



GLC2600T - TFT Color

12.1" HMI with distributed I/O, video and industrial network connectivity support

The GLC2600 is a powerful integrated HMI/PLC one box solution. 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 GLC2600 is an impressive full-featured operator interface and controller HMI solution.

The GLC2000 family features powerful logic control algorithms including timers, counters, logical operations, mathematical, bit manipulation etc for precise machine control and monitoring. Additionally, expanded communications to popular industrial network interfaces are supported with optional communication modules listed in the specifications.

GLC2600-TC41-200V

GLC2600-TC41-24V

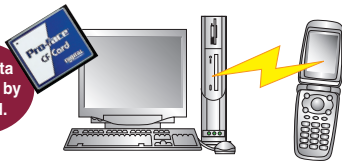
FEATURES

- 12.1 inch touch screen
- TFT 256 Color LCD
- 800 x 600 resolution
- Ethernet Port (10 baseT)
- CompactFlash™ Port
- RS232/422 Com Ports
- Printer Interface, Narrow-pitch D-sub
- Video Input and Sound Output support
- 2CH Flex Network Master Interface

INFORMATION

Powerful secured data collection and sharing

Easy data transfer by CF card.



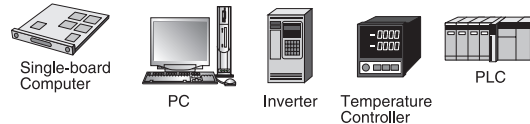
Various HMI software solutions available to match your needs:

- 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 (optional Pro-Server)

COMMUNICATION

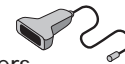
Versatile interfaces support flexible and expanding control system needs

SIO 1ch (COM1) To connect various controllers

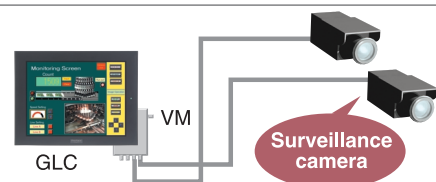


SIO 2ch (COM2)

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.

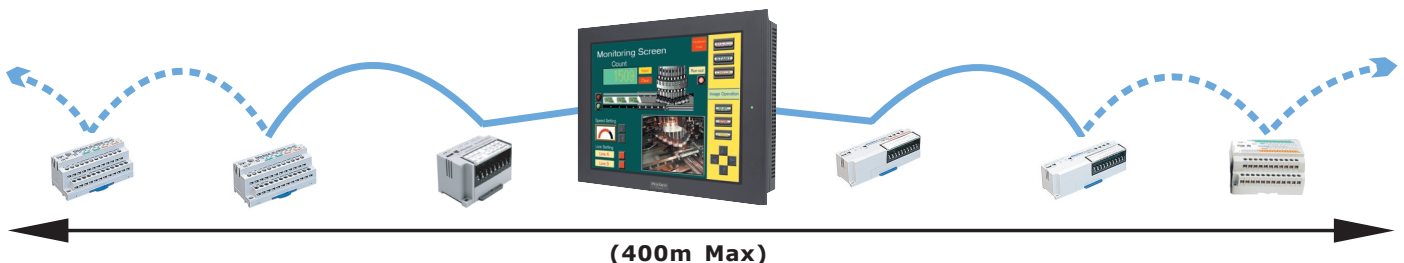
CONTROL - DISTRIBUTED I/O MODULES FOR UP TO 1008 POINTS

GLC control features include: timers, counters, logical operations, mathematical, bit manipulation, etc.

Mix and match any combination of analog and discrete I/O modules to meet your application needs.

Flex Network Module Types:

- 8, 16, 32 and 64-Point Discrete
- Hi-Speed Counter
- 4 Ch. and 2 Ch. Analog In or Out
- Single-Axis Positioning



Please Note: Refer to the Flex Network datasheets for specifications on I/O modules.

