

Unit price (incl.VAT) in VND

Universal display modules

Data entry method	Size	Resolution	Colors	Touch type	Option	Reference	Unit Price
Advanced display							
Via touch screen, format 16/9	7"	800 x 480	262 K	Single resistive	No	HMIDT351	(*)
	10"	1280 x 800	262 K	Single resistive	No	HMIDT551	(*)
	12"	1280 x 800	262 K	Single resistive	No	HMIDT651	(*)
Smart display							
Via touch screen, format 4/3	10.4"	800 x 600	16M	Multi resistive	Front USB Brightness sensor, Staler	HMIDT542	(*)
	12.1"	1024 x 768	16M	Multi resistive	Front USB Brightness sensor, Scale	HMIDT642	(*)
	15"	1024 x 768	16M	Multi resistive	Front USB Brightness sensor, Staler	HMIDT732	(*)



HMIDT351



HMIDT642



HMIG3U



HMIG5U

Harmony GTU Universal box modules

Operating system	RAM	Storage	USB ports	Communication	Multimedia	Reference	Unit Price
Premium box							
Real Time	256MB	2SD cards	2 Hosts (type A), 1 Device (mini-B)	2 Serial 2 Ethernet Gigabit	Sound output	HMIG3U	(*)
Open box							
Windows®7 Embedded	2 GB	2 CFast cards 1 SD card	3 Hosts (type A), 1 Device (mini-B)	2 Serial 2 Ethernet Gigabit	Sound output, Microphone, External display output(DVI)	HMIG5U	(*)

(*) Please contact Schneider Electric distributor for price request

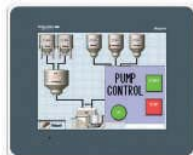
Unit price (incl.VAT) in VND

Harmony GTO - Touch Screen

Description	Reference	Unit Price
3.5" QVGA TFT LCD screen, 320 x 240 pixels - 2 x serial link	HMIGTO1300	25.102.000
3.5" QVGA TFT LCD screen, 320 x 240 pixels - 1 x serial link - 1 x Ethernet	HMIGTO1310	23.389.300
5.7" QVGA TFT LCD screen, 320 x 240 pixels - 2 x serial link	HMIGTO2300	31.098.100
5.7" QVGA TFT LCD screen, 320 x 240 pixels - 2 x serial link - 1 x Ethernet	HMIGTO2310	33.485.100
5.7" QVGA screen, 320 x 240 pixels, with Stainless Steel frame (IP 66K) - 2 x serial link - 1 x Ethernet	HMIGTO2315	43.121.100
7.0" WVGA (Wide) TFT LCD screen, 800 x 480 pixels - 2 x serial link - 1 x Ethernet	HMIGTO3510	44.931.700
7.5" VGA TFT LCD screen, 640 x 480 pixels - 2 x serial link - 1 x Ethernet	HMIGTO4310	47.654.200
10.4" VGA TFT LCD screen, 640 x 480 pixels - 2 x serial link - 1 x Ethernet	HMIGTO5310	57.730.200
10.4" VGA screen, 640 x 480 pixels, with Stainless Steel frame (IP 66K) - 2 x serial link - 1 x Ethernet	HMIGTO5315	81.841.100
12.1" SVGA TFT LCD screen, 800 x 600 pixels - 2 x serial link - 1 x Ethernet	HMIGTO6310	63.526.100
12.1" SVGA screen, 800 x 600 pixels, with Stainless Steel frame (IP 66K) - 2 x serial link - 1 x Ethernet	HMIGTO6315	78.628.000



HMIGTO6310



HMIGTO5315

Unit price (incl.VAT) in VND



HMISTO735



HMISTU655

Harmony STO		
Description	Reference	Unit Price
4.3" color touch screen		
Harmony STO 4.3 inch TFT, 64K color 480x272 pixels, analog touch panel, serial RS232C I/F (terminal block), USB I/F type A & mini B x 1 each, DC power supply (12V/24V)	HMISTO705	12.823.800
Harmony STO 4.3 inch TFT 64K color, 480x272 pixels, analog touch panel, serial RS232C/485 I/F (RJ-45), USB I/F type A & mini B x 1 each, DC power supply (12V/24V)	HMISTO715	12.823.800
Harmony STO 4.3 inch TFT 64K color, 480x272 pixels, analog touch panel, Ethernet I/F (RJ-45), USB I/F type A & mini B x 1 each, DC power supply (12V/24V)	HMISTO735	15.374.700
Harmony STU		
Harmony STU with display 3"5 Touch Screen, 65K colors, resolution QVGA 320x240 pixels, 24V DC supply, one serial line RS232/RS485-RJ45 port, one Ethernet 10/100BaseT RJ45 port, two USB port type mini-B device & type A host	HMISTU655	20.718.500
Harmony STU with display 5"7 Touch Screen, 65K colors, resolution QVGA 320x240 pixels, 24V DC supply, one serial line RS232/RS485-RJ45 port, one Ethernet 10/100BaseT RJ45 port, two USB ports type mini-B device & type A host	HMISTU855	25.866.500

HMI Design Software



Vijeo Designer



Vijeo XD

Vijeo Designer		
Description	Reference	Unit Price
Vijeo Designer, Single license	VJDSNDTGSV62M	28.220.500
Vijeo Designer, Single license, XBTGT USB cable	VJDSUDTGAV62M	30.267.600
Vijeo Designer, Single license, Group license	VJDGNDTGSV62M	38.953.200
Vijeo Designer, Single license, Team license	VJDTNDTGSV62M	98.715.100
EcoStruxure Operator Terminal Expert (EOTE)		
Description	Reference	Unit Price
EOTE Pro paper License (support GTU/GTO/STO7/iPC)	HMIPELCZLSPMZZ	42.546.900
EOTE Exp paper License (support STO7 only)	HMIIELCZLSPMZZ	7.051.000
EOTE RunTime paper License for Magelis iPC	HMIRTM CZLSPMZZ	29.608.700

