Pro-face Graphic Operator Interfaces

XYCOM™
a PRO-FACE America Company

GP2600T - TFT Color

12.1" HMI with Ethernet, video and industrial network connectivity support

The GP2600T 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 GP2600T is an ideal data collection and process monitoring HMI.

The GP2000 family offers one of the largest selections of 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.

GP2600-TC11
GP2600-TC41-24V

CE ℝ𝕌 cℝ𝕌 CE Ⓤ𝕃 cⓊ𝕃

FEATURES

- 12.1 inch touch screen
- TFT 256 Color LCD
- 800 x 600 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 secured data collection and sharing

**Easy data transfer by CF card.**

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, DLL, SMTP Email
- Data sharing 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

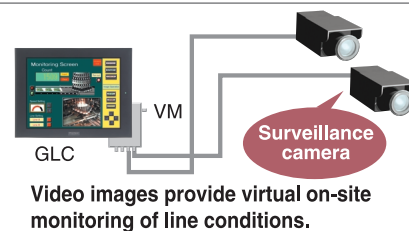Single-board Computer   PC   Inverter   Temperature Controller   PLC
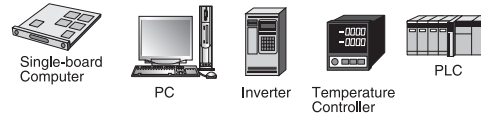
■ SIO 2ch (COM2)
Serial devices, such as single or two-dimensional bar code readers

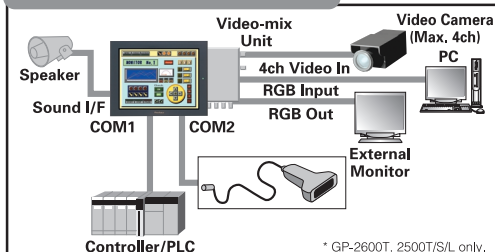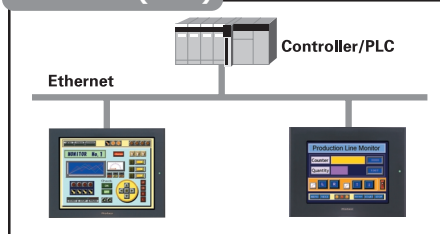**Optional Video Mix Unit: add up to 4 cameras for remote monitoring.**

GLC   VM   Surveillance camera

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

CONNECTIVITY

Multi-Network Connectivity

PC
Ethernet
Communication Module
Controller/PLC

Multi-media - Video Mix

Video-mix Unit
Video Camera (Max. 4ch)
PC
Speaker
4ch Video In
RGB Input
Sound I/F
RGB Out
COM1   COM2
External Monitor
Controller/PLC
* GP-2600T, 2500T/S/L only.

Ethernet (PLC)

Controller/PLC
Ethernet

CompactFlash Features

CF Card
• CF Memory Loader Files
CF Card
PC
■ Logging Data
■ Recipe Data
■ Alarm History
■ JPEG Screen Copy
■ Screen Data
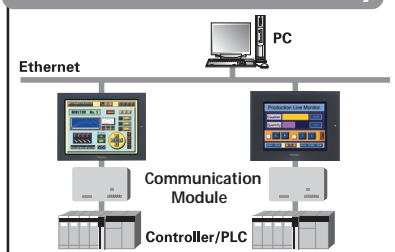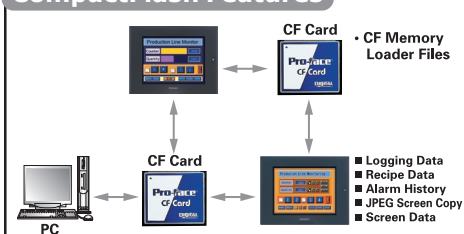
Popular Protocols

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

... and MORE

GP2600T SPECIFICATIONS

FUNCTIONAL SPECIFICATIONS

Model		GP2600-TC11	GP2600-TC41-24V
Display	Type	TFT Color LCD	
	Colors	256 colors, No blink/64 colors, 3-speed blink	
	Backlight	User replaceable CCFL (Service life: 50,000 hrs. or more at 25ºC and 24 hrs. operation)	
	Resolution	800 x 600 pixels	
	Effective Display Area (mm)	(W)246.0mm [9.69in.] x (H)184.5mm [7.27in.]	
	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	
	Exp. 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	8-pin mini Din for programming or barcode readers	
	CF Card Interface	1 slot (CompactFlash™)	
	Expansion Interface	Yes - for optional communication modules	

GENERAL SPECIFICATIONS

		GP2600-TC11	GP2600-TC41-24V
Electrical	Rated Voltage	100VAC to 240VAC	24VDC
	Rated Voltage Range	85VAC to 265VAC	19.2VDC to 28.8VDC
	Power Consumption	50VAC or less (AC IN 100V) 85VAC or less (AC IN 240V)	50W or less
Environmental	Ambient Operating Temp.	0ºC to 50ºC	
	Storage Temperature	-20ºC to 60ºC	
	Storage Humidity	10%RH to 90%RH (non-condensing, wetbulb temperature: 39ºC or less)	
	Vibration Resistance	IEC61131-2 compliant. When vibration is NOT continuous: 10Hz to 57Hz 0.075mm, 57Hz to 150Hz 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.]
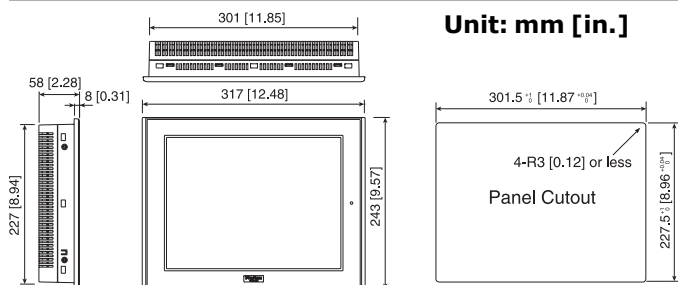
OPTIONAL COMM. MODULES

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
GP2600-TC41-24V	12.1" Color TFT, Ethernet, 24V DC powered, touch screen HMI
GP2600-TC11	12.1" Color TFT, Ethernet, Universal AC powered, touch screen HMI

OPTIONAL ACCESSORIES

PSL-DF00	Screen protection sheets, qty 5
PS600-BU00	Backlight replacement
GPW-CB02	Data transfer cable, GLC to PC 9-Pin RS232 D-Sub
GPW-CB03	Data transfer cable, GLC to PC USB