GLC2600T SPECIFICATIONS

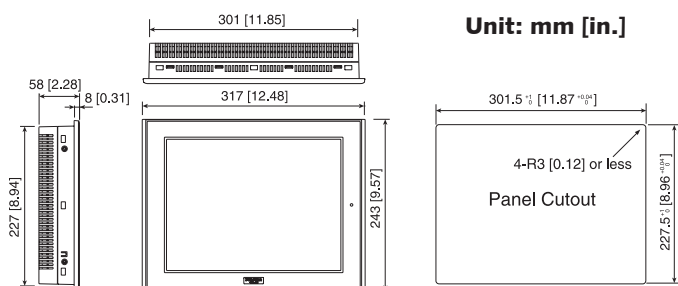
FUNCTIONAL SPECIFICATIONS

Models	GLC2600-TC41-24V	GLC2600-TC41-200V
Display	Type	TFT Color LCD
	Colors	256 colors, No blink/64 colors, 3-speed blink (Color switching is done via software)
	Backlight	CCFL (Service life: 50,000 hrs. or more at 25°C and 24 hrs. operation) User replaceable
	Resolution	800 x 600 pixels
	Effective Display Area	W246.0mm [9.69in.] x H184.5mm [7.27in.]
Memory	Brightness Control	4 levels of adjustment available via touch panel
	Application	4 MB FLASH FEPRAM (Approx. 1280 screens at 3.2KB/screen)
Control Memory	Data Backup	256KB SRAM - uses a lithium battery
	Program Area	128KB FLASH EPROM
Interfaces	Variable Area	64KB SRAM - uses a lithium battery
	Serial (COM 1)	RS-232C/RS-422 configurable, 25 pin D-sub, Data Transmission Speed: 2400 to 115.2 kbps
	Expansion Serial (COM 2)	RS-232C, 9 pin D-sub, Data Transmission Speed: 2400 to 38.4 kbps
	Ethernet Interface	IEEE802.3 10BASE-T
	CF Card Interface	1 slot (CompactFlash™)
	Tool Connector Port	8-pin mini Din for programming, or barcode reader
	Expansion Interface	Yes - for optional communication modules
	Sound Output	External Speaker Connection (Terminal Block), Monaural 1CH - Sound line out output 2.7p-p (Rated load 10kOHM). Speaker Output 70mW (Rated Load: 8OHM frequency: 1kHz)
	Flex Network Interface	For connecting to flex network distributed I/O modules

GENERAL SPECIFICATIONS

Electrical	Input Voltage	24VDC	100VAC TO 240VAC
	Rated Voltage	19.2VDC to 28.8VDC	85VAC TO 265VAC
	Power Consumption	50W or less	50VAC or less when 100VAC in. 85VAC or less when 240VAC in.
Environmental	Ambient Operating Temperature	0°C to 50°C	
	Storage Temperature	-20°C to 60°C	
	Operating Humidity	10%RH to 90%RH (non-condensing, drybulb temperature: 39°C or less)	
	Storage Humidity	10%RH to 90%RH (non-condensing, drybulb temperature: 39°C or less)	
	Vibration Resistance	IEC61131-2 (JIS B 3501) 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	NEMA TYPE#250 Type 4 x/12 (limited to the front face after installation in a panel)	
	Certifications	EN55011 Class A, EN61000-6-2, UL 508, UL 1604, 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

CA1-DNSALL-21	DeviceNet Slave Interface module
CA2-DNMALL-41	DeviceNet Master Interface module
CA3-MBPALL-41	Modbus Plus interface module
CA1-PFSALL-21	Profibus DP Slave interface module
CA2-PFMALL-21	Profibus DP Master Interface module
CA1-COSALL-21	CANopen Slave Interface module
QPI-ABD-201*	Data Highway Plus interface module
QPI-ABR-201*	AB 1771 Remote I/O interface module
*PSL-CONV00	Required adapter when using QPI comm. modules

ORDERING INFORMATION

ORDER NUMBER

GLC2600-TC41-24V

GLC2600-TC41-200V

OPTIONAL ACCESSORIES

PSL-DF00

PS600-BU00-MS

GPW-CB02

GPW-CB03

FN-xxxxx

FN-CABLE2xxx-31-MS

DESCRIPTION

12.1" Color TFT, 24VDC powered HMI with control

12.1" Color TFT, Universal AC powered HMI with control

Screen protection sheets, qty 5

Backlight Replacement

Data transfer cable, GLC to PC 9-Pin RS232 D-Sub

Data transfer cable, GLC to PC USB

Any Flex Network distributed I/O module

Flex Network cable where xxx is 010, 050, or 200 (meters) in length

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