Accessories

Download cable		
Download cable for mini-USB port	BMXXCAUSBH018	1.679.700
Battery for RTC		
For HMISTO back-up of real time clock data during power-off	HMIZSRTC1	1.633.500
Cable to connect to PLC		
Please see catalogue for the information		

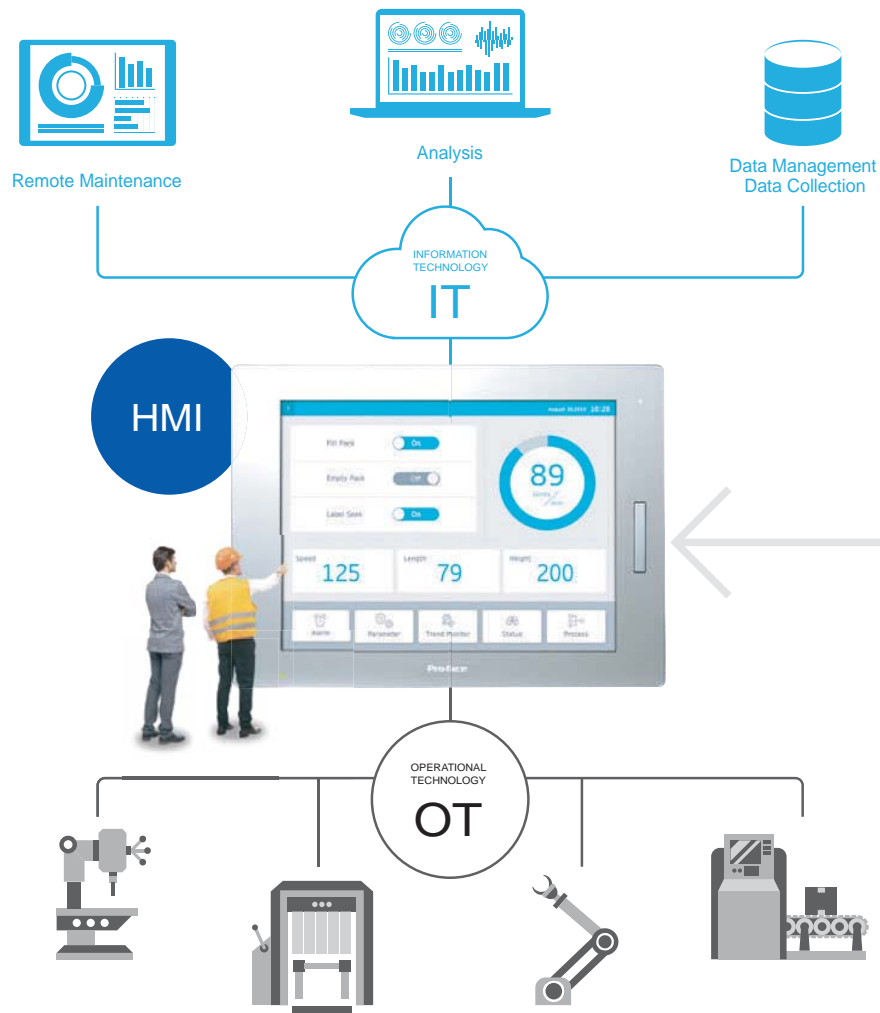
Pro-face

by Schneider Electric



Please contact our distributors or Schneider Electric for more information. Vui lòng liên hệ các đơn vị phân phối để biết thêm chi tiết. The above price is inclusive of VAT. Giá trên đã bao gồm VAT.

Pro-face Brand Concept



HMI Centric

HMI is a window to people and machines that lets everyone from operators to managers access the information they need in the format they desire from any device or network.

HMI Centric Solutions make the best of the human workforce with the digital technology.



How to empower workforce with HMI Centric concept?

An HMI Centric concept is actually a kind of industrial IoT solution, in which we make the best of the human workforce and we take the best leverage of the new digital technology.

High Flexibility

Open Connectivity meets flexibly various needs



OT/IT Connectivity

Connect directly to a wide range of devices and networks with various vendors.



Offer Scalable and Customizable

A wide range of product lineup including modern technologies to meet the specific needs of various customers.



Collaborative System

Ready-to-use embedded HMI service to access machines remotely and securely.



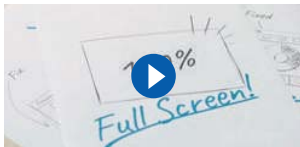
Simple Visibility

Empowered human workforce



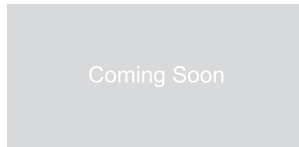
Intuitive Layout Design

Everyone easily operate and access precise information in a fast HMI design.



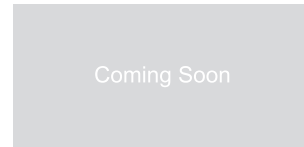
Increasing Information Value

Rich and expressive interfaces and intuitive operation in a large amount of data to utilize easily.



Modern Visualization

Supported by high-resolution graphics and tablet style displays with smooth response which Millennials favor.



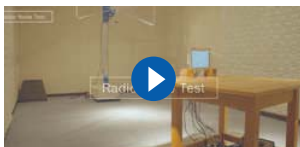
Strong Reliability

Peace of mind on your site



Robust and cyber secure Solutions

Based on quality best practice since the world's first HMI (GP Series) was first developed in 1989.



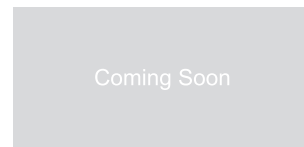
Global Availability/Support / Training

HMI Specialist service & support delivering certainty around the world.

