



GP2500T - TFT Color

10.4" Operator Interface with Ethernet, video and industrial network connectivity support

The GP2500T is a full featured operator interface touch screen. This unit supports the optional 4 channel video module providing on-site machine monitoring and surveillance. Combined with bar code reader support, audio output and printer output for report generation, the GP2500T is an ideal data collection and process monitoring HMI.

The GP2000 family offers one of the largest selections of on HMI protocol connectivity available. In addition to Ethernet and serial communication protocols supported, various optional industrial network interfaces are also available. Add-in powerful data collection software and web-enabled features, the GP2000 family of operator interface touch screens, offers best-in-class HMI performance.

GP2500-TC11



GP2500-TC41-24V



FEATURES

- 10.4 inch touch screen
- TFT 256 Color LCD
- 640 x 480 pixels
- Ethernet Port
- CompactFlash™ Port
- RS-232/422 Com Ports
- Video Input and Sound Output support
- System alarm output
- Optional Communication Module Interface

INFORMATION

Powerful secure data collection and sharing



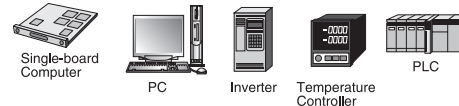
Various HMI software solutions available to match your needs:

- Advanced featured Graphics Editor for drawing objects, animation, creating pre-configured operator objects, scripting, etc.
- Recipes Trending, Data Logging, Alarm/Event Management, Security, etc.
- Software application connectivity via OPC, DDE, SQL, etc.
- Data exchange via Ethernet, Internet, or CompactFlash™
- Web-enabled browser features

COMMUNICATION

Versatile interfaces support flexible and expanding control system needs

- **SIO 1ch (COM1)** To connect various controllers

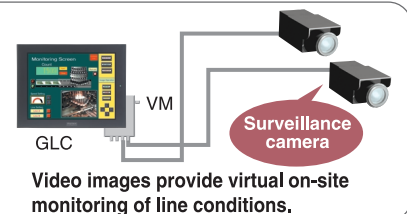


- **SIO 2ch (COM2)**

Serial devices, such as single or two-dimensional bar code readers

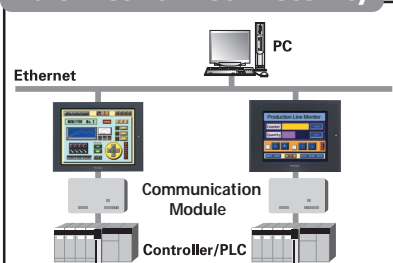


Optional Video Mix Unit: add up to 4 cameras for remote monitoring.

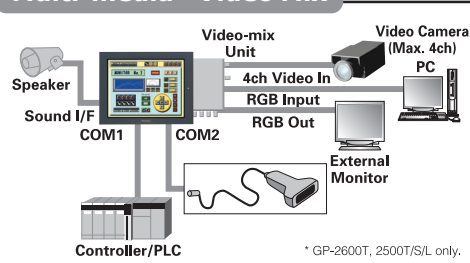


CONNECTIVITY

Multi-network Connectivity

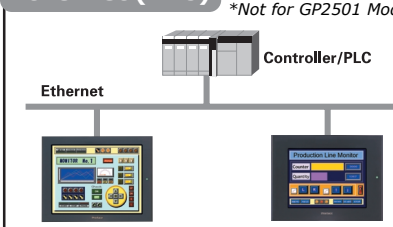


Multi-media - Video Mix

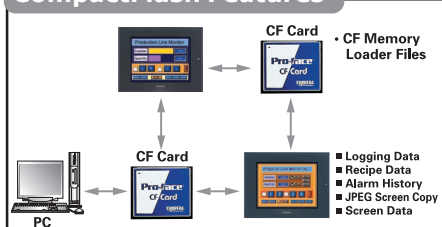


Ethernet (PLC)

*Not for GP2501 Model



CompactFlash Features



Popular Protocols

- Profibus
- Modbus Plus
- Interbus S
- Data Highway Plus
- CanOpen
- Remote I/O
- DeviceNet
- Modbus RTU
- DH485

