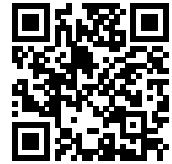# CP6900-0001-0010 | Economy built-in Control Panel with DVI/USB Extended interface

ⓘ Product status: Regular delivery

The CP6900 Economy Control Panel expands the IPC entry-level class by a built-in Control Panel with DVI/USB extended interface. The panel is designed for installation in the front of a control cabinet and has a 10.1-inch touch screen display. Ideally combined with the compact Embedded PCs from the CX series or the C6xxx Industrial PCs, this results in an inexpensive PC/panel system. The CP6900 is supplied with a 24 V power supply. The integrated DVI/USB Extended technology enables remote panel operation at a distance of up to 50 m from the PC. The optional C9900-G07x push-button extensions supplement the Control Panel with an emergency stop key and three push-button keys with signal lamp.

Flexible expansion options

The optional C9900-G07x push-button extensions supplement the CP6906 and CP6900 Economy Control Panels by an emergency stop button and three push-button keys with signal lamps.

Advantage at the very core: the Beckhoff Industrial PCs

Beckhoff is a pioneer in PC-based automation technology and has been developing and producing its own PC hardware since 1986. The technology know-how that has grown over the past decades is incorporated today into all Beckhoff Industrial PCs. Their principle feature is the use of state-of-the-art components and processors of the highest performance class. Combined with a high in-house production depth, including proprietary motherboard production, long-term component availability, extremely flexible configuration and customer-specific adaptations, Beckhoff presents itself today as one of the world's leading Industrial PC manufacturers.

Product information

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Technical data

Technical data	CP6900-0001-0010
Device type	Economy built-in Control Panel with DVI/USB Extended interface
Housing	aluminum front with sheet-steel rear cover
Display size/resolution	10.1" 1024 x 600
Touch screen	single-finger touch screen
Protection rating	front side IP54, rear side IP20
Connection technology	DVI-E and USB-E 2.0 enables to connect the Control Panel at a distance of up to 50 m to the PC. The DVI-E input is compatible to the standard DVI output of a PC. USB-E 2.0 transmits USB 2.0 with 480 Mbit/s.
Interfaces	RJ45 for USB-E 2.0, USB 2.0 input for the direct connection to the standard USB output of a PCs at a distance up to 5 m, DVI input, 2 x USB 2.0
Operating temperature	0...55 °C
Installation	pull-out clamping levers for fast installation without loose parts
Power supply	24 V DC

Options

Options	Economy built-in Control Panel CP6900-0001-0010 with DVI/USB Extended interface
C9900-T902	touch screen pen with wall holder for CP6xxx, C33xx and C36xx
C9900-K560	connecting kit 1 m for CP69xx, containing: 1 m DVI cable, 1 m USB cable
C9900-K513	connecting kit 3 m for CP69xx, containing: 3 m DVI cable, 3 m USB cable
C9900-K515	connecting kit 5 m for CP69xx, containing: 5 m DVI cable, 5 m USB cable
C9900-K625	connecting kit 10 m for CP29xx-0000, CPX29xx-0000 and CP69xx-xxxx-0010 including: 10 m DVI cable, 10 m Cat.5 cable for USB-E 2.0, USB-to-USB-E 2.0 converter CU8801 for mounting rail installation close to the PC and 1 m USB cable to connect the USB-to-USB-E 2.0 converter to the PC
C9900-K626	connecting kit 20 m for CP29xx-0000, CPX29xx-0000 and CP69xx-xxxx-0010 including: 20 m DVI cable, 20 m Cat.5 cable for USB-E 2.0, USB-to-USB-E 2.0 converter CU8801 for mounting rail installation close to the PC and 1 m USB cable to connect the USB-to-USB-E 2.0 converter to the PC
C9900-K627	connecting kit 30 m for CP29xx-0000, CPX29xx-0000 and CP69xx-xxxx-0010 including: 30 m DVI cable, 30 m Cat.5 cable for USB-E 2.0, USB-to-USB-E 2.0 converter CU8801 for mounting rail installation close to the PC and 1 m USB cable to connect the USB-to-USB-E 2.0 converter to the PC
C9900-K628	connecting kit 40 m for CP29xx-0000, CPX29xx-0000 and CP69xx-xxxx-0010 including: 40 m DVI cable, 40 m Cat.5 cable for USB-E 2.0, USB-to-USB-E 2.0 converter CU8801 for mounting rail installation close to the PC and 1 m USB cable to connect the USB-to-USB-E 2.0 converter to the PC
C9900-K629	connecting kit 50 m for CP29xx-0000, CPX29xx-0000 and CP69xx-xxxx-0010 including: 50 m DVI cable, 50 m Cat.5 cable for USB-E 2.0, USB-to-USB-E 2.0 converter CU8801 for mounting rail installation close to the PC and 1 m USB cable to connect the USB-to-USB-E 2.0 converter to the PC

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C9900-K777	connecting kit 1 m for CP69xx, containing: 1 m DisplayPort to DVI cable, 1 m USB cable
C9900-K778	connecting kit 3 m for CP69xx, containing: 3 m DisplayPort to DVI cable, 3 m USB cable
C9900-K779	connecting kit 5 m for CP69xx, containing: 5 m DisplayPort to DVI cable, 5 m USB cable
C9900-G072	Push-button extension for CP6x00 with landscape 10.1-inch display – push-button extension on the bottom side – 3 push-button keys with signal lamp, type RAFI RAFIX 22FS+, round, 30 mm – 1 emergency stop key, type RAFI RAFIX 22FS+ – Labels for push-button caps for individual marking of each push-button can be ordered as an option. – The emergency stop key is wired with two normally-closed contacts, the red push-button with one normally-closed contact and the remaining push-buttons each with one normally-open contact to a terminal row. – Additionally, all push-buttons are transmitted with a normally-open contact via USB. – The LEDs of the push-buttons are controlled via USB only.
C9900-G073	Push-button extension for CP6x00 with landscape 10.1-inch display – push-button extension on the bottom side – 3 push-button keys with signal lamp, type RAFI RAFIX 22FS+, round, 30 mm – 1 emergency stop key, type RAFI RAFIX 22FS+ – Labels for push-button caps for individual marking of each push-button can be ordered as an option. – The emergency stop key and the red push-button are wired each with two normally-closed contacts to a terminal row. The remaining push-buttons are wired each with two normally-open contacts to a terminal row. – The LEDs of the push-buttons are wired to a terminal row.

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