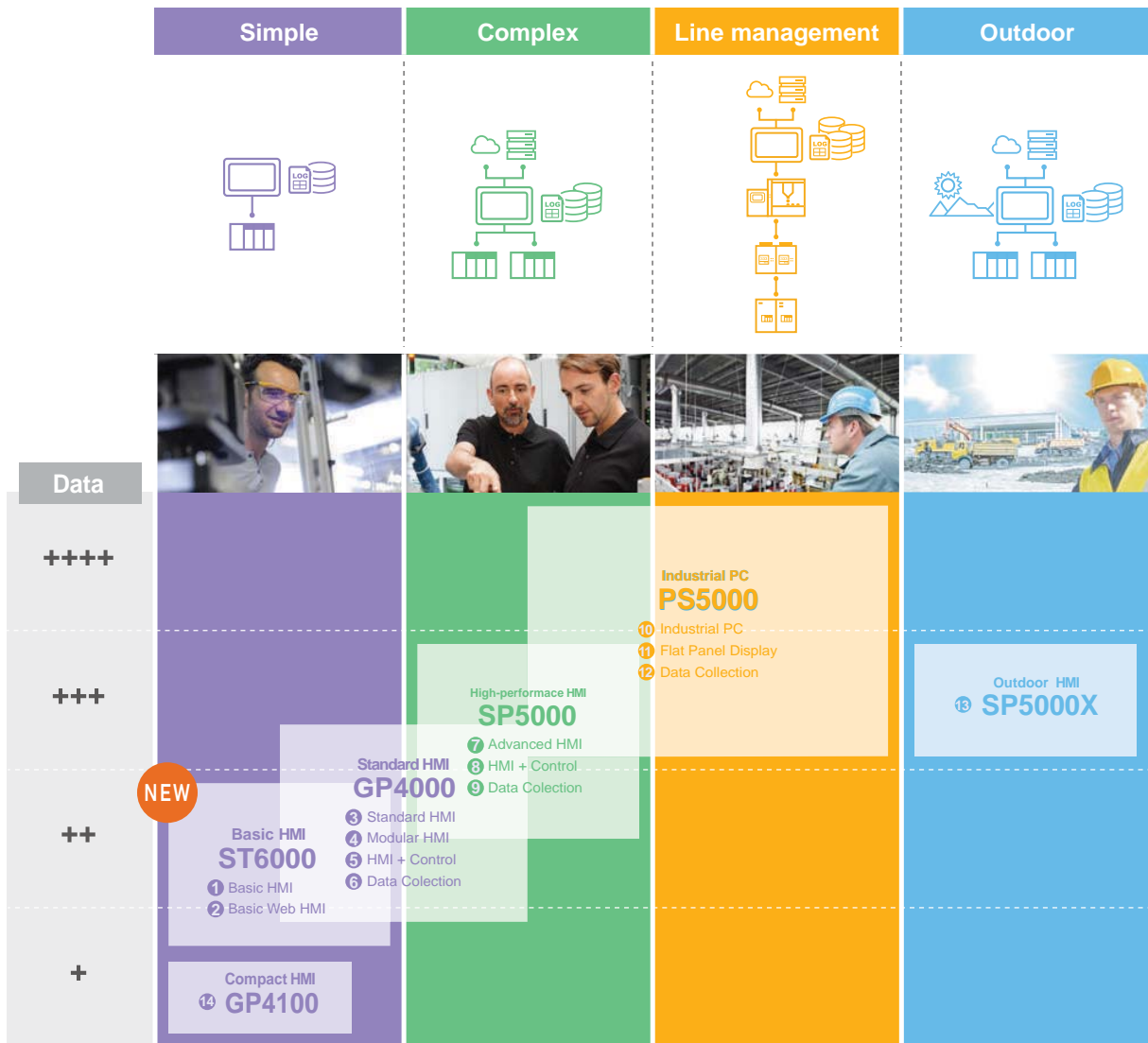


Effortless migration to innovations

Special care to migrate our instrument to our new concept and to our new innovations.



Pro-face Product Overview



ST6000 Series

- 1 Basic HMI (ST6000)..... **BLUE** **UP GRADE**
- 2 Basic Web HMI (STW6000)

GP4000 Series

- 3 Standard HMI (GP4000)
- 4 Modular HMI (GP4000M)
- 5 HMI + Control (LT4000M)
- 6 Data Collection (GP4000M/LT4000M)

SP5000 Series

- 7 Advanced HMI (SP5000)
- 8 HMI + Control (SP5000+option)
- 9 Data Collection (SP5000+option)

RS5000 Series







- 10 Industrial PC (PS5000+option)..... **BLUE** Line Management Line SCADA **Open Studio** **UP GRADE**
- 11 Data Collection
- 12 Flat Panel Display (PS5000/FP5000+option)

SP5000X Series

- 13 Outdoor HMI (SP5000X)

GP4100 Series

- 14 Compact HMI (GP4100)

Specification		Simple			Complex	Linemanagement	Outdoor
		 GP4100	 ST6000	 GP4000	 SP5000	 PS5000	 SP5000X
Software		GP-Pro EX	BLUE	GP-Pro EX	GP-Pro EX	BLUE Open Studio	GP-Pro EX
Visualization	Size	4"w	4"w,7"w, 10"w, 12"w, 15"w	3.5", 5.7", 7.5", 10.4", 12.1" 7"w	10.4", 12.1", 15.0" 7"w, 10"w, 12"w, 15"w, 19"w	12.1", 15" 10"w, 12"w, 15"w, 19"w, 22"w	7"w, 12"w, 15"w
	Display quality (Resolution, color)	++	++	+	++	+++	+++++ (Sunlight readable)
	Performance	Standard	Standard	Standard	High	High	High
Operation	Touch operation	+	+	+	++	+++	+
Connectivity	IT (Ethernet)	0 or 1	2	1	2	2	2
	OT (Serial, USB, Fieldbus)	+	++	++	+++	+++	+++
	I/O	No	No	No	Yes (Option)	Yes (Option)	Yes (Option)
	Data backup operation	+	+	++	++	+++	++
Data handling	Storage	0	SD (Build-in)	0 or SD x 1	SD x 1 or SD x 2	HDD/SSD x 1	SD x 2
Environment	Environment resistance	+	+	+	++	+	+++
	Certification (Haz Loc, ATEX, Marine)	+++	+	+++	+++	++	++
	Integrate Windows Apps	No	No	No	Yes (Only SP-5B41)	Yes	Yes
Features	Remote Monitoring	Yes (Only GP-4114)	No	Yes	Yes	Yes	Yes
	Remote connection service	No	Yes	Yes	Yes	Yes	Yes
	IT connection (OPC, MQTT, Email, etc)	+	+++	++	++	++++	++



website



video



manual



datasheet



CAD



software

Outdoor HMI

SP5000X Series



An outdoor HMI that is visible under sunlight, and resists extreme environment

We have created a sunlight readable screen that is resistant to direct sunlight and extreme temperatures. With an enhanced information display unit and improved operability, this product is suitable for multiple applications under harsh environmental conditions including use in special purpose vehicles such as firetrucks and construction equipment, parking lots and gas stations; and the oil and gas industry.

