

# PRO-FACE OPERATOR INTERFACES

## PRODUCT DATASHEET



AGP3302-B1-D24

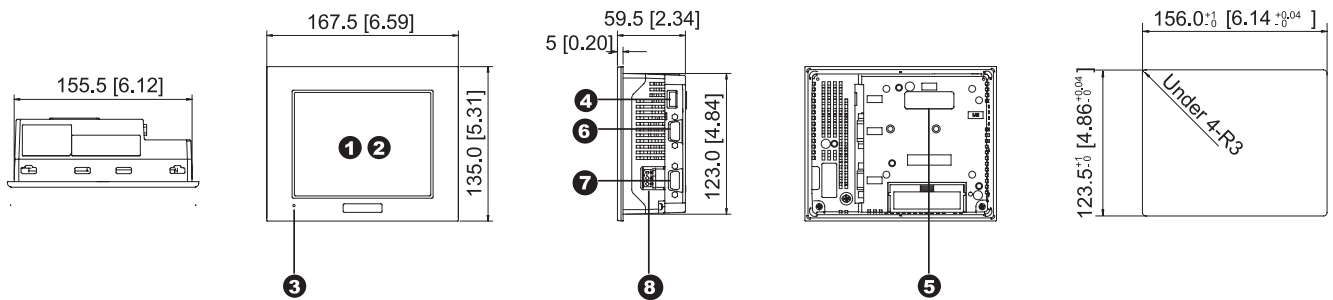


### AGP3302 Advanced HMI

**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

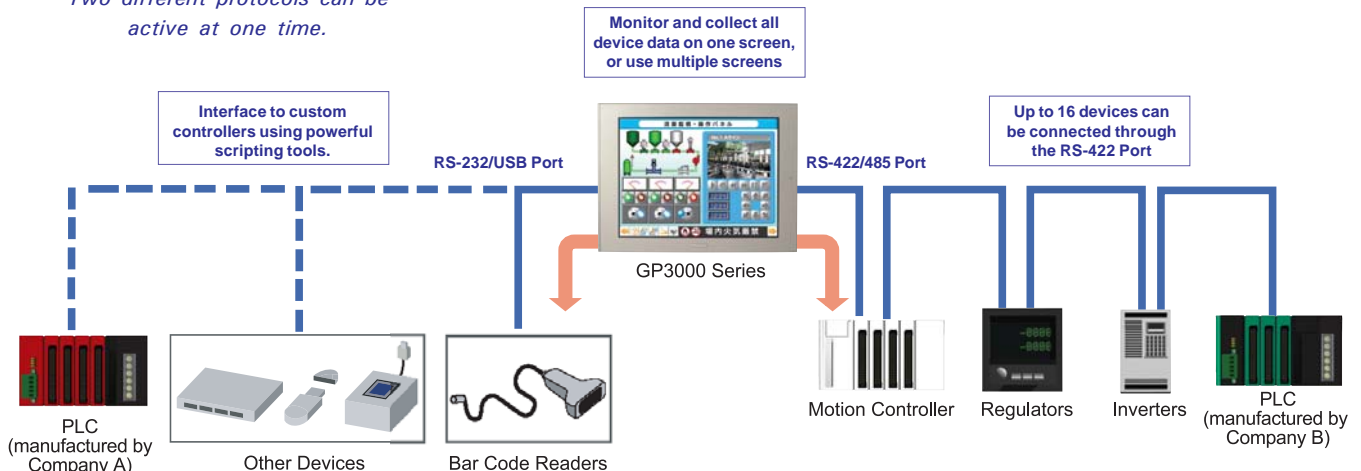


- 1** Display
- 2** Touch Panel
- 3** Status LED
- 4** 1 Port USB 1.1 Type A Interface (Host)
- 5** Optional Communication Feature Interface
- 6** Serial Interface (COM1)  
AGP-3300: RS-232C serial interface. D-sub 9-pin plug type connector. Communication method is switched via software.
- 7** Serial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

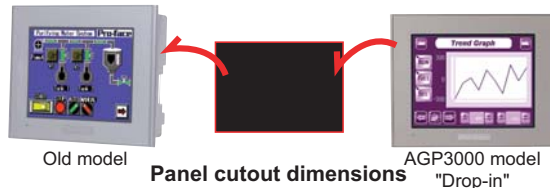
Model		AGP3302-B1-D24
Display	Type	5.7 in. Blue-mode Monochrome LCD
	Colors	Blue and White (16 shades)
	Backlight	CCFL (Service life: 58,000 hrs. at 25°C (77°F) and 24 hr. operation)
	Resolution	320 x 240 pixels
	Brightness Control	8 levels of adjustment available via touch panel
	Contrast Control	8 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 <sup>2</sup> , 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



Panel cutout dimensions

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

**Xycom Automation**  
Ph: 734-429-4971  
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<http://www.xycom.com>

**Customer Support Hotline:**  
**734-944-0482**



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