

PRO-FACE OPERATOR INTERFACES

PRODUCT DATASHEET



AGP3300-T1-D24-FN1M

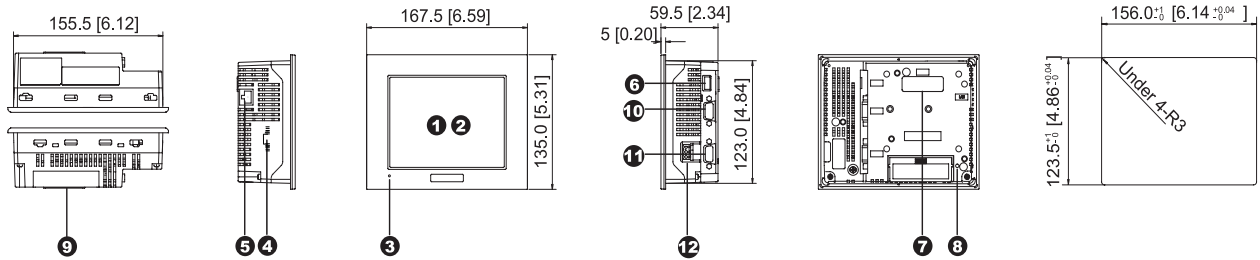


AGP3300T FN1M Integrated HMI Controller

5.7" Integrated Control Operator Interface with Dual Channel Flex Network Port

- 65,536 Colors TFT, Clear, Bright, High-Resolution TFT Display
- 64-bit RISC 133Mhz CPU for Ultra-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
- 10/100 Base-T Ethernet, USB, Serial (MPI) and CompactFlash™ Communication Interfaces
- High-Definition Part Images and Multi-Language Support

PRODUCT OVERVIEW

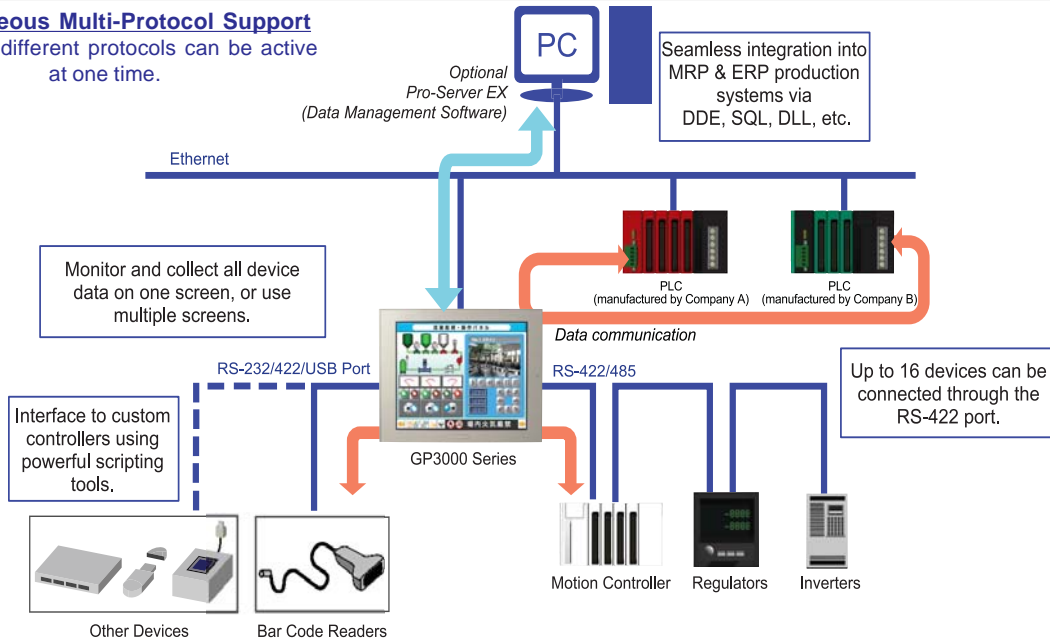


AGP-3300T(AC type) unit shown.

