

smart



Connecting information and people
for optimal communication

SMART PORTAL

With increasingly sophisticated machine performance; production management and predictive maintenance utilizing operation data; and the growing popularity of the cloud, big data is coming to the manufacturing shop floor.

Pro-face has realized unprecedented connectivity in the new SMART PORTAL, creating a new interface designed firmly with the future in mind. The SP5000 series allows a huge variety of data to be downloaded to SMART PORTAL and transmitted in an optimal format to those who need it.

SMART PORTAL connects information and people for optimal communication

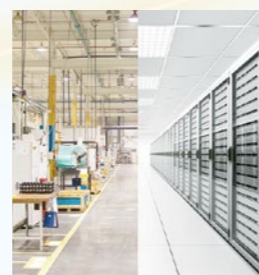


Valuable information in the right format



Having more information is not necessarily better than having less. Value is created when the right information reaches the right people in the right format.

Bring your factory closer to your office



By segmenting the network, SMART PORTAL makes it possible to connect factories and offices while ensuring the highest security.

Simple to use —any time, any place



Overseas production and the diversification of market needs have increased the need for efficient machine setup and maintenance.

Check out the Movies

These movies will give you more information about SMART PORTAL concepts and benefits.



SMART PORTAL links two previously separate worlds



HMI RELIABILITY >>>
 Communicate real-time with a range of control devices, and collect data at high speed.

<<< **IPC VERSATILITY**
 Utilize Windows applications to deal with alarms or maintenance.

Accurately convey vital information in the right way at the right time.

Case 1 High performance HMI

Provide real-time response

Improves rendering performance and achieves real-time response. With high-speed processing ensuring high-speed rendering, SMART PORTAL replaces devices that have suffered from unsatisfactory response speed in the past.

Case 2 Application PC

Use as a built-in application PC

SMART PORTAL can be used in environments where PCs have been built into machines to allow the use of Windows applications. Dedicated apps can be used on the SMART PORTAL.

Case 3 Maintenance PC

Use as a maintenance PC

Manuals and all kinds of development tools can be saved in SMART PORTAL. There is no need to take a PC down to the factory every time maintenance work needs to be done.

Case 4 Data Collection PC

Use as a data collection PC

Separate IP addresses can be allocated for SMART PORTAL's two Ethernet ports. A network with the highest security can be built between the office and the factory. In addition, collected data can be stored on NVRAM to protect from data loss.

Display × Box module design provides flexible functionality and size

- With a selection of six displays and two boxes available, there are twelve SMART PORTAL combinations to choose from.
- Modular design allows the display to be attached to and detached from the box, making it possible to replace only parts that need replacing

Premium Display 15" 12" 10"

High performance display supports multi-touch operation and provides brightness sensor and auto-scaling.

Model No.	15"	SP-5700TP
	12"	SP-5600TP
	10"	SP-5500TP

Auto Scaling

A single screen data works on three sizes of premium displays for smooth management of mixed product lines.



Integrated Mounting Bracket

Integrated mounting bracket does away with the need for separate optional accessories every time setup or maintenance work is conducted.



12
COMBINATIONS

Advanced Display 12" Wide 10" Wide 7" Wide

The wide-screen display can display a large amount of information.

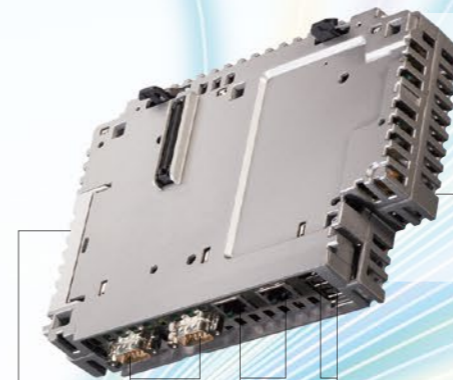
Model No.	12" Wide	SP-5600WA
	10" Wide	SP-5500WA
	7" Wide	SP-5400WA



Open Box

Able to run a variety of Windows applications on WES7. (equipped with HMI Runtime standard)

Model No. SP-5B40



- Back Side Interfaces
- Serial x2
 - Ethernet x2
 - USB (Type A) x2
 - USB (mini-B) x1
 - USB (Type A) x1
 - DVI-D x1
 - AUX x1
 - AUDIO Input x1

CFast/ SD Card Slot

Set up screens by simply inserting a CFast (Open Box) or SD card (Power Box). No need for a separate PC.



Power Box

Solid box achieves high-speed processing and fast display.

Model No. SP-5B10



- Back Side Interface
- Serial x2
 - Ethernet x2
 - USB (Type A) x2
 - USB (mini-B) x1
 - AUX x1

Further extend functionality

HMI Screen Editor and Logic Programming Software

GP-Pro EX



Intuitive operation reduces development time required for screen creation.

Remote Monitoring Software for Mobile

Pro-face Remote HMI



Display and operate the factory via a tablet or smartphone.

USB Solutions EZ Series



Extend functionality simply via a single USB cable.

Pro-face

for the best interface

We are always striving to bring you the high quality interface designed to provide a cohesive, evolving connection between customers and high quality products, service and support from around the world.

All eyes on the customer make us "the best interface"

intimacy

Connect intimately with our customers and stakeholders

interaction

Enhance customer experience through positive interaction

innovation

Provide benefits to our customers through innovation

WARNING

HAZARD OF OPERATOR INJURY, OR UNINTENDED EQUIPMENT DAMAGE

Before operating any of these products, be sure to read all related manuals thoroughly.

Failure to follow these instructions can result in death, serious injury or unintended equipment damage.

- For printing purposes, the colors in this catalog may differ from those of the actual unit.
 - Actual user screens may differ from the screens shown here.
 - Electric equipment should be installed, operated, serviced, and maintained only by qualified personnel.
 - All product names used in this catalog are the registered trademarks or trademarks of their respective companies.
 - All information contained in this catalog is subject to change without notice.
- No responsibility is assumed by Digital for any consequences arising out of the use of this material.

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