

PRO-FACE OPERATOR INTERFACES

PRODUCT DATASHEET



AGP3302-B1-D24

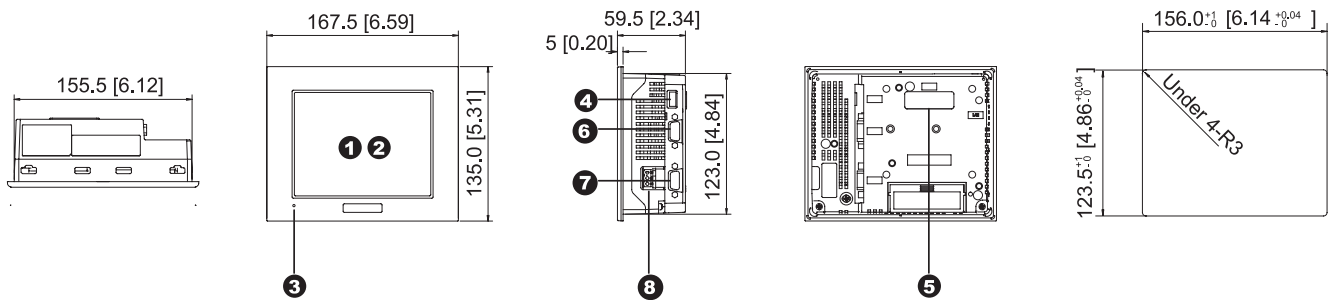


AGP3302 Advanced HMI

5.7" Low Cost USB and Serial Communications Operator Interface with Simultaneous Driver Support

- 16 Shades of Blue and White, Clear, Bright, High-Resolution Monochrome Display
- 64-bit RISC 133Mhz CPU for Fast Screen Refresh and Data Sampling
- No Grid Analog Touch Panel for Improved Visibility and Precise Part Placement
- Supports Up to Two Protocol Drivers Simultaneously
- High Speed Application Transfer, 10 Times Faster than Conventional Operator Interfaces
- 1 USB Port, and Two Serial RS232/RS422 MPI Communication Interfaces
- High-Definition Part Images and Multi-Language Support

PRODUCT OVERVIEW

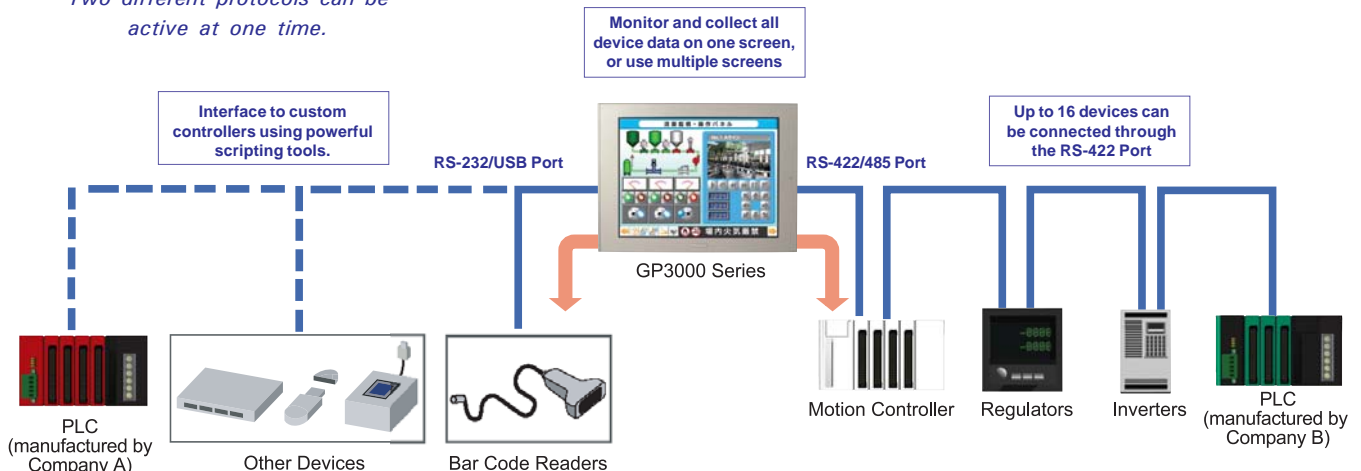


- 1** Display
- 2** Touch Panel
- 3** Status LED
- 4** 1 Port USB 1.1 Type A Interface (Host)
- 5** Optional Communication Feature Interface
- 6** Serial Interface (COM1)
AGP-3300: RS-232C serial interface. D-sub 9-pin plug type connector. Communication method is switched via software.
- 7** Serial Interface (COM2)
AGP-3300: RS-422/RS-485/MPI (187kbps) serial interface. D-sub 9-pin plug type connector.
- 8** Power Plug Connector