... and MORE

GP2500T SPECIFICATIONS

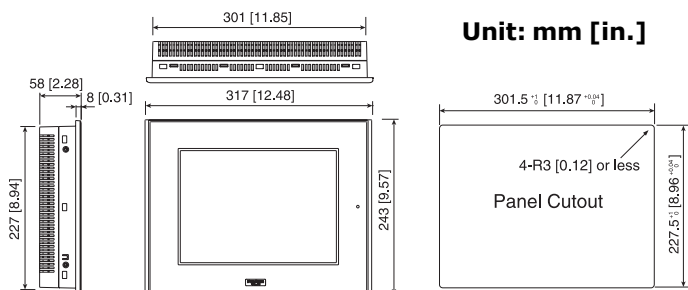
FUNCTIONAL SPECIFICATIONS

Model	GP2500-TC11	GP2500-TC41-24V
Display	Type	TFT Color LCD
	Colors	256 colors, No blink/64 colors, 3-speed blink (Color switching is done via software)
	Backlight	User replaceable CCFL (Service life: 50,000 hrs. or more at 25°C and 24 hrs. operation)
	Resolution	640 x 480 pixels
	Effective Display Area (mm)	(W)211.2mm [8.34in.] x (H)158.4mm [6.24in.]
Memory	Brightness Control	4 levels of adjustment available via touch panel
	Application	4 MB FLASH FEPRM
Interfaces	Data Backup	256KB SRAM - uses a lithium battery
	Serial (COM 1) Interface	RS-232C/RS-422 configurable, 25 pin D-sub, Data Transmission Speed: 2400 to 115.2 kbps
	Expansion Serial (COM 2) Interface	RS-232C, 9 pin D-sub, Data Transmission Speed: 2400 to 38.4 kbps
	Network Interface	Ethernet IEEE802.3, 10BASE-T
	Tool Connector Port	8-pin mini Din for programming/bar code reader
	CF Card Interface	1 slot (CompactFlash™)
	Expansion Interface	Yes - for optional communication modules

GENERAL SPECIFICATIONS

Electrical	Rated Voltage	100VAC	24VDC
	Rated Voltage Range	85VAC to 132VAC	19.2VDC to 28.8VDC
	Power Consumption	50VA or less (AC IN 100V)	50W or less
Environmental	Ambient Operating Temp.	0°C to 50°C	
	Storage Temperature	-20°C to 60°C	
	Storage Humidity	10 to 90%RH (non-condensing, wetbulb temperature: 39°C or less)	
	Vibration Resistance	IEC61131-2 compliant. When vibration is NOT continuous: 10Hz to 57Hz 0.075mm, 57Hz to 50Hz 9.8m/s ² . When vibration is continuous: 10Hz to 57Hz 0.035mm, 57Hz to 150Hz 4.9m/s ² X,Y, Z direction for 10 times (80min.)	
Structural	Ratings (For front panel of installed unit)	Equivalent to IP65f	Equivalent to IP65f, Nema #250 Type 4x/12
	Certifications	EN55022 Class A, EN50082-2, UL60950, UL1604, UL Class 1, Div 2	
	External Dimensions	W317mm[12.48in.] x H243mm [9.57in.] x D58mm [2.28in.] (main unit only)	
	Weight	3.5kg (7.72lb) or less (main unit only)	

EXTERNAL DIMENSIONS



OPTIONAL COMM. MODULES

CA3-MBPALL-41	Modbus Plus interface module
CA1-PFSALL-21	Profibus DP Slave interface module
CA1-DNSALL-21	DeviceNet Slave Interface module
CA1-COSALL-21	CANopen Slave Interface module
QPI-ABD-201*	AB Data Highway Plus interface module
QPI-ABR-201*	AB 1771 Remote I/O interface module
*PSL-CONV00	Required adapter when using QPI communication modules

ORDERING INFORMATION

ORDER NUMBER	DESCRIPTION
GP2500-TC41-24V	10.4" Color TFT, Ethernet, 24V DC powered, touch screen HMI
GP2500-TC11	10.4" Color TFT, Ethernet, Universal AC powered, touch screen HMI

OPTIONAL ACCESSORIES

PSL-DF00	Screen protection sheets qty 5
GP577RT-BL00-MS	Backlight replacement
GPW-CB02	Data transfer cable, GP to PC 9-pin, RS232 D-sub
GPW-CB03	Data transfer cable, GP to PC USB port

Xycom Automation, Inc.
a Pro-face America Company
734-429-4971

Fax: 734-429-1010
<http://www.xycom.com>

Customer Support Hotline:
734-944-0482



© 2005 Xycom Automation, Inc. Is a wholly owned subsidiary of Pro-face America, Inc. Specifications may change without notice. Xycom Automation is a trademark of Xycom Automation. Other brand or product names are the property of their respective owners.



California Proposition 65 Warning—Lead and Lead Compounds

Advertencia de la Proposición 65 de California—Plomo y compuestos de plomo

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.

⚠ 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.

⚠ 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.

All trademarks are the property of Schneider Electric SE, its subsidiaries, and affiliated companies.

Schneider Electric USA, Inc.
800 Federal Street
Andover, MA 01810 USA
888-778-2733
www.schneider-electric.us

Todas las marcas comerciales son propiedad de Schneider Electric SE, sus filiales y compañías afiliadas.

Importado en México por:
Schneider Electric México, S.A. de C.V.
Av. Ejercito Nacional No. 904
Col. Palmas, Polanco 11560 México, D.F.
55-5804-5000
www.schneider-electric.com.mx

Toutes les marques commerciales sont la propriété de Schneider Electric SE, ses filiales et compagnies affiliées.

Schneider Electric Canada, Inc.
5985 McLaughlin Road
Mississauga, ON L5R 1B8 Canada
800-565-6699
www.schneider-electric.ca