

5.7" PanelStation HMI - QPK-xTDx-0000



Features:

- 256 Color TFT LCD Display or 64 Color STN Color Display
- 10 Base-T Ethernet, and Serial communication interfaces
- CompactFlash™ Card Interface
- System alarm output
- Optional Communication Module Interface

Performance Specifications

Model	QPK-CTDE-0000	QPK-STDN-0000	
Display	Type	5.7" TFT Color LCD	5.7" STN Color LCD
	Colors	256 (no blink)/ 64 (3-speed blink)	64 colors
	Backlight	CFL (Service life: 50,000 hrs. at 25°C and 24hr. operation)	User replaceable CCFL (Service life: 50,000hrs, at 25°C and 24hr. operation)
	Resolution	320 x 240 pixels (QVGA)	
	Effective Display Area (mm)	115.2(W) x 86.4 (H)	
	Brightness Adjustment	4 levels of adjustment available via touch panel	4 levels of adjustment available via touch panel
	Contrast Control	N/A	8 levels of adjustment available via touch panel
Memory	Application	2MB FLASH EPROM - Approx. 640 screens at 3.2KB/screen	
	Data Backup	256KB SRAM (with lithium backup battery)	
Interfaces	Serial (COM1) Interface	Asynchronous Transmission Method: RS232C/RS422 Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even Data Transmission Speed: 2400 to 115.2kbps	
	Serial (COM2) Interface	Asynchronous Transmission Method: RS232C Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even Data Transmission Speed: 2400 to 115.2kbps	
	Ethernet Interface	Ethernet IEEE802.3, 10BASE-T RJ45	
	CF Card Interface	1x Compact Flash Card Slot	
	Printer Interface	Compatible with NECPC-PR201/PL , EPSON ESC/P24-J84(C), HP Laser Jet PCL 4 command printer *1	

*1 Printers with only Windows drivers cannot be used. However, certain types of printers with both Windows and DOS drivers can be used. For details, contact your local Pro-face distributor.

