

PANELSTATION

QuickDesigner®Compatible Operator Interface



Corporate Overview

The Original Operator Interface

QuickDesigner Software

PanelStation Product Line

PLC Cables and Accessories

QuickPanel Migration Options

Global Value, Service and Investment Protection

Worldwide Support



The Best in Human Machine Interfaces



Pro-face offers you the best solutions for all your application needs

- ✓ Low Maintenance Industrial Computers
- Remote Maintenance and Monitoring HMI Solutions
- ✓ Factory and Office HMI Data Sharing Solutions
- Machine Cost Reduction HMI Solutions
- ✓ Ultra-clear Long-life Touch Screen Monitors

About Us

Pro-face is a global supplier of a broad range of plant visualization and control solutions for industrial automation markets. We offer dedicated and PC-based open HMI solutions designed to increase machine and plant efficiency while reducing overall system costs. Our principal products include Pro-face brand operator interfaces, industrial PCs and HMI software plus Xycom brand industrial computers and monitors.

Pro-face America, headquartered in Saline, Michigan is the North American sales office. Pro-face products are supported by 17 major offices with over 1200 representatives around the world.

Innovative

- #1 in delivering lowest cost of product ownership
- #1 in maintaining panel cutout compatibility 20+ years
- #1 in HMI hardware and data connectivity
- First to deliver industrial flat panel operator interface touch screens
- Manufacturer of the original QuickPanel®

Proven

- 35+ years of industrial HMI solutions
- Over 1.5 million operator interfaces in use today
- Installed in more than 300,000 factory-floor systems worldwide
- Serving 50 countries and expanding

Trusted

Pro-face is installed in the world's most recognized manufacturing facilities.

Find us here (and other places):

Industrial Automotive Food & Beverage Agriculture Packaging Material Handling Oil & Gas

Water/Wastewater Semiconductor Power Generation

Industry leading technology solving today's toughest factory problems.

PanelStation HMI Operator Interface Series

QuickDesigner Compatible Operator Interfaces,



from the manufacturer...

Pro-face is the most recognized and trusted name in operator interfaces and graphic controllers worldwide.

In 2003, Pro-face began marketing its own brand of operator interface products in North America. The Proface PanelStation product line was created to maintain, support and service the existing installed base of Pro-face products. Pro-face PanelStation operator interface products are 100% equivalent to GE Fanuc's QuickPanel products and share the same part numbers.

Featuring sizes from 6" to 12.1," and now available in Ethernet-ready versions, PanelStation bridges the gap between text-based message displays and full-featured graphics touch screens.

...and in stock.

QuickDesigner 3.7 Graphical HMI Editing Software



Simple, easy-to-learn HMI development for all PanelStation models

- Windows[®]-based (95, 98, 2000 only)
- · Friendly and easy-to use
- Common to all PanelStation models
- Compatible with all QPJ, QPK, QPI, QPL and QPM models

QuickDesigner features a comprehensive set of functional panel operators

- Push buttons toggle on and off at a touch
- Selector switches
- Pilot lights glow to indicate active status and feature text and numeric data displays
- Bar-graph displays
- Images: Static and dynamic bitmapped or object-oriented



Do you need to upgrade to QuickDesigner 3.7? Older-version software can lead to hardware compatibility issues. Use our web site to get the latest service packs free of charge. Note: This software does not support GE protocol drivers.

Order Number Description

QDA-EDT-001 QuickDesigner 3.7 software w/ GPW-CB02 RS232 program cable QDA-EDT-001/L QuickDesigner 3.7 software - no download cable

QuickPanel and QuickDesigner are registered trademarks of GE Fanuc Automation North America Inc.

PanelStation Series HMI Operator Interface

PanelStation Series Lineup







9 inch



7.4 inch

- ■TFT color SVGA (65K colors)
- ■Resolution: 800 x 600

Functional Specifications

- ■4MB Flash EPROM for large applications
- ■Ethernet: 10Base-T
- ■Printer port
- ■CompactFlashTM storage
- ■Two serial ports
- ■One download/bar-code port
- Auxiliary I/O: Remote reset input, system alarm output, speaker output, sound lineout, buzzer output
- ■Power: 85-132V AC (50VA) or 24V DC (50W)

