

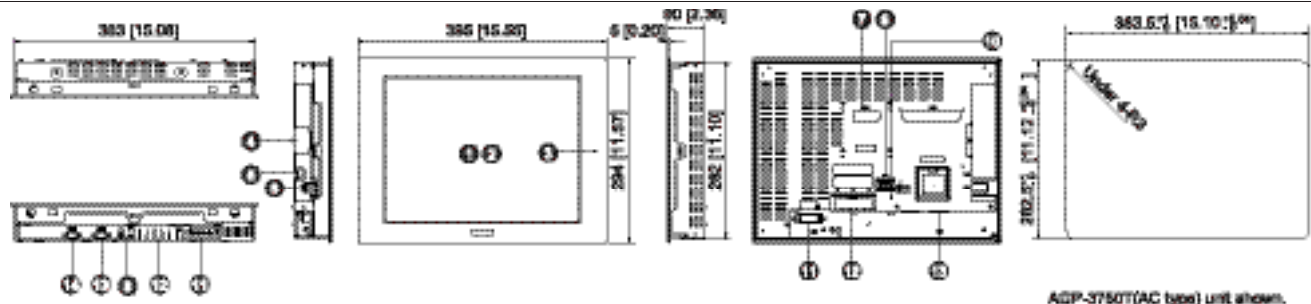


**AGP3750-T1-AF**  
**AGP3750-T1-D24**  
**CE** **UL** **UL**

# AGP3750T Advanced Multi-Media HMI

## 15" Multi-Port, Multi-Media Operator Interface Touch

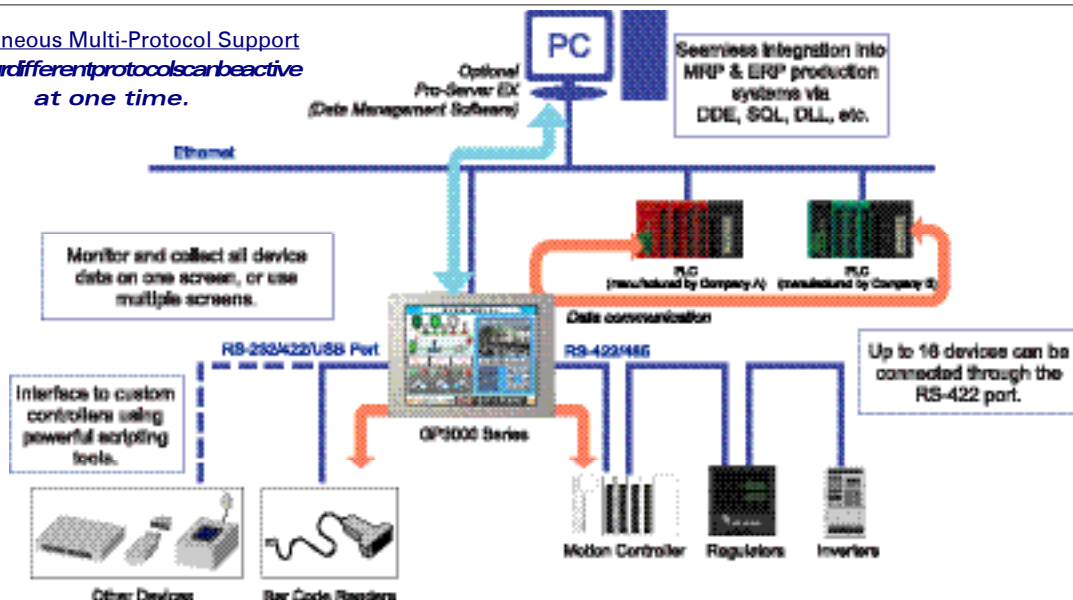
- 65,536 Colors XGA, Clear, Bright, High-Resolution TFT Display
- 64-bit RISC 266Mhz CPU for Ultra Fast Screen Refresh and Data Sampling
- No Grid Analog Touch Panel for Improved Visibility and Precise Part Placement
- Supports Up to Four Protocol Drivers Simultaneously
- High Speed Application Transfer, 10 Times Faster than Conventional Operator Interfaces
- 10/100 Base-T Ethernet, USB, Serial (MPI) and CompactFlash™ Communication Interfaces
- Includes Alarm, Buzzer Output, Remote Reset Input
- Direct Video and Audio Input Ports, plus Audio Output



AGP-3750T(AC type) unit shown.

