



12.1" Multi-Port Operator Interface



**TouchPanel
Operation**



12.1-inch TFT Color
Multi-port Operator Interface

AC / DC 24V






VGA/SVGA

12.1"

Model: AGP3600-T1-D24, AGP3600T-T1-AF

VM Unit
CF Card
Ethernet

Powered by

Features:

- Bright, energy efficient LED backlit, 65,536 color TFT Display
- 64-bit RISC 266Mhz CPU for Ultra Fast Screen Refresh and Data Sampling
- No Grid Analog Touch Panel for Improved Visibility and Precise Part Placement
- Supports Up to Four Protocol Drivers Simultaneously
- High Speed Application Transfer, 10 Times Faster than Conventional Operator Interfaces
- 100 Base-T Ethernet, USB, Serial (MPI) and CompactFlash™ Communication Interfaces
- Audio Output, Alarm, Buzzer Remote Reset Interfaces
- Video Camera Support using Optional GP3000-VM01 Video Mix Module

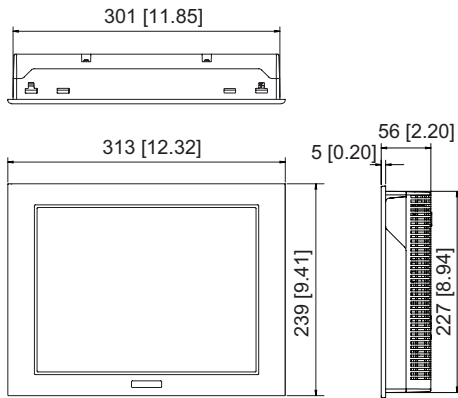
Specifications

Model	AGP3600-T1-AF	AGP3600-T1-D24
Graphics Display Resolution	800 x 600 pixels	
Display Type and Size	TFT Color LCD (10.4 inch)	
Display Colors	65,536 Colors	
Display Area	248.0mm[9.76in.] x 186.5mm[7.34in.]	
Touch Screen	Resistive film analog 1024 x 1024 resolution	
USB	2 ports USB1.1, USB TYPE-A connector	
CF Card	1 slot CompactFlash™, TYPE II	
Serial	COM 1: RS-232C/422/485 configurable, 9 pin D-sub plug, Data Transmission Speed: 2400 to 115.2 kbps COM 2: RS-422/485, 9 pin D-sub socket, Data Transmission Speed: 2400 to 115.2 kbps (MPI Direct 187.5 kbps)	
Ethernet	Ethernet IEEE802.3, 10BASE-T/100BASE-TX, modular jack connector (RJ-45)	
Backlight	LED Backlit (Rev. 5 and newer, not user replaceable), CCFL (Rev. 4 and older, user replaceable) Service life: 54,000 hrs. or more at 25°C (77°F) and 24 hrs. operation)	
Brightness and Contrast Controls	8 levels of adjustment available via touch panel	
Programming Memory	8MB FEPRAM (< Rev 4), 16MB (Rev 4 and up, using GP-Pro EX V2.6 or later)	
Backup Memory	320kb SRAM with battery backup	
AUX Input/Output	AUX Discrete Output: Alarm Output, RUN Output, Buzzer Output, Rated: DC24V @ 50mA AUX Discrete Input: Remote Reset Input, Rated: DC24V @ 6mA Operating Voltage: ON State: DC9V or greater, OFF State: DC2.5V or less	
Sound Output	Speaker output 70mW (Rated Load: 8ohm, Frequency: 1kHz)	

General Specifications

Input Voltage	100V AC to 240V AC	DC24V (Rated voltage DC19.2 to 28.8V)
Power Consumption	Rev. 5 and newer: 100V AC 0.9A or less (typical 0.40A), 240V AC 0.45A or less (typical 0.23A) Rev. 4 and older: 100V AC 0.9A or less (typical 0.58A), 240V AC 0.45A or less (typical 0.26A)	Rev. 5 and newer: DC24V 2.08A or less (typical 1.0A) Rev. 4 and older: DC24V 2.08A or less (typical 1.3A)
Ambient Operating Temp.	0°C (32°F) to 50°C (122°F)	
Storage Temperature	-20°C (-4°F) to 60°C (140°F)	
Altitude Endurance	800hPa to 1114hPa (2000 meters or lower)	
Certifications	CE, CSA, UL Listed Cl 1 Div 2, RoHS, ATEX	
Humidity - Ambient/Storage	10%RH to 90%RH (non-condensing, wet bulb temperature: 39°C (102°F) or less)	
Noise Immunity	Noise Voltage: 1500Vp-p Pulse Duration: 1µs Arise Time: 1ns	
Cooling Method	Natural air circulation	
Electrostatic Discharge Immunity	6kV (complies with EN 61000-4-2 Level 3)	
Vibration 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 (100min.)	
Shock during operation	EN/IEC 60068-2-2 compliant, 147m/Sec, 11msec (Approx. 15G), 3 shocks to 3 direction/ axis	
Rating	Equivalent to IP65f, Nema #250 Type 4x/13 (Equivalent to NEMA 12 with the addition of "Oil or Spraying and Splashing")	
Weight	3.0kg [6.6lb] or less	
External Dimensions	W313mm[12.31in.] x H239mm[9.41in.] x D56mm[2.20in.]	
Warranty	Two-year standard (maximum 4 years)	