Extreme

01 Sunlight Readable



No Plastic overlay

Anti-glare

Glass touch sheets

High brightness liquid crystal panel

High brightness liquid crystal panel

High brightness liquid crystal panel (1000cd/m²)

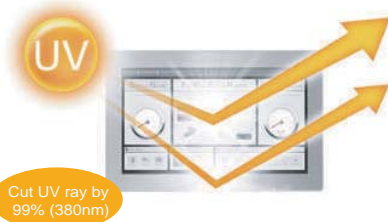
Anti-reflection (Anti-glare)

Improve visibility in sunlight by decreasing glare.

High-transmittance design

The liquid crystal display uses a glass touchscreen to improve transmissivity.

02 Robustness



Cut UV ray by 99% (380nm)

UV Protection

Improve UV protection and prevent deterioration by replacing plastic components that are exposed to sunlight with metal or glass.



Improve longevity

Full Coating

Improve the longevity of the product even when used in outdoor environments with dust and extreme temperatures by adding coating on the substrate, LCD, and power source components.

03 Environmental Resistance



Sufficient against Vibration/Shock

We do apply IEC60068-2-6 or IEC60068-2-27 in stead of IEC61131-2 test which is typically used for factory automation devices. Because they are more suitable for earth moving machines, or generators or compressors which use engines to operate machines.

* Display Module : 7" w and 12" w: 2G / 40G, 15w: 1G / 15G
Box Module : follow the connected Display Module.



Operating temperature: -30°C to 70°C

Can be used in harsher environments without the need for anti-frost heaters or fans and cooling systems.

* Display Module : 7" w: -30 to 68°e, 12W: -30 to 70°, 15" w: -20 to 60°c
Box Module : follow the connected Display Module.



Dust and waterproof

Compatible with IP66F, IP67F, Type 4X (indoor and outdoor use) allowing for use in harsh outdoor conditions.

04 Maintainability

Battery-less



Application



Modular structure that is easy to maintain

It is possible to replace the exposed display without changing the whole unit. The box is designed with the application pre-installed and can be used immediately upon changing components. Changes can be made quickly and easily without the need of a PC, optimizing time and resources.

05 IoT Solution



Data collection and remote maintenance

Collect data remotely from a PC such as error history and operation status, outcome, and history. It is also possible to access the HMI, verify the operation status, and conduct maintenance remotely via PC or tablet.

Display Module



SP-5790WA

15" wide



SP-5690WA

12" wide



SP-5490WA

7" wide

	SP-5790WA	SP-5690WA	SP-5490WA
Model	PFXSP5790WA / PFXSP5790WADF0H	PFXSP5690WA / PFXSP5690WADF0H	PFXSP5490WA ; PFXSP5490WADF0H
Display type	TFT Color LCD (High brightness)		
Display size	15.6" wide	12.1" wide	7" wide
Resolution	1,366 x 768 pixels (FWXGA)	1,280 x 800 pixels (WXGA)	800 x 480 pixels (WVGA)
Display colors	262,144 colors		
Backlight	White LED (Not user replaceable. When replacement is required, contact customer support.)		
Touchpanel lifetime	1,000,000 times or more		
Rated input voltage	12...24 Vdc		
Power consumption	Max. 48 W	Max. 37 W	Max. 29 W
Ambient air temperature	-20 to 60 °C (-4 to 140°F)	-30 to 70 °C (-22 to 158 °F)	-30 to 65 °C (-22 to 149°F)
Dust	0.1 mg/m ³ (107 oz/ft) or less (non-conductive levels)		
Pollution grades	3 for front face, 2 for other sides		
Corrosive gases	Free of corrosive gases Harsh environment model (Model numbers ending with "F0H") : IEC/EN 60721-3-3 Class 3C3		
Atmospheric pressure (operating altitude)	800 to 1,114 hPa (2,000 m [6,561 ft] or lower)		
UV (resistance side)	Cutoff: 99% or more (380 nm)		
Vibration resistance	IEC 60068-2-6 compliant 5 to 9 Hz Single amplitude 3.5 mm (0.14 in) 9 to 180 Hz Fixed acceleration: 9.8 m/s ² X, Y, Z directions for 10 cycles (approximately 100 minutes) IEC 61372: 1999 (Category 1, Class B) 5s≤f≤150 Hz (weight < 500 kg; f1=5 Hz, f2=150 Hz) acceleration: Up and down: 7.80 m/s ² , Right and left: 3.50 m/s ² , Back and forward: 5.50 m/s ²	IEC 60068-2-B6 compliant 5 to 9 Hz Single amplitude 7 mm (0.28 in) 91 to 150 Hz Fixed acceleration: 19.8 m/s ² X, Y, Z directions for 10 cycles (approximately 100 minutes) IEC 61373: 1999 (Category 1, Class B) 5s≤f≤150 Hz (weight < 500 kg; f1=8 Hz, f2=150 Hz) acceleration: Up and down: 7.80 m/s ² , Right and left: 3.50 m/s ² , Back and forward: 5.50 m/s ²	
Shook resistance	IEC 80088-2-27 compliant 147 m/s ² , 11 ms, X, Y, Z directions for 3 times	IEG 60068-2-27 compliant 392 m/s ² , 11 ms, X, Y, Z directions for 3 times	
Electronic fast transient/burst immunity	IEC 61000-4-4 / 2 kV: Power port / 1 kV: Signal ports		
Electrostatic discharge immunity	Contact discharge method: 6 kV Air discharge method: 8 kV (IEC/EN 61000-4-2 Level 3).		
Structure	IP66F, IP67F, Type 4X (indoor and outdoor use), Type 12, Type13		
External dimensions	408 x 264 x 68 mm (16.06 x 10.39 x 2.68 in)	308.5 x 230.5 x 68 mm (12.15 x 9.07 x 2.68 in)	203. x 148.6 x 37 mm (8.02 x 8.85 x 1.45 in)
Front bezel materials	Aluminum die-cast / Stainless steel		