- |  |   |   |
|--|---|---|
| <ul style="list-style-type: none"> <li>① Display</li> <li>② Touch Panel</li> <li>③ Status LED</li> <li>④ Expansion Communication Feature Interface 1</li> <li>⑤ 10/100 Base-T Ethernet interface (LAN) (RJ45)</li> <li>⑥ USB Interface (Host)<br/>Conforms to USB1.1. (TYPE-A conn.) 2 ports for data transfer cable, USB-compatible printer, or barcode reader, etc. The maximum communication distance is 5m.</li> </ul> | <ul style="list-style-type: none"> <li>⑦ Optional Communication Module Interface 2</li> <li>⑧ Audio/Video Input<br/>Microphone or camera interface.</li> <li>⑨ Discrete Input/output and Audio Output Interface<br/>Pluggable connector for External Reset, Alarm Output, Buzzer Output, and sound output.</li> <li>⑩ CompactFlash Card Access LED<br/>This lamp will light when CF card is inserted and CF card cover is closed, or while accessing the CF card when the cover is opened.</li> </ul> | <ul style="list-style-type: none"> <li>⑪ Power Input Terminal Block<br/>Connect the power cable.</li> <li>⑫ CompactFlash Access Cover<br/>The CF Card LF and Dip Switches are located behind the access door. This cover must be closed when reading and writing to the CF Card.</li> <li>⑬ Serial Interface (COM1)<br/>RS-232C/RS-422 serial interface. D-sub 9-pin plug type connector. Communication method is switched via software.</li> <li>⑭ Serial Interface (COM2)<br/>RS-422/RS-485 (MPI 1875bps) serial interface. D-sub 9-pin socket type connector.</li> </ul> |
|--|---|---|

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



**FUNCTIONAL SPECIFICATIONS**

Model		<b>AGP3750-T1-AF</b>	<b>AGP3750-T1-D24</b>
Display	Type	TFT Color XGA LCD	
	Colors	65536 colors (no blink) / 16384 colors (3-speed blink)	
	Backlight	User replaceable CCFL (Service life: 50,000 hrs. or more at 25°C (77°F) and 24 hrs. operation)	
	Resolution	1024 x 768 pixels	
	Brightness Control	8 levels of adjustment available via touch panel	
Memory	Touch Panel	Resistive film analog 1024 x 1024 resolution	
	Application	8MB EEPROM	
Memory	Data Backup	320KB SRAM	
	Serial (COM 1) Interface	RS-232C/422/485 configurable, 9 pin D-sub plug, Data Transmission Speed: 2400 to 115.2 kbps	
Interfaces	Serial (COM 2) Interface	RS-422/485, 9 pin D-sub socket, Data Transmission Speed: 2400 to 115.2 kbps (MPI 187.5 kbps)	
	Ethernet Interface	Ethernet IEEE802.3, 10BASE-T/100BASE-TX, modular jack connector (RJ-45)	
	Communication Module Interface	For optional field networking communication modules	
	USB Interface	2 ports USB1.1, Host I/F, USB TYPE-A connector	
	CF Card Interface	1 slot CompactFlash™, TYPE II	
	Sound Output	Speaker output 70mW (Rated Load: 8ohm, Frequency: 1kHz)	
	Video Input Interface	NTSC: 59.9Hz PAL: 50Hz Connector: RCA: 75Ω	
	Sound Input Interface	MIC Input/LINE Input (Change with S/W) Connector: MINI-JACK φ3.5mm	
	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	

**GENERAL SPECIFICATIONS**

Electrical	Rated Voltage	100V AC to 240V AC	24V DC
	Rated Voltage Range	85V AC to 265V AC	—
	Power Consumption	100V AC 1.1A or less, 240V AC 0.7A 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)	
	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)	
	Vibration & Shock Resistance	IEC61131-2 compliant. 5Hz to 9Hz single amplitude 3.5mm, 9Hz to 150Hz fixed acceleration 9.8m/s <sup>2</sup> , X,Y, Z directions for 10 times (100min.)	
Structural	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, cUL, UL Recognized CL 1 Div 2	
	External Dimensions	W395mm [15.55in.] x H294mm [11.57in.] x D60mm [2.36in.]	
	Weight	5.6kg (12.3lb) or less	



**POWERED BY:**

Screen Editor  
**GP-Pro EX**

**HMI Development  
Software (v.1.10/higher)**

**ORDER NUMBER**

AGP3750-T1-AF

AGP3750-T1-D24

**OPTIONAL ACCESSORIES**

HMI-CAB-ETH

CA3-USBCB-01

CA3-DFS15-01

*PLC Cables & Accessories*

**DESCRIPTION**

15" TFT Color LCD, USB, Ethernet, Serial HMI, Multimedia, AC powered

15" TFT Color LCD, USB, Ethernet, Serial HMI, Multimedia, DC powered

Ethernet Crossover Cable: HMI to PLC Ethernet port or to program HMI

USB download cable, PC USB port to AGP USB port

Overlay Screen Protection Sheets (5 sheets/pack)

*See AGP3000 Connectivity Document*

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**http://www.profaceamerica.com**

**Customer Support Hotline:**

**734-289-9266**



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

**⚠ WARNING:** This product can expose you to chemicals including lead and lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**⚠ ADVERTENCIA:** Este producto puede exponerle a químicos incluyendo plomo y compuestos de plomo, que es (son) conocido(s) por el Estado de California como causante(s) de cáncer y defectos de nacimiento u otros daños reproductivos. Para mayor información, visite : [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**⚠ AVERTISSEMENT:** Ce produit peut vous exposer à des agents chimiques, y compris plomb et composés de plomb, identifiés par l'État de Californie comme pouvant causer le cancer et des malformations congénitales ou autres troubles de l'appareil reproducteur. Pour de plus amples informations, prière de consulter: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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