COMMANDKEYBOARD-ADVANCED CH-DE

KVM add-ons, Article number A3200123



The CommandKeyboard-Advanced is a central operator control device for integrated control room solutions and goes far beyond the functionality of a conventional keyboard. It combines touch-based operation, integrated processing power, and freely configurable control commands in a single device. Its integrated touch display can present flexible, context-sensitive user interfaces, including web UIs and native VuWall Dynamic Control interfaces. Thanks to its own system-on-chip computing unit, the CommandKeyboard-Advanced is not merely a HID device, but can also perform control tasks independently. This makes it particularly suitable for mission-critical control rooms with demanding requirements for efficiency, operational safety, and reliability.

DETAILS

DEVICE

- Touch display with integrated processing power
  Ultra-wide display, SoC, and operating modes for HID, webpage, and VuWall Dynamic Control
- Full-size keyboard with special keys
  100% layout, low-profile switches, backlighting, and direct device control
- Flexible control in the control room
  Operation of HID hotkeys, webpages, VuWall sources, destinations, scripts, and previews
- Practical connectivity
  Rear-side system connections plus side loop-through for audio and USB-C
- Designed for mission-critical environments
  Focused on efficiency, operational safety, and reliable 24/7 operation

FEATURES

DEVICE

- Ultra-wide touch display with integrated processing power
  - Resolution: 1920 × 291 px at 60 Hz
  - Display tilt angle: 40°
  - Powerful SoC with proprietary Linux operating system
  - Supports various operating modes:
    - HID offline mode
      Freely configurable button grids with HID hotkeys, images, logos, icons, and folder structures. The configuration is stored directly on the device and is immediately available after startup.
    - Webpage mode
      Display and operation of any webpage via the touch interface.
    - VuWall Dynamic Control
      Connection to a VuWall TRx server for displaying and controlling user-specific sources, destinations, scripts, and previews.
- Full-size keyboard with HID functionality and special keys
  - 100% keyboard layout, available in various country-specific versions
  - Mechanical low-profile switches for precise and comfortable input
  - Integrated keyboard backlighting for reliable operation in different lighting conditions
  - Function keys F1 to F8 send standard HID commands for media control to the external device
  - Additional special keys control key device functions such as keyboard backlighting, keyboard lock, display on/off, display brightness, and switching keyboard input between the SoC and the external device
  - 50 million operations
  - 45g key actuation force
  - 2.8mm key travel distance
- Rear-side ports with side loop-through
  - USB mouse and further system connections are connected on the rear side
  - Bidirectional analog audio and USB-C are routed from the rear to the left side of the device
  - Easy side access for user peripherals such as USB flash drives or headsets

TECHNICAL DATA

General	Brand	Panoptec
	Product group	KVM add-ons
	Product Family	CommandKeyboard-Advanced
	Country of origin	United Kingdom
Input options	USB keyboard	yes
Network	Quantity	1
	Medium	CAT5 CAT6 CAT7
	Data rate	1 Gbit/s 100 Mbit/s 10 Mbit/s
Housing	Width ca.	450 mm / 17.72 in
	Height ca.	101.7 mm / 4.00 in
	Depth ca.	256.7 mm / 10.11 in
Operating conditions	Operating environment temperature	-10 °C to 50 °C / 14 °F to 122 °F
	Operating air humidity, non-condensing	20 % to 80 %
	Area of application	Indoor use
	Maximum operating altitude above sea level	5,000 m
	Storage environment temperature	-20 °C to 70 °C / -4 °F to 158 °F

Storage air humidity, non-condensing	10 % to 90 %
Conformities	CE compliant (see downloads) RoHS compliant (see downloads) REACH compliant (see downloads) TAA compliant (see downloads) UKCA compliant (see downloads) WEEE (reg. no. DE30763240)

MORE VARIANTS

Description	Article number
CommandKeyboard-Advanced DE Keyboard with integrated touch display unit, German keyboard layout (DE)	A3200122
CommandKeyboard-Advanced FR Keyboard with integrated touch display unit, French keyboard layout (FR)	A3200124
CommandKeyboard-Advanced HR Keyboard with integrated touch display unit, Croatian keyboard layout (HR)	A3200128
CommandKeyboard-Advanced KR Keyboard with integrated touch display unit, south-korean keyboard layout (KR)	A3200125
CommandKeyboard-Advanced UK Keyboard with integrated touch display unit, English keyboard layout (UK)	A3200126
CommandKeyboard-Advanced US Keyboard with integrated touch display unit, English keyboard layout (US)	A3200127

CONTACT

WE ARE HERE FOR YOU!

If you have any further questions, we are looking forward to advising you on your individual project requirements.

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