Environmental

- Operating temperature: 0° to 50° C
- ■Storage temperature: -20° to 60° C
- Ratings: NEMA 4x/12, IP65f
- ■Humidity: 10-90% RH non-condensing
- ■External dimensions: W317mm [12.48in] H243mm [9.57in] D58mm [2.28in]
- Cutout: W301.5mm [11.87in] H227.5mm [8.96in]
- ■Weight: 7.7 lbs (3.5kg)



Display

Rated

Voltage





AC85-132V

QPL-CTAE-0000



TFT

DC24V

QPL-CTDE-0000



- ■TFT color VGA (65K colors)
- Resolution: 640 x 480

Functional Specifications

- ■4MB Flash EPROM for large applications
- ■Ethernet: 10Base-T
- ■Printer port
- ■CompactFlashTM storage
- ■Two serial ports
- ■1 download/bar-code port
- Auxiliary I/O: Remote reset input, system alarm output, speaker output, sound lineout, buzzer output
- ■Power: 85-132V AC (50VA) or 24V DC (50W)

Environmental

- ■Operating temperature: 0° to 50° C
- ■Storage temperature: -20° to 60° C
- ■Ratings: NEMA 4x/12, IP65f
- ■Humidity: 10-90% RH non-condensing ■External dimensions: W317mm [12.48in]
- H243mm [9.57in] D58mm [2.28in] Cutout: W301.5mm [11.87in]
- H227.5mm [8.96in] ■Weight: 7.7 lbs (3.5kg)







10.4"

TFT



AC85-132V

QPI-CTAE-0000







DC24V

QPI-CTDE-0000

- ■Monochrome amber electroluminiscent
- ■Resolution: 640 x 400

Functional Specifications

- ■2MB Flash EPROM
- ■Ethernet: 10Base-T
- ■Printer port ■CompactFlashTM storage
- ■1 serial port
- ■1 download/bar-code port
- ■Power: 24V DC (22W)

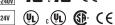
Environmental

- ■Operating temperature: 0° to 50° C
- ■Storage temperature: -10° to 60° C
- ■Ratings: NEMA 4x/12, IP65f
- ■Humidity:210-85% RH non-condensing
- ■External dimensions: W274mm [10.79in] H216mm [8.5in] D56.5mm [2.23in]
- ■Cutout: W259mm [10.2in] H201mm [7.92in]
- ■Weight: Less than 2.5kg









85-132V AC (50VA)

OPI-31200-F2P



9"

Amber Monochrome





- ■TFT color VGA (65K colors)
- Resolution: 640 x 480

Functional Specifications

- ■4MB Flash EPROM for large applications
- ■Ethernet: 10Base-T
- ■Printer port
- ■CompactFlashTM storage
- ■Two serial ports
- ■1 download/bar-code port
- Auxiliary I/O: Remote reset input, system alarm output, speaker output, sound lineout, buzzer output
- ■Power: 24V DC (28W)

Environmental

- ■Operating temperature: 0° to 50° C
- ■Storage temperature: -20° to 60° C
- ■Ratings: NEMA 4x/12, IP65f
- ■Humidity: 10-90% RH non-condensing
- ■External dimensions: W215mm [8.46in] H170mm [6.69in] D60mm [2.36in]
- Cutout: W204.5mm [8.05in] H159.5mm [6.28in]
- ■Weight: 5.5 lbs (2.5kg)









7.4"	
TFT	
DC24V	

OPG-CTDE-0000

Communication Modules

For all QPJ and QPK units	For 9" QPI-3x200-E2P units	For Ethernet-based QPG/QPI/ QPL-CTxE-0000 units
QPJ-ABD-201 ¹ A-B Data Highway Plus interface module (UL, CE)	QPI-ABD-201 A-B Data Highway Plus interface module (UL, CE)	QPI-ABD-201 ² A-B Data Highway Plus interface module (UL, CE)
QPJ-ABR-201 ¹ A-B 1771 Remote I/O interface module (UL, CE)	QPI-ABR-201 A-B 1771 Remote I/O interface module (UL, CE)	QPI-ABR-201 ² A-B 1771 Remote I/O interface module (UL, CE)
QPJ-MBP-XA1 Modbus Plus interface module (UL)	QPI-MBP-XA1 Modbus Plus interface module (UL)	CA3-MBPALL-41 Modbus Plus interface module compatible with CTDE/CTAE HMI units
QPJ-PBS-201 ¹ Profibus interface module	QPI-PBS-201 Profibus interface module	QPI-PBS-201 ² Profibus interface module
CA3-MBPALL-41 Modbus Plus interface module for QPK-STDN-0000 and QPK-CTDE-0000	QPI-DVN-202 DeviceNet interface module	QPI-DVN-202 ² DeviceNet interface module
QPJ-DVN-202 ¹ DeviceNet interface module		