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> 1 Display 2 Touch Panel 3 Status LED 4 FLEX NETWORK Interface
2 ch. Flex Network interface for use with FN-xxx distributed I/O modules. 5 10/100 Base-T Ethernet Interface (LAN) (RJ45) | <ul style="list-style-type: none"> 6 USB 1.1 Type A Interface (Host)
One Port for download, bar-code, printer or other USB device 7 Optional Communication Module Interface 2 8 CF Card Access LED 9 CompactFlash™ Card Access Cover
(CF cards up to 512MB available) | <ul style="list-style-type: none"> 10 Serial Interface (COM1)
RS-232C/RS-422 serial interface. D-sub 9-pin plug type connector. Communication method is switched via software. 11 Serial Interface (COM2)
RS-422/RS-485 MPI (187kbps) serial interface. D-sub 9-pin socket type connector. 12 Power Plug Connector |
|--|---|--|

COMMUNICATION CAPABILITY

Simultaneous Multi-Protocol Support
Up to four different protocols can be active at one time.



AGP3300T FN1M CONTINUED

INTEGRATED MONITOR CONTROL

ONLINE LOGIC PROGRAM MONITORING FEATURE

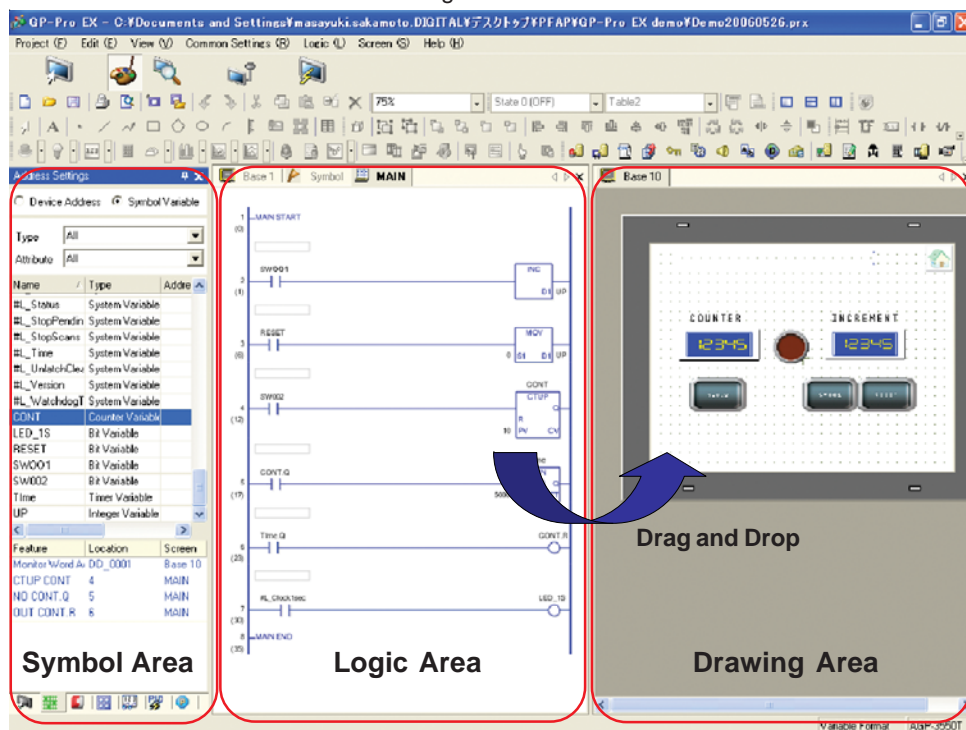


Detect Problems Faster

- View logic Programming on HMI while running. "No need for a laptop!"
- Verify current values of all variables live
- Quickly identify sequential logic faults
- Helps optimize Programming & Processes
- View logic in English or Japanese

POWERFUL LOGIC PROGRAMMING

With GP-Pro EX, you can develop logic programs as well as screen creation. You can also import existing logic programs created with the GP-PRO/PBIII C-Package.



Symbol Area

Logic Area

Drawing Area

Time Saving Steps

Drag and Drop

Drag contact or coil to quickly create a graphical switch or lamp.

Re-usable sub-routines

Reduce steps for product programming development and maintenance using sub-routines.