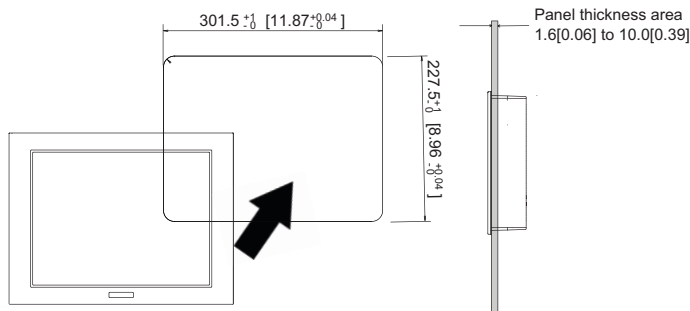
AGP3600T - External Dimensions



AGP-3600T(AC type) unit shown.

AGP3600T - Cut-Out Dimensions

Unit: mm [in.]



Ordering Information

Part Number	Description
AGP3600-T1-AF	12.1" TFT, USB, Ethernet, Serial HMI, 100VAC to 240VAC
AGP3600-T1-D24	12.1" TFT, USB, Ethernet, Serial HMI, 24VDC

Optional Items

Part Number	Product Name
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
CA5-DFS10-01	Screen Protection Sheet (5 sheets/set)
GP-Pro EX (EX-ED-Vx)	Screen and Logic Development Software
PLC Cables & Accessories	See AGP3000 Connectivity Document

Caution: Before operating any of these products, please be sure to read all related manuals thoroughly.

- All product names used in this document are trademarks or registered trademarks of their respective companies.
- All information contained in this document is subject to change without notice.

Cut-Out Compatibility



Old model

Panel cutout dimensions

AGP3000 model

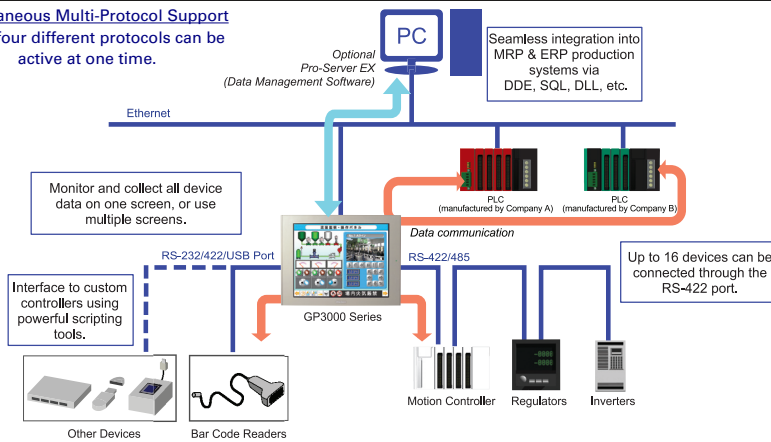
Investment Protection

Series name	Size	301.5x227.5
GP77R Series	GP577R Series	
GP2000 Series	GP2600/01 Series GP2500/01 Series	
GP3000 Series	GP-3600 Series GP-3500(STN) Series	

Drop-in replacement for GP2600, GP2500, and GP577R units

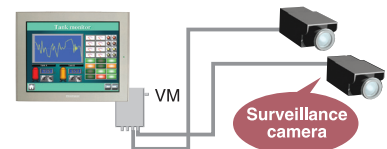
Simultaneous Multi-Protocol Support

Up to four different protocols can be active at one time.



Remote Video Monitoring

Add up to four additional cameras using optional GP3000-VM01 Video Mix Unit



Video images provide virtual on-site monitoring of line conditions.

Applications

- Inline Process Monitoring
- Machine Safety
- Security

Pro-face America

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DS-AGP3600T(C)

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For more information

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