

PRO-FACE OPERATOR INTERFACES

product datasheet



GP37W2 & GP37W3 Blue/White Low Cost HMI

5.7" Operator Interface with RS-232/RS-422 Serial Port Connectivity

GP37W2-BG41-24V touch screen operator interface is supported with Pro-face's full-featured GP-PRO 03 HMI development software. HMI unit includes one RS232/RS422 serial communication port for direct connection to PLC's, temperature controllers, inverters, and other various serial devices. A program download tool port that doubles as a bar code reader input port during runtime operation is also included. Interface to your custom controller using GP-Pro 03 scripting language and write your own simple ASCII protocol.

GP37W3-BG41-24V touch screen operator interface includes additional application memory to work specifically with Pro-face's multi-platform Pro-Designer HMI development software. The unit includes one RS232/RS422 serial communication port in addition to the program download tool port that doubles as a bar code reader input port during operation. This unit is ideal for basic graphical HMI applications such as monitoring environmental chambers, tank levels, machine on/off status, part tracking, system event monitoring, heat treating etc.

**GP37W2-BG41-24V
(GP-PRO 03 Compatible)**
**GP37W3-BG41-24V
(Pro-Designer Compatible)**



FEATURES

- 5.7 Inch Touch Screen
- 8-Shade Blue/White LCD
- 320 x 240 Resolution
- UL, cUL, CE Certifications
- RS-232/422 Com. Port Configurable
- Wide-Ranging DC Power
- Bar Code Reader Support
- Multi-Language Support
- NEMA 4x/12 Rated

INFORMATION

Powerful secure data collection and sharing



Easy data transfer by CF card.

Various HMI software solutions available to match your needs:

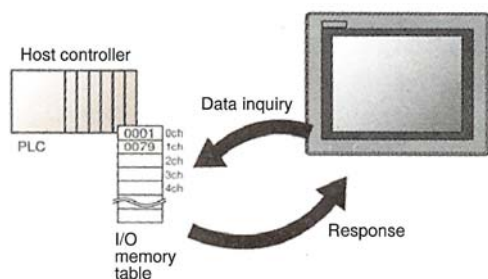
- Advanced featured Graphics Editor for drawing objects, animation, creating pre-configured operator objects, scripting, etc.
- Recipes Trending, Data Logging, Alarm Event/Management, Security, etc.
- Multi-level security password features
- Graphic file import: BMP, JPEG, EMF, PNG
- Time-scheduler for production shift monitoring

SELECTION GUIDE

FEATURE	GP37W2-BG41-24V	GP37W3-BG41-24V
RS-232/RS-422 Com Port 25-pin D-sub	√	√
Bar Code Reader Support	√	√
UL Class 1 Div 2 Approved		√
Multi-Language Support	√	√
GP-Pro 03 Compatible	√	
Pro-Designer Compatible		√
Larger Application Memory		√

CONNECTIVITY: LARGEST SELECTION OF PROTOCOLS AVAILABLE!

Supports over 76 different PLC and motion controller protocols:



GE Fanuc
Series 90-30
Series 90-70
PowerMate (Motion Controller)
Fanuc Series 16, 18, 16i, 18i, 21i

Siemens
Simatic-S5
Simatic-S7-200, 300, 400

Rockwell
SLC500
Control Logix
MicroLogix
Compact Logix

Schneider
Twido
Quantum
Momentum
Micro & Nano
984/884

Mitsubishi
MELSEC-A
MELSEC-FX
MELSEC-Q
MELSEC-QNA

Koyo
DL205, 305, 405

IDEC
Micro
MicroSmart

Yokogawa

Matsushita
Fuji Electric

AND MORE....

GP37W2/W3 SPECIFICATIONS

FUNCTIONAL SPECIFICATIONS

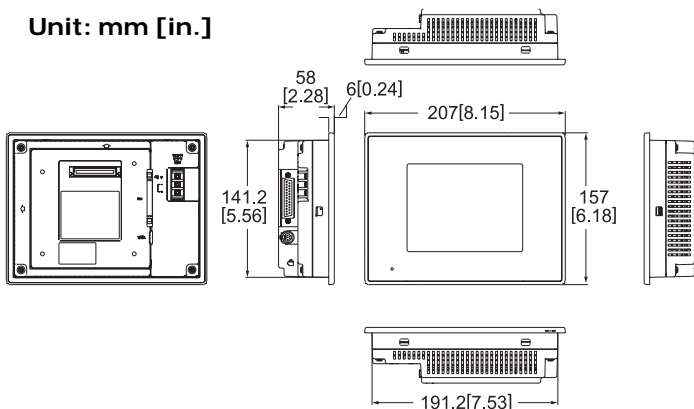
Model		GP37W2-BG41-24V	GP37W3-BG41-24V
Display	Type	Blue-mode LCD (Blue/White)	
	Backlight	CCFL (Service life: 25,000 hrs. at 25 degrees Celcius and 24 hr. operation)	
	Resolution	320 x 240 pixels	
	Effective Display Area	(W)115.2mm [4.53in.] x (H)86.4mm [3.4in.]	
	Brightness Control	8 levels of adjustment available via touch panel	
Memory	Application	1 MB FLASH EPROM	4 MB FLASH EPROM
	Serial Interface	Asynchronous: RS-232C/RS-422, Data length: 7 or 8 bits, Stop bit: 1 or 2 bits, Parity: none, odd or even, Transmission Rate: 2400 to 115.2Kbps	
Interface	Tool Port	8-pin mini Din for programming/bar code reader	

GENERAL SPECIFICATIONS

Electrical	Rated Voltage	24VDC
	Rated Voltage Range	20.4VDC to 27.6VDC
	Power Consumption	20W or less (TYP 10W)
Environmental	Ambient Operating Temp.	0°C to 50°C
	Storage Temperature	-20°C to 60°C
	Storage Humidity	20%RH to 85%RH (non-condensing)
	Vibration Resistance	10Hz to 25Hz (X, Y, Z directions for 30 minutes at 19.6ms ²)
Structural	Ratings	(For front panel of installed unit) Equivalent to IP65f, Nema #250 Type 4x/12
	External Dimensions	W207mm[8.15in.] x H157mm [6.18in.] x D58mm [2.28in.] (main unit only)
	Weight	1.1kg (2.4lb) or less (main unit only)

EXTERNAL DIMENSIONS

Unit: mm [in.]



SOFTWARE COMPATIBILITY



GP-PRO C-Package 03 HMI Development software
(For GP37W2-BG41-24V)



Pro-Designer 4.2.10 HMI Development software
(For GP37W3-BG41-24V)

ORDERING INFORMATION

ORDER NUMBER	DESCRIPTION
GP37W2-BG41-24V	5.7" Blue/white touch screen, 24V DC powered serial HMI
GP37W3-BG41-24V	5.7" Blue/White Pro-Designer ready, 24V DC powered serial HMI

OPTIONAL ACCESSORIES

GPW-CB02	Programming cable: PC RS-232, 9-pin D-sub application download cable
GPW-CB03	Programming cable: PC USB, application download cable
GP070-AT01	Installation Fasteners (included with unit)
GP37W2-DF00	Protective Hard Type Sheet (5 per pack)

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Advertencia de la Proposición 65 de California—Plomo y compuestos de plomo

Avertissement concernant la Proposition 65 de Californie—Plomb et composés de plomb

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