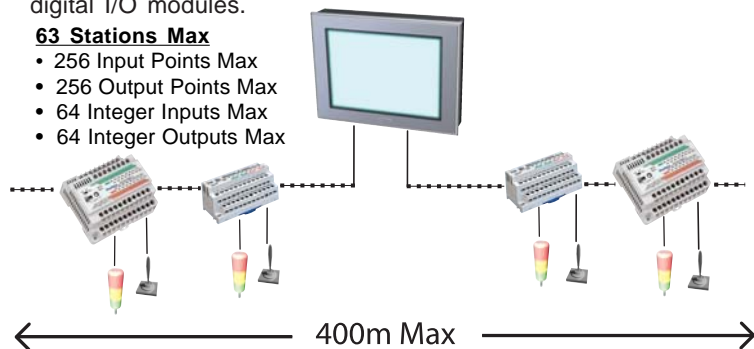


DISTRIBUTED I/O MODULES

Features include: timers, counters, logical operations, mathematical, bit operation, etc. Mix and match any combination of analog and digital I/O modules.

63 Stations Max

- 256 Input Points Max
- 256 Output Points Max
- 64 Integer Inputs Max
- 64 Integer Outputs Max



FLEX NETWORK MODULES

Monitor & Control

- For distributed I/O applications.
- Supports the Flex Network Analog and Discrete I/O Modules.



AGP3300T FN1M SPECIFICATIONS

FUNCTIONAL SPECIFICATIONS

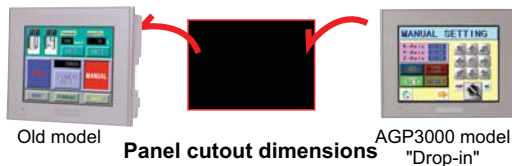
Model		AGP3300-T1-D24-FN1M
Display	Type	TFT Color LCD
	Colors	65536 colors (no blink) / 16384 colors (3-speed blink)
	Backlight	CCFL Service life: 50,000 hrs. or more at 25°C (77°F) and 24 hrs. operation
	Resolution	320 x 240 pixels
	Brightness Control	8 levels of adjustment available via touch panel
Memory	Application	6 MB FEPRAM
	Data Backup	320KB SRAM
Interfaces	Serial (COM 1) Interface	RS-232C/422/485 configurable, 9 pin plug D-sub, Data Transmission Speed: 2400 to 115.2 kbps
	Serial (COM 2) Interface	RS-422/485, 9 pin socket D-sub, Data Transmission Speed: 2400 to 115.2 kbps (MPI Direct 187.5 kbps)
	Ethernet Interface	Ethernet IEEE802.3, 10BASE-T/100BASE-TX, modular jack connector (RJ-45)
	USB Interface	1 port USB1.1 Host I/F, USB TYPE-A connector
	Flex Network Interface	Connect to Flex Network distributed I/O modules: 2 channel, 200m per channel. Speed: 6Mbps, 12Mbps. Bit variable Input/Output: 512pts max. Integer Variable Input/Output: 128 pts max.
	CF Card Interface	1 slot CompactFlash™, TYPE II

GENERAL SPECIFICATIONS

Electrical	Rated Voltage	24VDC
	Rated Voltage Range	19.2V DC to 28.8V DC
	Power Consumption	26W 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	IEC61131-2 compliant. 5Hz to 9Hz single amplitude 3.5mm, 9Hz to 150Hz fixed acceleration 9.8m/s ² , X,Y, Z directions for 10 times (80min.)
	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 mm
GP2000 Series	GP377R Series
GP3000 Series	GP2300/ GP2301 Series
	GP-3300 Series

Investment Protection

SOFTWARE COMPATIBILITY



POWERED BY:

Screen Editor
GP-Pro EX

HMI Development Software

ORDERING INFORMATION

ORDER NUMBER	DESCRIPTION
AGP3300-T1-D24-FN1M	5.7" TFT, 2 Serial, 1 USB, Ethernet, Flex Network, 24V

OPTIONAL ACCESSORIES

HMI-CAB-ETH	Ethernet Crossover Cable: HMI to PLC Ethernet port or to program HMI
CA3-USBCB-01	USB download cable, PC USB port to AGP USB port
CA3-DFS6-01	Overlay Screen protection sheets (5 sheets/pack)
PLC Cables & Accessories	See AGP3000 Connectivity Document

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