COMMUNICATION CAPABILITY

Simultaneous Dual-Protocol Support

Two different protocols can be active at one time.



AGP3302B SPECIFICATIONS

FUNCTIONAL SPECIFICATIONS

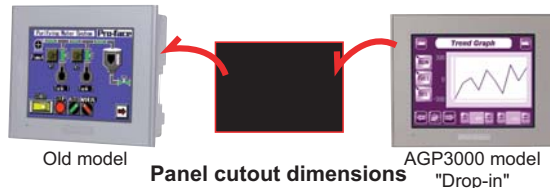
Model		AGP3302-B1-D24
Display	Type	5.7 in. Blue-mode Monochrome LCD
	Colors	Blue and White (16 shades)
	Backlight	CCFL (Service life: 58,000 hrs. at 25°C (77°F) and 24 hr. operation)
	Resolution	320 x 240 pixels
	Brightness Control	8 levels of adjustment available via touch panel
	Contrast Control	8 levels of adjustment available via touch panel
Memory	Touch Panel	Resistive film analog 1024 x 1024 resolution
	Application	6 MB FEPRAM
Interfaces	Data Backup	128 KB SRAM
	Serial (COM 1) Interface	Asynchronous: RS-232C (2400 to 115.2kbps), 9 pin plug D-sub
	Serial (COM 2) Interface	Asynchronous: RS-422 9 pin D-sub plug, Data Transmission Speed: 2400 to 115.2 kbps (MPI Direct 187.5 kbps)
	USB Interface	1 port USB 1.1 Host I/F, USB Type-A connector

GENERAL SPECIFICATIONS

Electrical	Rated Voltage	24VDC
	Rated Voltage Range	19.2V DC to 28.8V DC
	Power Consumption	18W or less
Environmental	Ambient Operating Temp.	0°C (32°F) to 50°C (122°F)
	Storage Temperature	-20°C (-4°F) to 60°C (140°F)
	Storage Humidity	10%RH to 90%RH (non-condensing, wet bulb temperature: 39°C (102°F) or less)
	Altitude Operation	800hPa to 1114hPa (2000 meters or lower)
Structural	Vibration & Shock Resistance	5Hz to 9Hz single amplitude 3.5mm, 9Hz to 150Hz fixed acceleration 9.8m/s ² , X, Y, Z directions for 10)
	Ratings	Equivalent to IP65f, Nema #250 Type 4x/13 (Equivalent to NEMA 12 with the addition of "Oil or Coolant Spraying and Splashing")
	Certifications	CE, CSA, UL Listed CI 1 Div 2
	External Dimensions	W167.4mm[6.59in.] x H135mm [5.31in.] x D59.5mm [2.34in.]
	Weight	1.0kg (2.2lb) or less

CUT-OUT COMPATIBILITY

16 Years of Cut-Out Compatibility



Old model

Panel cutout dimensions

AGP3000 model
"Drop-in"

Series	Size (mm)
GP77R Series	156x123.5
GP377R Series	
GP2000 Series	GP2300/ GP2301 Series
GP3000 Series	GP-3300 Series

**Investment
Protection**

SOFTWARE COMPATIBILITY



POWERED BY:

Screen Editor
GP-Pro EX

**HMI Development
Software**

ORDERING INFORMATION

ORDER NUMBER
AGP3302-B1-D24

DESCRIPTION
5.7" Blue/white LCD, USB, Serial HMI, 24VDC

OPTIONAL ACCESSORIES

CA3-USBCB-01
CA3-DFS6-01
PLC Cables & Accessories

USB download cable, PC USB port to AGP USB port
Overlay Screen protection sheet (5 sheets/pack)
See AGP3000 Connectivity Document

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