The Modular Design of the SP500X

Box Module



SP-5B90

	SP-5B90
Model	PFXSP5B90 / PFXSP5B90F0H
Application Memory	Screen Size: 64 MB
Backup Memory	NVRAM 320KB
Interface	RS-232C / 422 / 485 x2, Ethernetx 2, USB (Type A) x 2, USB (mini B) x 1, SD Card Slot (System) x 1, SD Card Slot (Storage) x 1, Speaker Output x 1, Alarm Quiput or Buzzer Output x 1
Expansion unit	Fieldbus Unit x 1 (PROFIBUS / J1839 / CANopen / FLEX NETWORK)
Connectable Devices	4



website



video



manual



datasheet



CAD



software

Basic HMI

ST6000 Series

Achieve a high level of visualization with the new basic HMI

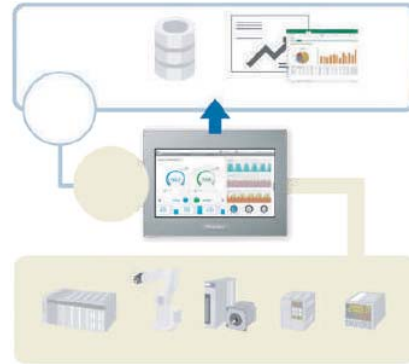
The ST6000 series brings a new level of visualization to the Basic HMI market which no other basic product has accomplished.



New Visualization

Connected & Secured

Seamless and secured connectivity with various devices to enhance their flexibility and increase value.



	ST-8700WA	ST-6800WA	ST-B500WA.	ST-6400WA.	ST-6200WA
Model No	PFXST6700WAD. PFXST6600WAD. PFXST6500WAD. PFXST6400WAD. PFXST6200WAD.				
Display	15.8" Wide (1,366 x 768)	12.1" Wide (1,280 x 800)	10.1" Wide (1,024 x 600)	7.0" Wide (800 x 480)	4.3" Wide (480 x 272)
Touch Panel	16M colors White LED 16 level brightness control Type : Resistive film (analog). Service life : 1,000,000 times or more				
Related	RS-232C x 1 RS-422 / 485 x 1 Ethernet x2 USB(Type A)x 1 USB(micro-B) x 1			RS-232C / 422/486 x 1 Ethernet x 1 USB(Type A) x 1 USB(micro-B) x 1	
Input voltage	24 Vdc				
Structure	IP65F				

Basic Web HMI

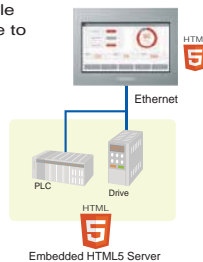
STW6000 Series

Many industrial automation devices support HTML5, which can be displayed on PGs, tablets, and smartphones. As a Web HMI, STW6000 can easily display HTML5 data from multiple devices. We are the HMI specialist, and the superior quality display, maintainability and robustness of our Web HMI meets the needs of simple machine applications for factory automation.



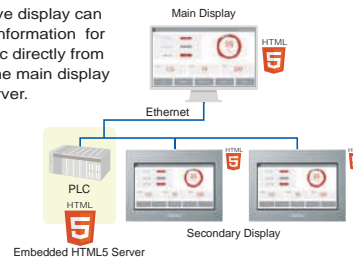
Main Display

Main display for simple machine is alternative to basic terminal.



Secondary Display

Secondary cost effective display can also visualize small information for maintenance-diagnostic directly from PLC Servers or from the main display if it embeds its own server.



	STW-6700WA	STW-6600WA	STW-6500WA	STW-6400WA	STW-6200WA
Model No	PFXSTW6700WAD	PFXSTW6600WAD	PFXSTW6500WAD	PFXSTW6400WAD	PFXSTW6200WAD
Display	15.6" Wide (1,366 x 768)	12.1" Wide (1,280 x 800)	10.17 Wide (1,024 x 600)	7.0" Wide (800x480)	4.3" Wide (480 x 272)
Touch Panel	16M colors White LED 16 level brightness control Type: Resistive film (analog). Service life: 1,000,000 times or more				
Related	Ethernet 1 & Ethernet2 with switch function : IEEE802.3i / IEEE802.3u, 10BASE-T / 100BASE-TX USB : Type A x 1 (HOST)			Ethernet : IEEE802.3i / IEEE802.3u, 10BASE-T / 100BASE-TX x 1 USB : Type A x 1 (HOST)	
Input voltage.	24 Vdc				
Structure	IP85				

High-Performance HMI

SP5000 Series



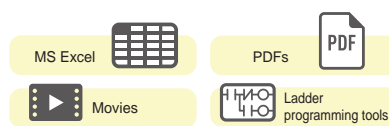
Flagship model achieving high performance and robust network security

The SP5000 series is an HMI that provides information quickly and efficiently, and promotes "smartification" of your factories.

Flagship

01 Manage more information in various forms

Fully compatible for direct use with Windows applications, the SP5000 can handle materials, such as manuals and error codes, without conversion.



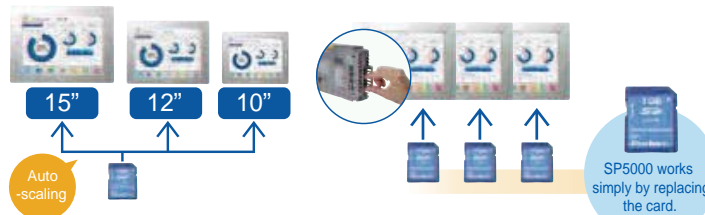
No need to bring PC for debugging and JOB reprogramming

Able to use ladder programming tools...



