SIEMENS

HMI STARTER KITS – We make it easy

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The SIMATIC HMI Comfort Panels are the first choice for solving complex HMI applications.

They feature state-of-the-art technology, outstanding performance as well as integrated functionality and come in high quality aluminum fronts from size 7" or larger.

SIMATIC HMI Comfort Panels are seamlessly integrated in the TIA Portal via WinCC. This innovative engineering framework represents the key to the full performance capacity of Totally Integrated Automation

Comfort Panels Standard	Comfort Panels PRO	Comfort Panels INOX	Comfort Panels Outdoor	SIPLUS Comfort Panels

SIMATIC HMI Comfort Panels - Standard devices

All devices of the SIMATIC HMI Comfort Panel family are characterized by the same outstanding range of functions regardless the chosen size of the device.

Choose among 6 Touch Panels with display sizes from 7 to 22 inch, 5 Keypanels with display sizes from 4 to 15 inch and one combined Key/Touch device with a 4 inch display.
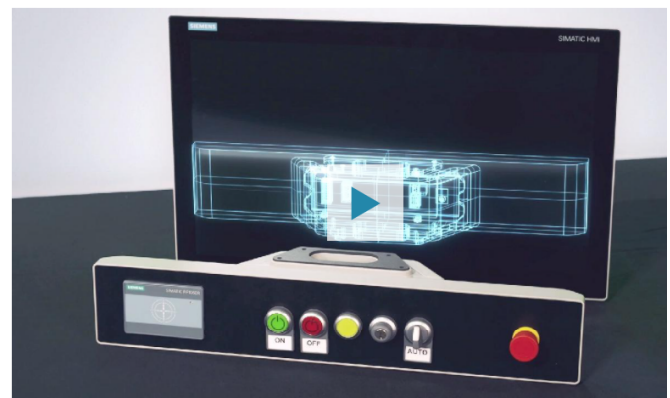
SIMATIC HMI Comfort Panels PRO - Completely IP65-protected HMI devices

Siemens has extended its system range of completely IP65-protected HMI devices by SIMATIC HMI Comfort Panels PRO (PROtected) for visualization and automation without control cabinets.

The panels with 12-, 15-, 19-, and 22-inch screen diagonals are equipped with the high protection type IP65, just like the PRO devices in the Simatic IFP and IPC series. Thanks to high performance and functionality and numerous integrated interfaces, they offer the greatest possible convenience for high-end applications and are especially suited for realizing powerful visualization tasks in machine-related areas.

With the benefit of the flexible installation options – directly on the machine through special adapters, on a supporting foot, or on a bracket system – the user can easily operate the panels and always has the perfect view of both the panel and the process.

Components that can be installed on the PRO devices – consisting of basic device, expansion component, installation adapter, optional keyboard, and keyboard tray – now offer even more operation options. With customized system solutions with standard components, they make trouble-free adjustments to individual customer desires possible and convince with their simple installation and commissioning, easy engineering, and efficient operation.

In the video "Making of SIMATIC HMI Comfort Panel PRO", Siemens professionals tell the story behind the PROtected device series, from the initial idea and development of the prototypes, through the high-quality serial production and up to the first successful applications. Real added value and satisfied customers. Take an exclusive look behind the scenes!

SIMATIC HMI Comfort Panels INOX and INOX PCT

Comfort Panels with touch screens and stainless steel fronts are designed for operator control and monitoring of food processing machines in the food, beverages and tobacco industry as well as in the pharmaceutical industry, fine chemicals and in other hygiene areas.

They are based on DIN EN 1672-2 "Food processing machinery – Safety and hygiene requirements". The optimized frame profile and almost flush-mounting of the device on the control cabinet allow liquids to run off.

INOX PCT devices have a glass front and a projective capacitive touch sensor

Comfort Panels Outdoor - Extremely flexible for every outdoor application

The SIMATIC HMI Comfort Outdoor Panels have been developed specifically for demanding HMI applications under extreme ambient conditions. This makes operation and monitoring extremely flexible – for every outdoor area.

Whether in the oil and gas industry, on ships or in refrigerated warehouses: SIMATIC HMI Comfort Outdoor Panels, with 7- or 15-inch daylight readable widescreen display, provide everything you need for outdoor operation and monitoring.

SIPLUS variants of Comfort Panel Standard

In addition to the outstanding features of the SIMATIC HMI operator devices, the refined SIPLUS extreme variants offer:

- Resistance to aggressive chemical, biological, and mechanically active gases and salt mist

- Protected from condensation (ice formation is allowed!)

- High reliability across an extended temperature range, in the start-up phase as well as during operation

- Flexible adaptation to any application thanks to extended site altitude from –1000 to 5000 meters

- High productivity and investment protection through minimal downtimes and performance losses

Factory Automation Starter Kits

It's never been so easy to get started!

These promotional packages are designed for newly interested, qualified customers and contain everything needed to get started immediately.