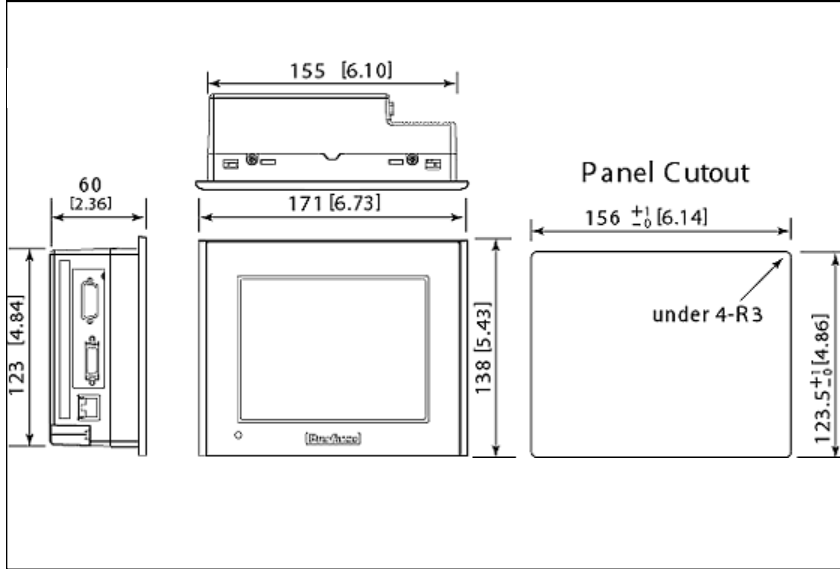
General Specifications

Model	QPK-CTDE-0000 / QPK-STDN-0000	
Electrical	Input Voltage	24V DC
	Rated Voltage	DC19.2V to DC28.8V
	Power Consumption	22W or less
	Allowable Voltage Drop	10ms or less
	Voltage Endurance	AC1000V, 20mA for up to 1 minute, (between charging and FG terminals)
	Insulation Resistance	20Mohm or more at DC500V (between charging and FG terminals)
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)
	Vibration Resistance	Compatible with IEC61131-2, 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 directions for 10 times (80min.)
	Noise Immunity (via noise simulator)	Noise Voltage: 1000Vp-p; Pulse Duration: 1 μs, Arise Time: 1ns
	Corrosive Gasses	Free of corrosive gasses
Structural	Grounding	100ohm or less, or your country's applicable standard *1
	Ratings	Equivalent to IP65*2, Nema #250 Type 4/4x/12
	Certifications	UL/c-UL Listed, CSA (UL508, UL1604 Class 1, Div 2, CSA-C22.2 No.142), CE EN55011 Class A, EN61000-6-2
	External Dimensions	W171mm[6.73in.] x 138mm[5.43in.] x D60mm[2.36in.]
	Panel Cut-out Dimensions	156(+1 / -0)mm [6.14in.] x 123.5(+1 / -0)mm [4.86in.] (Panel thickness: 1.6mm[0.06in.] to 5mm[0.2in.]
	Weight	1.2kg(2.6lb) or less
	Warranty	Two year standard

*1 Grounding requirements differ from country to country. Be sure to confirm your work environment requirements prior to installation. For more information, please contact your local Pro-face distributor.

*2 The degree of protection provided by these products is equivalent to IP65f, however their performance cannot be guaranteed for every environment. Be sure to confirm your work environment requirements prior to installation.

Dimensions



Ordering Information

Part Number	Description
QPK-CTDE-0000	5.7" TFT Color, Serial, Ethernet, CF, 24VDC
QPK-STDN-0000	5.7" STN Color, Serial, CF, 24VDC

Optional Items

Part Number	Product Name
QPJ-ABD-201	AB Data Highway Plus Communication Module *1
QPJ-ABR-201	AB 1771 Remote I/O Communication Module *1
QPJ-PBS-201	Profibus DP Slave Communication Module *1
QPJ-DVN-202	DeviceNet Slave Communication Module *1
CA3-MBPALL-41	Modbus Plus Communication Module (no adapter required)
PSM-CONV00	Required adapter when using QPJ communication modules.
HMI-CAB-C52	Communication cable - PanelStation to SLC RS-232C 9-pin D-sub port
HMI-CAB-C83	Communication cable - PanelStation to SLC DH485 Program Port via 8 pin RJ45 modular phone connector
HMI-CAB-C84	Communication cable - PanelStation to SLC DH485 Program Port via 8 pin RJ45 modular phone connector plus includes 8 pin socket modular phone connector, 6 ft.
HMI-CAB-C106	Communication cable - PanelStation to Micrologix RS-232C 8-pin circular DIN port
HMI-CAB-C53	Communication cable - PanelStation to Modicon 984 RS-232C port via 25 pin D-Sub
PS300-BU00	Replacement backlight for QPK-STDN-0000 model (Note: the backlight for the QPK-CTDE-0000 is NOT field replaceable)
HMI-CAB-C105	Printer cable, PanelStation tool port to 9pin female connector, RS-232C, 10 Ft.
PS300-DF00	5.7" Touch Screen Protection Sheet (Qty 5) for QPG units
QDA-EDT-001	QuickDesigner 3.7 Software w/ GPW-CB02 RS-232C programming cable (Not supported on Windows XP or Vista Operating Systems)
QDA-EDT-001/L	QuickDesigner 3.7 Software - no programming cable (Not supported on Windows XP or Vista Operating Systems)
GPW-CB02	RS-232C Programming Cable
HMI-CAB-ETH	Ethernet Crossover Cable
GP070-AT01	Mounting Fasteners

Caution: Before operating any of these products, please be sure to read all related manuals thoroughly.
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 - All information contained in this document is subject to change without notice.

*1 A PSM-CONV00 conversion adapter is required when using any QPJ communication module

For cutout compatible units refer to Pro-face's PanelStation Migration Guide:
<http://www.profaceamerica.com/cms/site/6cc4edaf95cbe432/index.html>

Accessories



CompactFlash Card

Programming Cable

Screen Protection Sheets

Software



Powered by
QUICKDESIGNER™

HMI Development Software

(Version 3.7)

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www.profaceamerica.com

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For more information
ACCESS www.profaceamerica.com

Pro-face
Your HMI and Industrial PC Authority



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.

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