02 Simple activation by inserting cards

Display data is scalable to fit multiple sizes of monitors, which can be applied to new equipment for mass production. There is no need for on-site data transfer, because SP5000 models are activated when the SD card is inserted.

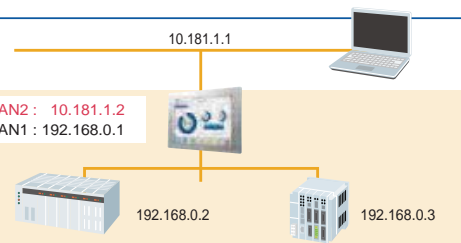


This is a time-efficient way to carry out on-site troubleshooting.



03 Network segmentation

All displays of SP5000 series have two Ethernet I/F ports as standard. The IP address is changed on the SP5000 at delivery



And more...

Cost Reduction and Equipment Improvement with I/O expansion.

Using the option allows you to connect equipment that requires simple control + HMI, additional I/O expansion and remote I/O expansion.



Standard HMI

GP4000series



Standard

Varied and flexible lineup satisfying customers needs

Combines abundant functions with a broad line-up of versatile models to meet the specific needs of every customer.

01 Widest line-up in the Pro-face brand

From classic to unique, we offer a wide range of choices to meet any application.



02 Compatible with our legacy models



Data in GP-PRO/PBIII for Windows or later is convertible using project converter. Smooth transition to the latest models.



USB expansion options unique to Pro-face

Reduce excess inventory of indicator lights

EZ Tower Light

Model:PFXCZCETWHA1 (tube mounting with fixing plate)
Model:PFXCZCETWW1 (base mounting)

With this single model, multiple colors and sounds can be set. Capable of indicating the state of equipment.



LED lamps adaptable to various types of setting

Configuration from HMI
4 colors (red, green, blue, and yellow)
and 8 modes (off, on, and blink)
Number of lamps: 3
Buzzer patterns: 4

Combining switch and lamp

EZ Illumination Switch

Model:PFXCZCEUSG1

Improve visibility with 6-color illumination. Reduce man-hours for control panel installation and wiring



LED light switches accept a wide range of settings

Configuration by HMI design software
6 colors (red, green, blue, yellow, white, and orange)
and 3 modes (off, on, and blink)
Protection structure IP65 (front face where panel is embedded)
MountL: 22Φ circular mounting hole

Work-saving for inputting repeated values

EZ Numpad

Model:PFXCZCOEUKB1

Reduces screens needed for value input

- Alphanumeric and customizable function keys (Set by HMI design software)
- Protection: IP65
- Mount: 22Φ circular mounting hole.



Even more improved security

EZ Fingerprint Recognition Unit

Model:PFXCZoCEUSS1

Prevents spoofing by changing from ID / PW to fingerprint authentication! Combination with operation logs enables accurate tracking of access.

- Register up to 100 people
- Protection: IP65
- Mount: 22Φ circular mounting hole
- Error rate: 0.1% or less



Adding second LAN port with independent IP address

EZ LAN Adapter

Model:PFXCZCEUUE1

The GP4000 series also allows you to securely set up a network.

- Same functions as built-in LAN port
- 10BASE-T / 100BASE-TX
- Limited to GP4000 standard models



Also can be used with Pro-face products other than GP4000 series.

Touch PLC

LT4000M series

Hybrid display with control function

Since the release of the world's first controller with display (CGP model) in 1998, our products have gained a reputation for enabling customers to save space as well as equipment costs.

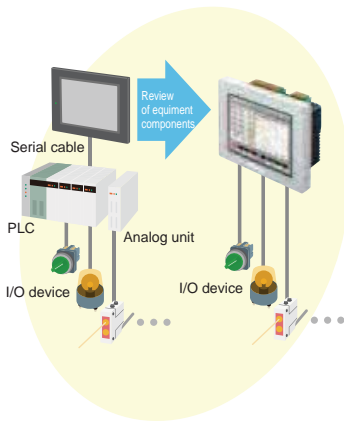
5.7"

3.5"

Flexible

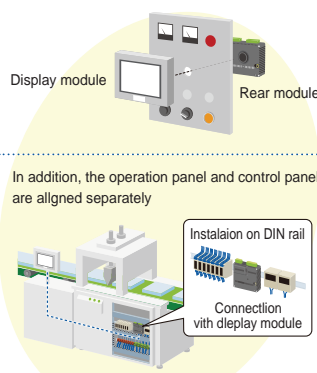
01 Simple design withOut PLC

Connectivity with a range of devices



02 Easy to create control panels

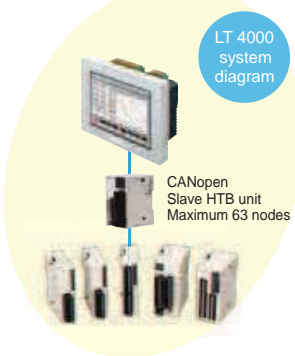
Easily retrofittable, requiring only 22Φ circular mounting holes



Product Name	Length	Model
Display module	3m	PFXZ X MA DSM31
/Rear module separation cable	5M	PFXZ X MA DSM51

03 Create systems with reduced wiring using remote I/O.

Compatible with European standard CANopen. Communicate with CANopen compatible slave units with LT as master



