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Find the *Pro-Face / Xycom GP2501-TC11* at our website: *Click HERE*



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



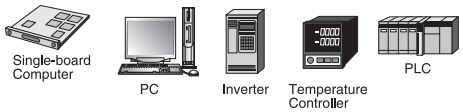
Various HMI software solutions available to match your needs:

- 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

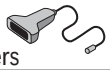
COMMUNICATION

Versatile interfaces support flexible and expanding control system needs

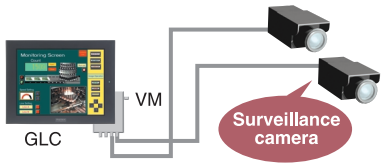
SIO 1ch (COM1) To connect various controllers



SIO 2ch (COM2)
Serial devices, such as single or two-dimensional bar code readers



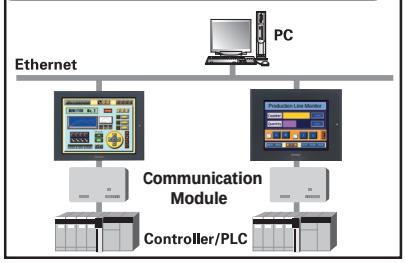
Optional Video Mix Unit: add up to 4 cameras for remote monitoring.



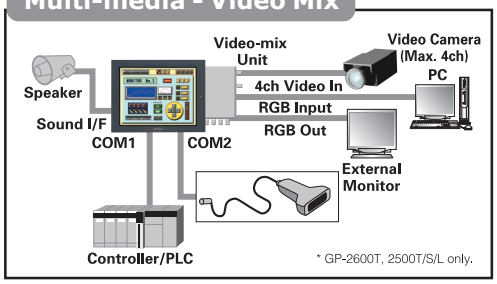
Video images provide virtual on-site monitoring of line conditions.

CONNECTIVITY

Multi-network Connectivity

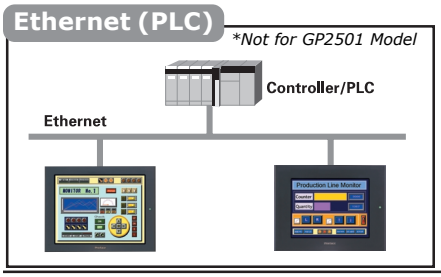


Multi-media - Video Mix

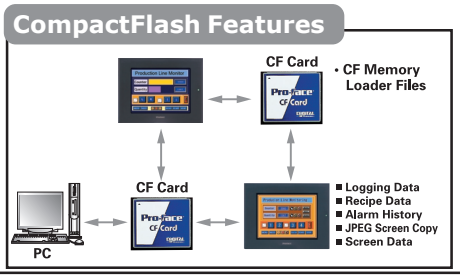


Ethernet (PLC)

*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

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GP2500T SPECIFICATIONS

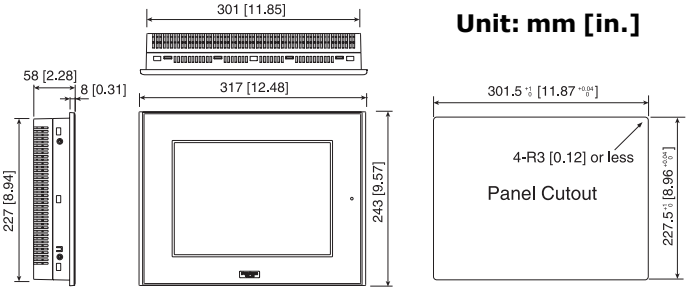
FUNCTIONAL SPECIFICATIONS

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.]	
	Brightness Control	4 levels of adjustment available via touch panel	
Memory	Application	4 MB FLASH FEPROM	
	Data Backup	256KB SRAM - uses a lithium battery	
Interfaces	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



Unit: mm [in.]

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

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