000/5500, KV Series |
| KOYO ELECTRONICS INDUSTRIES CO., LTD. | KOSTAC SG/SU/SZ/PZ3/SR, DL205/305/405, Direct Logic05/06 |
| LS Industrial Systems Co., Ltd. | K1000S, K300S, K200S, K120S, K80S, XGK |
| Mitsubishi Electric Corporation | MELSEC AnA, MELSEC AnN, MELSEC Q (A mode), MELSEC QnA, MELSEC Q, MELSEC L, MELSEC FX |
| OMRON Corporation | SYMATIC C/α/CV, CS1/CJ1/CJ2/CP1/CP1E |
| Panasonic Electric Works SUNX Co., Ltd. | FP |
| Rockwell Automation, Inc. | SLC500, PLC-5, ControlLogix, MicroLogix, CompactLogix |
| Schneider Electric SA | Nano, Micro, Premium, Twido, Quantum, Momentum, MODBUS communication devices |
| Siemens AG | SIMATIC S7-200/S7-300/S7-400, 90U - 115U Series, 135U/155U Series, SIMATIC S5 Series |
| TOSHIBA CORPORATION | T Series, V Series, EX Series |
| TOSHIBA MACHINE CO., LTD. | TC200, TC200S, TCmini |
| YASKAWA Electric Corporation | Control Pack, MP900, MP2000, MEMOCON GL, MEMOCON SC, MEMOCON Micro |
| Temperature Controller | Series |
| OMRON Corporation | THERMAC NEO, THERMAC, In-Panel NEO |
| RKC INSTRUMENT INC. | CB, FB400/FB900, HA400/HA900, MA900, MA901, SRV, SRX, SA100, SA200, SR Mini HG (H-PCP-A/B), SR Mini HG (H-PCP-J), REX-F9000, REX-F, REX-D, REX-G9, REX-P300, REX-P250, REX-AD, REX-PG, AE500, LE100, SRZ (Z-TIO), SRZ (Z-DIO), SRZ (Z-CT), SRZ (Z-COM) |
| Yamatake Corporation | SDC10, SDC15, SDC20 / SDC21, SDC25 / SDC26, SDC30 / SDC31, SDC35 / SDC36, SDC40A, SDC40B, SDC40G, SDC45 / SDC46, DMC10, DMC50, DCP31, DCP32, DCP551, DCP552, CMC10B |
| Inverter/Servo | Series |
| Hitachi Industrial Equipment Systems Co., Ltd. | L300P, SJ300, SJ700, SJ700-2, SJH300, HFC-VAH3, X200, SJ200, L200, WJ200 |
| YASKAWA Electric Corporation | Varispeed AC, Varispeed F7, Varispeed F7S, Varispeed G7, Varispeed L7, VS mini J7, VS mini V7/VS-606V7, V1000, J1000, Analog Voltage/Pulse Train Reference Type SERVOPACKs For Rotary Servomotors, Analog Voltage/Pulse Train Reference Type SERVOPACKs For Linear Servomotors |
| Other Devices | Series |
| Digital Electronics Corporation | PC or Micro computer board etc. |
| Modbus-IDA | MODBUS Compatible External Device |

*Some connection types are not supported. For the details, visit our Web site. <http://www.pro-face.com/product/soft/gpproex/driver.html>

⚠ 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.
- 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.
- No responsibility is assumed by Digital for any consequences arising out of the use of this material.

Pro-face India Bangalore Head Office

4th Floor, Electra, Wing 'A', Exora Business Park, Marathahalli, Sarjapur Outer Ring Road, Bangalore - 560 103, Karnataka, INDIA
Sales No.: +91 80 4333 3540 Technical Hot-line No.: +91 80 4333 3541
E-mail: sales.proface@proface.co.in

Pro-face India (Mumbai Office)

Unit # 1141, 1142 Building No.11, 4th Floor, Solitaire Corporate Park, Andheri Kurla Road, Chakala, Andheri(E), Mumbai - 400059, Maharashtra, INDIA
Sales No.: +91 80 4333 3540 Technical Hot-line No.: +91 80 4333 3541

Pro-face India (Delhi Office)

9th Floor, DLF Building No. 10, Tower C, DLF Cyber City, Phase II, Gurgaon - 122002, Haryana, INDIA
Sales No.: +91 80 4333 3540 Technical Hot-line No.: +91 80 4333 3541

Pro-face India (Pune Office)

2nd Floor, R B Business Centre, Above DASS Electronics, Sangvi Nagar, Aundh, Pune- 411 007, Maharashtra, INDIA
Sales No.: +91 80 4333 3540 Technical Hot-line No.: +91 80 4333 3541