Model	LT-4301TM		LT-4201TM	
	PFX LM4301TA DD*	PFX LM 4301TA DA*	PFX LM 4201TA DD*	PFX LM4201TA DA*
Display Size	5.7"		3.5"	
Rated Input Voltage	24Vdc			
Control	DIO	AIO+DIO	DIO	AIO+DIO
Resolution	320 x 240pixels (QVGA)			
Touch Panel Type	Resistive Film (analog)			
Application Memory	16M B			
Backup Memory	NVRAM 128KB			
Logic program area	FLASH EPROM 132KB			
Variable area	NVRAM 64KB			
Interface	RS-232C/485 x 1 Ethernet x1 USB(Type A) x 1 USB(mini B) x 1 CANopen (Master) x 1			
Structure	IP65F			
External Dimensions	Display Module:W163 x H129.4 x D17.5mm(W6.42 x H5.09 x D0.69 in.) Rear Module:W128 x H108 x D60.15mm(W5.03 x H4.25 x D2.36 in.)		Display Module:W97.6 x H80 x D16.2mm(W3.8 x H3.1 x D0.63 in.) Rear Module:W128 x H108 x D60.15mm(W5.03 x H4.25 x D2.36 in.)	
Panel Cut Dimensions	Φ22.5mm			
Connectable Devices	4			
Built-in DIO (Output)	20 points (configurable 2 x High Speed counter/Pulse catch or 1 Up/Down High Speed Counter)	12 points (configurable 2 x High Speed counter/Pulse catch or 1 Up/Down High Speed Counter)	20 points (configurable 2 x High Speed counter/Pulse catch or 1 Up/Down High Speed Counter)	12 points (configurable 2 x High Speed counter/Pulse catch or 1 Up/Down High Speed Counter)
Built-in DIO (Input)	12 points (configurable 2 x PWM/Pulse)	8 points (configurable 2 x PWM/Pulse)	12 points (configurable 2 x PWM/Pulse)	8 points (configurable 2 x PWM/Pulse)
Built-in AIO (Output)	0 points	4 points (Voltage/Current x2 - Temperature input x2 included)	0 points	4 points (Voltage/Current x2 - Temperature input x2 included)
Built-in AIO (Input)	0 points	2 points (Voltage/Current x2)	0 points	2 points (Voltage/Current x2)

Industrial PC

PS5000 series



IPC with highest level of performance in the industry.

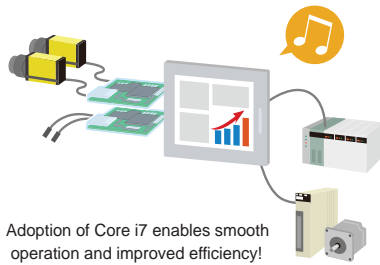
20 years after releasing the world's first industrial computer, a new model is available with the highest level of performance and reliability in the industry. Two types are available for different applications. Combined with Pro-face software, we can provide solutions beyond 50 the boundaries of the standard IPC.

Powerful Solution

01 High Performance

The PS5000 series achieves a 280% performance increase compared to conventional models. It also demonstrates its power when used with high-spec equipment that requires high-speed processing.

For machines requiring high performance and high accuracy...



Adoption of Core i7 enables smooth operation and improved efficiency!



PS5000 is a Microsoft Azure certified device.
Please contact us regarding supported models.

02 Integration with software for IoT

A wide range of software applications is available to easily gather and utilize any data to be visualized among various sources (big data).

Pro-face Remote HMI
Monitor the situation of the entire facility from remote locations.



Pro-Server EX



Automatically collect field data from MS Excel without programming!

Pro-face Remote HMI Server



PS5000 series

BLUE Open Studio

Display and analyze on-site data collected at high speed



03 Reliable operation

Remote System Status Monitoring and Control



CPU load percentage, temperature, memory, S.M.A.R.T., etc.

Power shutdown is also possible with smartphone

Fanless models for all devices



There is no need to change the fan on a regular basis, thus reducing maintenance costs and management effort.

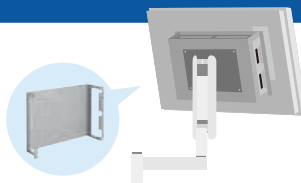
HDD mirroring



Convenient hot-swapping for HDD replacement (When using soft mirroring)

VESA installation

Options to install VESA arms are available. No need to produce or buy separate housing.



Flexible installation without panel

Several options are available to fit the required interface. Choose from options such as Gigabit Ethernet, DIO and serial for even more functions.



Multi-Converter



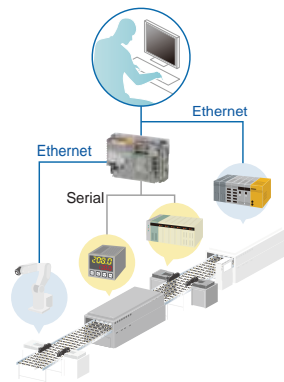
Step Towards IoT

A multi-converter that offers a solution for data collection, connecting to a wide variety of equipment as well as PLC

Smart Gateway

01 Merge data from different devices

Unify protocols and collect data efficiently



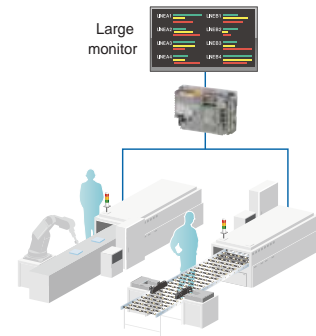
02 Tablet-based on-demand HMI

See status of equipment or devices in the right place at the right time.

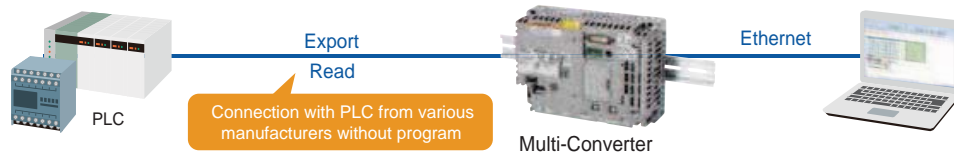


03 HMI for ANDON (Large-size monitor)

Optimize work by sharing production status.



04 Easily collect PLC data by network or USB memory



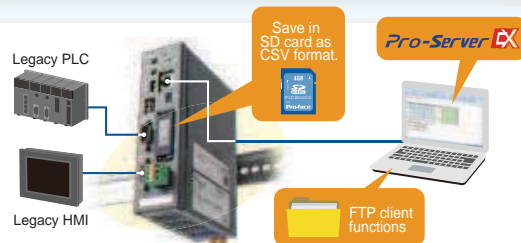
Base module	PFXSP5B41	PFXSP5B10	PFXLM4B01DAC PFXLM4B01DAK PFXLM4B01DDC PFXLM4B01DDK	PFXGM4B01D
Adapter	PFXZCDAEXP1		PFXZXMADSA1	

FANUC limited model(Model:PFXLM4B01DAKFF) Is available. Data collection from CNC of old machines.