¹Requires PSM-CONV00 adapter to use with QPK-STDN-0000 and QPK-CTDE-0000 units ²Requires PSL-CONV00 adapter to use with QPG/QPI/QPL-CTXE-0000 units

Protocols Supported by QuickDesigner 3.7

Allen-Bradley

SLC-500 single-point, network channel 0 and DF1 PLC-5 channel 0 DF1 serial PLC-2 program port Remote I/O

24VDC (50W)

QPI-3D200-E2P

Data Highway Plus for PLC5 and SLC 5/04 Aromat (MEWNET)

ASCII slave for computer communications B & R Mininet CANopen

DeviceNet Flex (ASCII)

Hitachi H Series, Hitachi S10 Idec Micro 1, Micro 3, FA2J, FA3S

Keyence KV-L2 port 1, KV-L2 & KV-10R program port Koyo DL405, DL305, DL205

Mitsubishi

A Series computer interface A Series program port FX Series program port Modicon Modbus Master, Modbus Plus,

Modbus Slave Omron C Series host link PLC Direct

Profibus-DP Siemens S5 family program port S7-200 PPI, S7-300/400 MPI 3964R communication link Simatic TI405/305 CCM2,

TI500 Series program port Square D Symax program port or NIM Toshiba T1, T2, MX and EX Toyopuc PC1 and PC2 Unitelway



■Resolution: 320 x 240

Functional Specifications

- ■2MB Flash EPROM (CTDE) 1MB Flash EPROM (STDN)
- ■Ethernet: 10Base-T
- ■CompactFlashTM storage
- ■2 serial ports, 1 printer port
- ■1 download/bar-code port
- ■Power: 24V DC (22W)

Environmental

- ■Operating temperature: 0° to 50° C
- ■Storage temperature: -20° to 60° C
- ■Ratings: NEMA 4x/12, IP65f
- Humidity: 10-90% RH non-condensing
- ■External dimensions: W171mm [6.73in] H138mm [5.43in]
- D60mm [2.36in] ■Cutout: W156mm [6.14in]
- H123mm [4.86in] ■Weight: 2.6 lbs (1.2kg)











■16W x 12H resistive touch screen

Functional Specifications

- ■1MB Flash EPROM
- ■One RS-232/RS-422 port
- ■1 download/bar-code port
- ■Power: 24V DC (20W)

Environmental

- ■Operating temp: 0° to 50° C
- ■Storage temp: -20° to 60° C
- ■Ratings: NEMA 4x/12, IP65f (front panel)
- ■Humidity: 20-85% RH non-cond.
- ■External dimensions: W207mm [8.15in] H157mm [6 18in]
- D58mm [2.28in] **■**Cutout dimensions: W192mm [7.56in] H142mm [5.59in]
- ■Weight: 1.1 kg







Display Size	6)"	6″ Mini
Display Type	TFT	STN	LCD Blue/White
Rated Voltage	DC24V	DC24V	DC24V (20W)
Order Number	QPK-CTDE-0000	QPK-STDN-0000	QPM-3D200-B2P

Technical Questions?

Answers to your technical questions are at your fingertips. Visit the online Support Center Knowledge Base at www.profaceamerica.com.

PanelStation Warranty

All PanelStation Series brand products are warranted by Pro-face to be free from defects of material and workmanship under normal use and service for a period of two years from shipment. Extended warranties are available. Contact Pro-face for details.

Accessories

Additional accessories are available for PanelStation Series brand products. Ask for a complete listing of available products.