SIMATIC HMI KTP400 Comfort

6AV2181-4DB20-0AX0

Hardware	Software
• SIMATIC HMI KTP400 Comfort Panel • SIMATIC HMI SD memory card 2GB • Ethernet cable • 10 protective foils	• SIMATIC WinCC Comfort (TIA Portal)
	Documentation
	• SIMATIC HMI Manual Collection

SIMATIC HMI KP400 Comfort

6AV2181-4DB10-0AX0

Hardware	Software
• SIMATIC HMI KP400 Comfort Panel • SIMATIC HMI SD memory card 2GB • Ethernet cable	• SIMATIC WinCC Comfort (TIA Portal)
	Documentation
	• SIMATIC HMI Manual Collection

SIMATIC HMI TP700 Comfort

6AV2181-4GB00-0AX0

Hardware	Software
• SIMATIC HMI TP700 Comfort Panel • SIMATIC HMI SD memory card 2GB • Ethernet cable • 10 protective foils	• SIMATIC WinCC Comfort (TIA Portal)
	Documentation
	• SIMATIC HMI Manual Collection

SIMATIC HMI KP700 Comfort

6AV2181-4GB10-0AX0

Hardware	Software
• SIMATIC HMI KP700 Comfort Panel • SIMATIC HMI SD memory card 2GB • Ethernet cable	• SIMATIC WinCC Comfort (TIA Portal)
	Documentation
	• SIMATIC HMI Manual Collection

SIMATIC HMI TP900 Comfort

6AV2181-4JB00-0AX0

Hardware	Software
• SIMATIC HMI TP900 Comfort Panel • SIMATIC HMI SD memory card 2GB • Ethernet cable • 10 protective foils	• SIMATIC WinCC Comfort (TIA Portal)
	Documentation
	• SIMATIC HMI Manual Collection

SIMATIC HMI KP900 Comfort

6AV2181-4JB10-0AX0

Hardware	Software
• SIMATIC HMI KP900 Comfort Panel • SIMATIC HMI SD memory card 2GB • Ethernet cable	• SIMATIC WinCC Comfort (TIA Portal)
	Documentation
	• SIMATIC HMI Manual Collection

SIMATIC HMI TP1200 Comfort

6AV2181-4MB00-0AX0

Hardware	Software
• SIMATIC HMI TP1200 Comfort Panel • SIMATIC HMI SD memory card 2GB • Ethernet cable • 10 protective foils	• SIMATIC WinCC Comfort (TIA Portal)
	Documentation
	• SIMATIC HMI Manual Collection

SIMATIC HMI KP1200 Comfort

6AV2181-4MB10-0AX0

Hardware	Software
• SIMATIC HMI KP1200 Comfort Panel • SIMATIC HMI SD memory card 2GB • Ethernet cable	• SIMATIC WinCC Comfort (TIA Portal)
	Documentation
	• SIMATIC HMI Manual Collection

SIMATIC HMI TP1500 Comfort

6AV2181-4QB00-0AX0

Hardware	Software
• SIMATIC HMI TP1500 Comfort Panel • SIMATIC HMI SD memory card 2GB • Ethernet cable	• SIMATIC WinCC Comfort (TIA Portal)
	Documentation
	• SIMATIC HMI Manual Collection

SIMATIC HMI KP1500 Comfort

6AV2181-4QB10-0AX0

Hardware	Software
• SIMATIC HMI KP1500 Comfort Panel • SIMATIC HMI SD memory card 2GB • Ethernet cable • 10 protective foils	• SIMATIC WinCC Comfort (TIA Portal)
	Documentation
	• SIMATIC HMI Manual Collection

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SIMATIC HMI TP1900 Comfort

6AV2181-4UB00-0AX0

Hardware	Software
• SIMATIC HMI TP1900 Comfort Panel	• SIMATIC WinCC Comfort (TIA Portal)
• SIMATIC HMI SD memory card 2GB	
• Ethernet cable	**Documentation**
	• SIMATIC HMI Manual Collection

SIMATIC HMI TP2200 Comfort

6AV2181-4XB00-0AX0

Hardware	Software
• SIMATIC HMI TP2200 Comfort Panel	• SIMATIC WinCC Comfort (TIA Portal)
• SIMATIC HMI SD memory card 2GB	
• Ethernet cable	**Documentation**
	• SIMATIC HMI Manual Collection

LOGO!8 230RCE

6ED10573BA020AA8

Hardware

- LOGO! 230RCE
- LOGO! Soft Comfort V8
- Screwdriver
- WinCC Basic
- In Systainer

LOGO!8 12/24RCE

6ED10573BA000AA8

Hardware

- LOGO! 12/24RCE
- LOGO! Soft Comfort V8
- WinCC Basic
- * Power Supply
- In Systainer

LOGO!8 12/24

6ED10573BA100AA8

Hardware

- LOGO! 12/24RCE
- LOGO! Soft Comfort V8
- LOGO! TDE
- Screwdriver
- WinCC Basic
- In Systainer
- Power Supply

LOGO!8 12/24V + KP300 Basic

6AV2132-0HA00-0AA1

Hardware

- LOGO! 12/24 RCE
- LOGO! Soft Comfort V8
- LOGO! Power
- WinCC Basic
- Ethernet cable
- SIMATIC HMI KP300 Basic mono PN
- In TANOS SYSTAINER

LOGO!8 12/24 + KTP400 Basic

6AV2132-0KA00-0AA1

Hardware

- LOGO! 12/24 RCE
- LOGO! Soft Comfort V8
- LOGO! Power
- WinCC Basic
- Ethernet cable
- SIMATIC HMI KTP400 Basic
- In TANOS SYSTAINER

LOGO!8 12/24 + KTP700 Basic

6AV2132-3GB00-0AA1

Hardware

- LOGO! 12/24 RCE
- LOGO! Soft Comfort V8
- LOGO! Power
- WinCC Basic
- Ethernet cable
- SIMATIC HMI KTP700 Basic
- In TANOS SYSTAINER

SIMATIC S7-1200

6ES7212-1BD34-4YB0

Hardware	Software
• SIMATIC CPU 1212C AC/DC/RLY • 8 position Digital Input Simulator • SIMATIC Industrial Ethernet TP Cord and more...	• SIMATIC STEP 7 Basic (TIA Portal
	Documentation
	• SIMATIC S7-1200 Manual on CD

SIMATIC S7-1200F Safety Basic

6ES7212-1HF41-4YB0

Hardware	Software
• CPU 1212FC DC/DC/RLY • SM1226 F-DI • SM1226 F-DO • Input Simulator • IE TP Cord 2m	• SIMATIC STEP Safety Basic (TIA Portal)
	Documentation
	• SIMATIC S7-1200F Manual on CD

SIMATIC S7-1200 + SIMATIC KP300 Basic

6AV6651-7HA01-3AA4

Hardware	Software
• SIMATIC CPU 1212C AC/DC/RLY • KP300 Basic mono PN • 8 position Digital Input Simulator • SIMATIC Industrial Ethernet TP Cord and more...	• SIMATIC STEP 7 Basic (TIA Portal)
	Documentation
	• SIMATIC S7-1200 Manual on CD

SIMATIC S7-1200 + SIMATIC KTP400 Basic

6AV6651-7KA01-3AA4

Hardware	Software
• SIMATIC CPU 1212C AC/DC/RLY • KTP400 Basic mono PN • 8 position Digital Input Simulator • SIMATIC Industrial Ethernet TP Cord and more...	• SIMATIC STEP 7 Basic (TIA Portal)
	Documentation
	• SIMATIC S7-1200 Manual on CD

SIMATIC S7-1200 + SIMATIC KTP700 Basic

6AV6651-7DA01-3AA4

Hardware	Software
• SIMATIC CPU 1212C AC/DC/RLY • KTP700 Basic HMI • 8 position Digital Input Simulator • SIMATIC Industrial Ethernet TP Cord and more...	• SIMATIC STEP 7 Basic (TIA Portal)
	Documentation
	• SIMATIC S7-1200 Manual on CD

SIMATIC S7-1500

6ES7511-1CK00-4YB5

Hardware	Software
• SIMATIC S7-1500, CPU 1511-1 PN • SIMATIC Memory Card, 4 MB • Digital input DI 16 x 24 VDC HF • Digital output DO 16 x 24 VDC / 0.5A ST • Front connector, Mounting rail (160 mm) • Power Supply PM1507 • Input: 120/230 VAC, Output: 24V/3A DC • Standard Ethernet CAT 5 cable, length 2m • Screwdriver	One Year, STEP 7 V14 PROFESSIONAL TRIAL365-LICENSE [1] [1] Full version valid for 365 days. During this time, all the functions of the full version are available – updates and service packs can also be installed. After the 365 days have expired, the trial software can no longer be used to develop PLC code, however all files created with the 365 day license remain fully functional and running. Further code development can be done upon purchase of a fully licensed copy of the TIA Portal.

Documentation

• Manuals
• Getting Started

> Siemens is the only manufacturer with a complete, scalable controller portfolio including fail-safe – all programmed with a single software – TIA Portal.

Machine level visualization with SIMATIC HMI

The perfect combination of Operator devices and Engineering Software

Equipment for monitoring and operator control is needed wherever people have to work with machinery and plants performing tasks A to Z. It is not difficult to find the right device for the specific task. The challenge is to find a solution that is future-proof and flexible, that can be integrated into higher-level networks, and that can also meet the ever-increasing demands for transparency and data provision. It's the interplay of excellent hardware even for requirements beyond standard applications and the HMI Software, Engineering SW as well as Runtime SW, that makes SIMATIC HMI the solution provider of your choice when you are looking for machine level HMI.

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