Data collection device

Pro-face IoT Gateway

Even if the serial communication I/F is occupied, data can be collected by relaying between devices. Connectable without changing the program of the HMI and PLC. Data can be collected while maintaining communication of old devices.

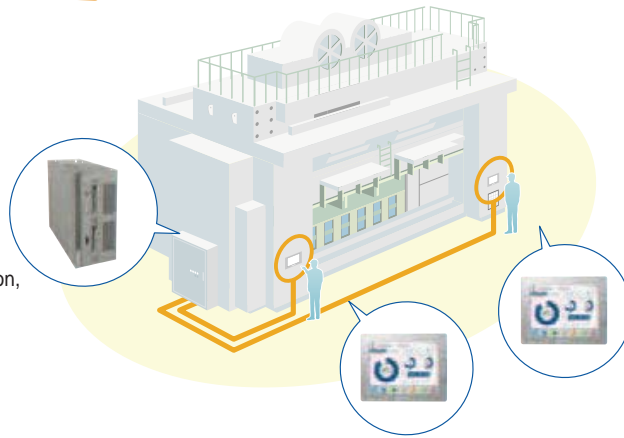


For checking in multiple places

For separating from BOX PC (5m, 100 m)

Screens can be expanded with FA specifications for displays, industrial computers and personal computers.

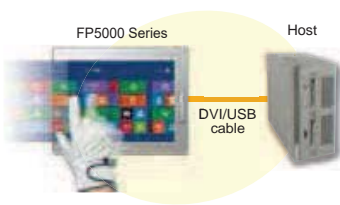
As embedded displays with industrial specification, 3 types of DVI-D/Display Port/Ethernet connection are available. In addition, acquisition of overseas standards and installation of VESA are applicable.



Flat Panel Monitors FP5000 series

Industrial flat panel display with high environmental resistance that allows multi-gesture even when wearing gloves.

- Replaceable from FP3000 series
- Automatic scaling functions
- Windows XP compatibility

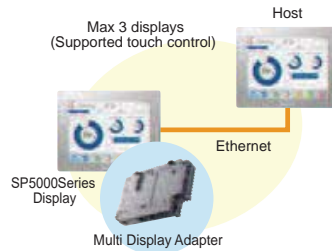


	FP-5700TPD	FP-5800TPD
Model	PFXFPB700TPD	PFXFPS600TPD
Display Size	15"	12"

Hi-Performance HMI SP5000 Multi Display Adapter

Expansion unit for using the SP5000 series display as an Ethernet flat panel display.

- Connectable up to 100 meters with one Ethernet cable
- Support both duplicate and extended mode, a touch operation exclusive control

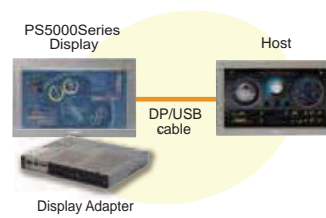


	Multi Display Adapter
Model	PFXZCDADEXR1

Industrial PC PS5000 Display Adapter

Extension unit for the SP5000 displays allowing you to add a high-quality, glass front display to a SP5000 host.

- Lineup with up to 22 wide type
- Compatible to full HD TFT (1,920 x 1,080 pixels)



	Display Adapter
Model	PFXZPPDADDP2

	FP5000 Series	SP5000 Series Display + Multi Display Adapter		PS5000 Series Display + Display Adapter	
Touch Panel Type	Resistive Film (Analog)	Capacitive (5 simultaneous touch)	Resistive Film (Analog)	Capacitive (5 simultaneous touch)	Resistive Film (Analog)
Size	15" / 12"	19"wide / 15"wide	15" / 12"wide / 12" / 10"wide / 10" / 7"wide	22"wide / 19"wide / 15"wide / 12"wide	15" / 12"
Host	PS5000 / PS4600 / PE4000B / SP5000 Open Box (SP-5B41) / General-purpose PC	SP5000 Open Box (SP-5B41) / PS5000 / PS4600 / PE4000B / General-purpose PC		PS5000 / General-purpose PC	
OS	WinXP (32 bit), WES2009 Win7 (32/64bit), WES7 Win8 (32/64 bit) Win8.1 Industry (64 bit)	Win7 (32/64bit), WES7 (64 bit) Win8 (32/64 bit) Win8.1 Industry (64 bit)		Windows10 IoT Enterprise 2016 LTSC (64 bit) Win7 (32/64 bit), WES7 (64 bit) Win8.1 Industry (64 bit)	
Video	DVI-D	Ethernet		Display Port	
Touch Panel Type	USB (Type B)			USB (Type B)	
Distance to connect	5m (16ft.)	100m (328ft.)		5m (16ft.)	
Rated Input Voltage	12...24Vdc	12...24Vdc		100...240Vac (Option) / 24Vdc	
Surrounding air temperature	0...60°C	0...60°C		0...55°C	



Versatile Software

Revolutionary new software, BLUE offers an alternative experience in hardware design. Anyone can easily create and change dynamic screens that allow for gesture operation. BLUE provides a ground-breaking versatile design style.

Screen editor software



Standard screen editor software

Enables HMI screen and logic programming. Screen customization can be performed with ease due to many functions that promote compatibility with legacy applications and reduce development time.

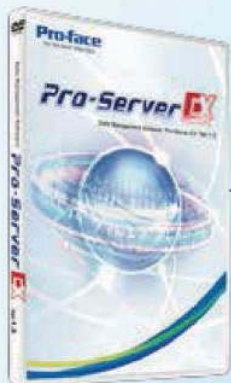
BLUE Line Management Lite SCADA Open Studio



Flexible Software

Pro-face BLUE Open Studio is a development and runtime software that incorporates all of the tools users need to create SCADA HMI applications, dashboards and OEE interfaces.

Data management software



A simple way to start networking to enhance the communication between the office and the manufacturing site.

Real-time visualization and analysis of data from production sites. Remote machine monitoring and transfer of work instructions to increase efficiency between the production site and the office.