PanelStation AB HMI Kits			
ABK-STDN-0000/SER	6" STN Serial 24VDC	ABK-CTDE-0000/ABD	6" TFT w/AB DH+, 24VDC
ABK-STDN-0000/ABD	6" STN w/AB DH+, 24VDC	ABK-CTDE-0000/ABR	6" TFT w/AB RIO, 24VDC
ABK-STDN-0000/ABR	6" STN w/AB RIO, 24VDC	ABK-CTDE-0000/DVN	6" TFT w/AB DeviceNet, 24VDC
ABK-STDN-0000/DVN	6" STN w/AB DeviceNet, 24VDC	ABI-CTDE-0000/ABR	10.5" TFT Ethernet w/AB RIO, 24VDC
ABK-CTDE-0000/SER	6" TFT Serial 24VDC		

Mfr.	PLC Type	e 12 feet long except a Description	Order No.
Allen-Bradley	SLC 500, 5/01, 5/02, 5/03	DH-485 program port	HMI-CAB-C83
	SLC 500, 5/01, 5/02, 5/03	DH-485 link, 6-ft. max, via 1747-A/C module, multiple	HMI-CAB-C84
	SLC 5/03, SLC 5/04	units to multiple SLCs SLC, 9-pin RS-232	HMI-CAB-C52
	PLC-5	SLC, 25-pin RS-232	HMI-CAB-C53
	PLC-2	Prog. port, 15-pin RS-422	HMI-CAB-C90
	Micrologix	Program port, 8-pin circular DIN RS-232	HMI-CAB-C10
	Remote I/O	See Communication Modules (page 4)	
	Data Highway Plus	See Communication Modules (page 4)	
ASCII Com- munications	RS-232	HMI to RS-232 screw terminal serial port	HMI-CAB-C23
munications	RS-422	HMI to RS-422 screw terminal serial port	HMI-CAB-C42
DeviceNet	DeviceNet	See communication modules	
GE Fanuc	90/30, 90/70 PLC	RS-422 program port via 15-pin D-sub	HMI-CAB-C82
	SNP protocol PLC	CMM module via RS-232 25-pin D-sub	HMI-CAB-C53
		PLC CMM module via RS- 422 25-pin D-sub	HMI-CAB-C93
Generic PLC Cables & Adapters	RS-232	Connects HMI to PLC RS- 232 via open wires	HMI-CAB-C23
	RS-232C	Cross-type 2-pin D-sub connector both ends (5M)	GP410-IS00-0
	RS-232C	Straight cable w/25-pin D-sub both ends (5M)	GP410-IS01-0
	RS-422	Connects HMI to PLC RS- 422 port via open wires	HMI-CAB-C42
	RS-422	Serial 25-pin D-sub connector to 9-pin D-sub (5M)	GP230-IS11-0
	RS-422	Multi-link 25-pin D-sub connector to 9-pin D-sub (5M)	GP230-IS12-0
	Adapter RS-422	25-pin D-sub to screw terminal adapter	GP070-CN10-
IDEC	Micro-1, FA via link adapter	25-pin RS-232	HMI-CAB-C5
	Micro 3	25-pin to 9-pin RS-232	HMI-CAB-C10
Keyence	KV-L2 port 1	25-pin RS-232	HMI-CAB-C5
Koyo/PLC Direct	DL430, DL440 P2, D4- DCM, DL330, DL350 port 2, DL450P Port A	RS-232 25-pin D-sub port	HMI-CAB-C5
	DL330P, with use of D3-232-DCU	RS-232 25-pin D-sub port	HMI-CAB-C5
	DL250 port 1/DL350 port 1, DL240 port 2 PLCs	RS-232 via 6-pin modular phone	HMI-CAB-C86
Mitsubishi	Series A1S	9-pin RS-232 D-sub for A1SJ71C24-R2	GP000-IS02-N
	Series A computer interface	25-pin RS-232 D-sub	HMI-CAB-C5
	Series A FX, FXO program port	25-pin RS-422 (FXO via adapter)	HMI-CAB-C9
	A/QnA/FX series	2-port adapter II Adapter cable RS-422, 5m.	GP070-MD11 GP070-MDCB
		for 2-port adapter II	0.000
	FX, FX0	Programming port	GP430-IP10-0
Madian	FX, FX0	FX programming port	GP430-IP11-0
Modicon	984 A, B, X 984 slot and compact	25-pin D-sub RS-232 9-pin D-sub RS-232	HMI-CAB-C50 HMI-CAB-C50
	984 micro	RJ45 headset conn. RS-232	HMI-CAB-C10
	MODBUS Plus	See Communication Modules (page 4)	
Omron	C200H	25-pin RS-232	HMI-CAB-C5
	C20H, CQM1	9-pin D-sub RS-232	HMI-CAB-C6
	CS1	25-pin D-sub	GP000-IS03-IV
PLC Direct PROFIBUS	See Koyo/PLC Direct PROFIBUS	See Communication	
Reliance	Automate program port,	Modules (page 4) 25-pin D-sub RS-232	HMI-CAB-C5
Siemens	R-net gateway S5 family program port	15-pin current loop	HMI-CAB-C76
2.30.70	S7-200 PPI	9-pin RS-422	HMI-CAB-C1
	MPI cable	via MPI connection	GP070-MPI-4
Simatic TI	305 used with RS-232 DCU; 405; 500 series w/25-pin prog. port	25-pin RS-232	HMI-CAB-C53
	500 series, 9-pin male RS-422	9-pin RS-422 D-sub	HMI-CAB-C92
	505 series, 9-pin prog.	9-pin RS-232 D-sub	HMI-CAB-C10
	port		
Square D	port Symax 100 & greater	9-pin D-sub RS-422	
Square D	port	9-pin D-sub RS-422 25-pin D-sub RS-232	HMI-CAB-C94 HMI-CAB-C53
Square D Toyopuc	port Symax 100 & greater Symax 50 via link		

