

WEYTEC SMART TOUCH KEYBOARD

Smart is better than good

The multifunctional WEYTEC smartTOUCH keyboard is the optimal input device for secure, comfortable and efficient workflows at multi-screen workplaces. Operate all your computers, wherever they are, easily and intuitively with a single keyboard and mouse. Additional devices are superfluous.

WEYTEC smartTOUCH keyboard



Description

The WEYTEC flagship smartTOUCH keyboard provides unlimited functionality and an intuitive user experience. Access computers without performance loss. Directly control all screens and video walls with the push of a button. Use the touch screen to stream video or quickly execute application inputs. The modular architecture ensures that the keyboard can be customized to meet individual requirements.

A quick ejection mechanism releases the key panel from its housing unit, so staff members can take their personal keyboards with them wherever they sit. Light sensors automatically adjust the brightness of the screen to the ambient environment for optimal illumination and energy efficiency. Motion sensors detect user presence and put the keyboard into sleep mode when unattended. Integrated loud speakers optimize sound quality.

Highlights

- 10.1" LCD touch-sensitive display with 1280x800 pixel resolution
- Touch screen can be used for the broadest variety of tasks, e.g. screen management, incident management, video streaming and much more
- Removable keyboard inlay
- Customizable keypads to interact with key applications. Assign important commands to physical keys.
- Directly control up to 16 workstations with the keyboard's dedicated keys
- 24 individually programmable function keys labeled in the display
- A variety of interfaces to connect external devices
- Two integrated high-performance loud speakers
- Light sensors to automatically adjust the brightness of the screen and motion sensors to detect user presence.
- The keyboard configuration is secured in an external back-up and immediately available if a smartTOUCH needs to be exchanged.
- Fully compatible with the WEYTEC distributionPLATFORM to access and control a virtually unlimited number of computers and screens
- Designed and manufactured in-house in Switzerland.

TECHNICAL SPECIFICATIONS

Dimensions	
Size W/D/H (mm)	470x303x104
Weight (g)	2140
Electrical Characteristics	
Power Supply	AC IN: 100 - 240V ~ 1.5A, DC OUT: + 12V = 5.0A
Power over Ethernet Plus (PoE +)	IEEE 802.3at (PoE +)
Power Consumption	Minimum = 5.7 watt, Typical, 8.5 watt, Maximum 11.5 watt + 7.5 watt max. power from USB
Loudspeaker	2x 20 Watt Maximum, 2x 8 Watt RMS at 8Ω
Display	10.1" LCD touch-sensitive display, resolution 1280x800@60Hz, Contrast ratio: Minimum = 500:1, Typical 700:1, Brightness: Minimum = 320cd/m ² , Typical = 400cd/m ² , viewing angle: Horizontal & Vertical = 170°
Colour-Depth	Max. 24 bit (RGB888)
MTBF	50,000 hours
Key Switches	
Type	Module ML
Contacts	High quality gold alloy
Contact configuration	Single pole contact
Action	Pressure point click
Actuator travel	3,0-0,5mm
Pretravel	1,5 ± 0.5mm
Initial force	30cN min
Actuation force	45 ± 20cN
Pressure point force	50 ± 20cN
Economic lifetime	20 x 10 ⁶ strokes
Interfaces/Connectors	
Network	1x RJ45 1000 BASE-T PoE+ port
Audio	2x 3.5" jack female line stereo 48KHz 16-bit (1Vrms 20Hz – 20KHz) and microphone stereo (10/100mVrms 20Hz – 20KHz)
USB	3x USB A (2x USB for KB/MS; 1x transparent USB 2.0 full speed 16 endpoints)
USB (Service Port)	1x USB Type-B Mini-5 – pin (USB 2.0 high speed)
Standards & Protocol	
IEEE 802.3ab	1000Base-T, Gigabit Ethernet
Internet Protocol	IPv4 (fixed addressing); dedicated connection or via Ethernet switch/IP router ARP, ICMP echo (ping), IGMPv3 report (multicast)
WEY Protocol	WEY Ethernet protocol (UDP/IP-based)
Operating Conditions	
Operating temperature	8 - 40 °C
Storage temperature	0 - 60 °C
Operating location	Indoor use
Relative humidity	45 - 85 % non-condensing
Operating altitude	Max. 2000 m