SIEMENS

Product overview for Mobile Panel

SIMATIC HMI Mobile Panels

Power and safety in your hands

The SIMATIC HMI Mobile Panels 2nd Generation with 4", 7" or 9" display and wired connection to PROFINET, transfer the functionality and performance of the SIMATIC HMI Comfort Panels to mobile HMI devices. The brilliant widescreen display in 16:9 aspect ratio with 16 million colors displays even complex process or plant pictures clearly and in great detail.

Portable HMI devices - wired or wireless - offer decisive advantages, regardless of industry or application, when mobility is required for operating and monitoring machines and plants on site. They are ideal for small machines with limited space.

http://www.siemens.com/mobile-panels

Highlights

High user-friendliness supports the implementation of demanding mobile applications

- 4", 7" or 9" widescreen display is continuously dimmable up to 100% and can be adapted to different environments.
- High-definition, bright and detailed picture in 16 million colors.
- Even complex operator screens or graphics can be displayed thanks to approx. 40% more available display area.
- Freely configurable F and K keys (e.g. for alarm system, recipe management, trend functionality, archiving or language switching).
- Function keys can be freely labeled and are illuminated by LEDs.
- Can be used in marine or shipbuilding applications thanks to certification according to ABS, DNV, GL, LRS and Class NK.

Space-saving and rugged design ensures flexibility in connection and mounting

- The connection box requires only one third of the space of the normal connection box (it is screwed onto the outside of the switch cabinet door and then completely wired from the inside).
- Space-saving design allows the device to fit anywhere, on the machine or plant.

Safety functions enable integration into safety applications

- Device versions with emergency stop and stop button on the top and enable button on the back of the device allow for flexible configuration of the safety solution.
- The emergency stop button is only enabled (and illuminated red) if the device is integrated into a safety circuit via the connection box.
- Devices support the evaluation of the safety elements via hard-wired safety relays (e.g. SIRIUS), fail-safe I/Os (e.g. SIMATIC ET 200) and PROFISAFE with fail-safe controllers of the SIMATIC S7 family (e.g. SIMATIC S7-1200F and S7-1500F).

USB interface enables configuration or recipe storage to be restored

- The Mobile Panels 2nd Generation have an integrated slot for a standard USB flash drive.
- When the sealing cap of the USB slot is closed, IP65 degree of protection is achieved.

Connection to PROFINET enables seamless integration into plant-wide automation

- Wired connection to PROFINET.

Engineering in TIA Portal results in quick and easy visualization

- With WinCC in the TIA Portal, operator screens can now be easily configured for both stationary and mobile applications or transferred at the push of a button.
- The HMI design can be easily integrated into the HMI device and centrally managed using the style editor.

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Mobile Panel	Compare technical specifications online

	Article number
SIMATIC HMI KTP400F Mobile	6AV2125-2DB23-0AX0
SIMATIC HMI KTP700 Mobile	6AV2125-2GB03-0AX0
SIMATIC HMI KTP700F Mobile	6AV2125-2GB23-0AX0
SIMATIC HMI KTP700F Mobile Arctic	6AV2145-6GB06-0AA0
SIMATIC HMI KTP900 Mobile	6AV2125-2JB03-0AX0
SIMATIC HMI KTP900F Mobile	6AV2125-2JB23-0AX0
SIMATIC HMI TP1000F MOBILE	6AV2145-6KB20-0AS0
SIMATIC HMI KTP700F Mobile HW	6AV2145-8GB00-0AA0
SIMATIC HMI KTP700F Mobile HW/OR	6AV2145-8GB01-0AA0

: Safety-related component

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