Refer to Pro-face Operator Interface and Controller Products 2009 Selection Guide guide for further information

Migration Options

Stay Confident, Keep the Reliability

Investment Protection for QuickPanel® Users

Are you being pushed to migrate?

Is migrating to a new HMI platform in your company's best interest?

Most Importantly, Are you ready?

Look to Pro-face to provide you a choice.





Keeping it Simple

- √ No project migration
 - Use your existing QuickDesigner Software
 - Use your existing part numbers
- √ No certification issues
- √ 20+ years cutout compatibility
- √ Free phone technical support
- Access to vast online knowledge-base and learning center
- √ 5-day turnaround on repairs

PanelStation = QuickPanel

Upgrade to the Latest in HMI Technology



Three Migration Steps:

(1) Convert, (2) Import, (3) Download

Why Migrate?

- ✓ One development software, endless HMI solutions
- Choice of platforms: Windows®-based or dedicated operator interfaces
- Cut machine costs: single unit HMI plus PLC options
- ✓ Full Internet-based remote servicing tools
- More connectivity motion, drivers, scanners, PLCs, PACs, DCS

Make Pro-face your last HMI conversion!



Tools for Our Customers

Access Our Online Knowledge Base and Learning Center and Download

- → Latest QuickDesigner Service Packs
- → Migration Guide and Reference Charts
- Frequently Asked Questions
- Manuals and Datasheets

Get GP-Pro EX for FREE!

AGP3000 First Time Buyers Promotion

- FREE GP-Pro EX software
- **FREE** programming cable

With your first purchase of select AGP3000 Series PCs.

To learn more...

go to www.profaceamerica.com/uncover

Choices, It's what you expect from a global supplier.



Our Commitment to You

Experience Pro-face Global Value, Service and Investment Protection



The Pro-face Product Value

Expert Training and Online Resources

Instructor-led HMI Training

- On-site self-paced product training
- HMI competency skills building
- HMI efficiency tips and tricks

24/7 Knowledge-Base & Learning Center Access

- Extensive product resource center (Otasuke Pro)
- Manuals/datasheets/updates/demos/FAQs
- Self-paced training and learning resources

■ Unsurpassed Investment Protection

Phone-in Priority Tech Support

- Global product support network
- 20+ years cutout compatibility
- 7 year factory service and support
- 5-day repair turnaround (Priority 1-day upon request)

Outstanding Value and Service

- ONE development software for open and dedicated HMI products
- No charge for HMI communication drivers
- Conversion and product migration assistance

Exceptional Support

Phone-in Priority Tech Support

- No contracts, no hassles
- Direct connect to live product support specialists
- +95% problem resolution and callback in 24 hr

On-site HMI Application Assistance

- Highly trained field technical specialist
- Proof-of-concept assistance

Remote HMI Application Engineer

- Real-time HMI troubleshooting services
- HMI project file analysis with simulation



Delivering more than a box

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Globally Recognized, Globally Trusted, Globally Supported

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Contact your local distributor today:

