

touchCUE-10-W

10.1" wired on-wall touch panel

Product code: **CS0564**



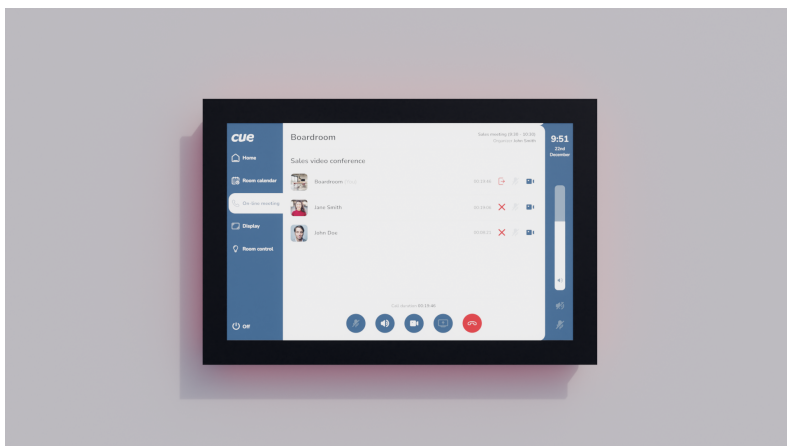
Main features

- IP control port
- Landscape or portrait mode
- Video preview
- Website browsing
- 10.1" IPS color active matrix TFT LCD with LED backlight, resolution 1 280 x 800 pixels
- Projected capacitive touch overlay
- RGB LED indicators for indirect light effect
- Single cable Ethernet connection and PoE
- Wireless Module W for Wi-Fi communication available
- Microphone and speakers
- Built-in light and proximity sensors
- Optional NFC reader available
- Clear & slim design
- Simple installation on dry or glass wall
- Compatible with standard electrical boxes
- Mounting Adapter 10 for tabletop or angled on-wall installation

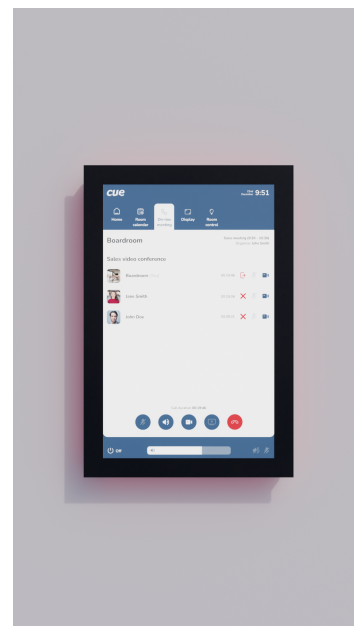
Description

The touchCUE-10-W is a wired on-wall touch panel offering a clean, modern design with edge-to-edge front glass. Fully compatible with CUE controllers and interfaces, this touch panel provides the ultimate one-touch solution for meeting rooms, conference rooms, boardrooms, and high-tech homes.

It can be installed in a **landscape** or **portrait** position and is an ideal front-end for wall, lectern, or furniture on-wall applications.



Landscape mode



Portrait mode

The 10.1" active-matrix **touchscreen display** offers a resolution of 1 280 x 800 pixels (landscape mode) or 800 x 1 280 pixels (portrait mode), and it produces stunning true-color images. The touch panel is equipped with a projected capacitive touch overlay.

Native support for standard video formats allows you to **view live streaming video** from IP cameras and other Ethernet-connected video sources. The video can be freely combined with other graphic objects within the user interface created with Cue Visual Composer.

Using support for **web browsing**, it is possible to directly control devices that provide a web user interface and combine it with layouts created with Cue Visual Composer. Web browsing control is particularly suitable for devices that have a complex user interface with many functions, typically audio and video players. Web browsing can also be used for other web-based services.

The touch panel offers **PoE** (Power over Ethernet) technology enabling an Ethernet network cable to deliver data and power. A single cable Ethernet connection provides easy network integration.

The touch panel installs easily on a glass wall or other flat surface without any wall drilling or surface cutting. When installed, it **protrudes only 23 mm** from the mounting surface.

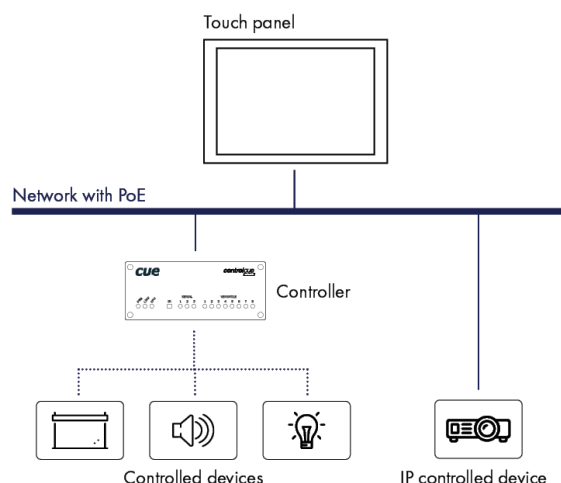
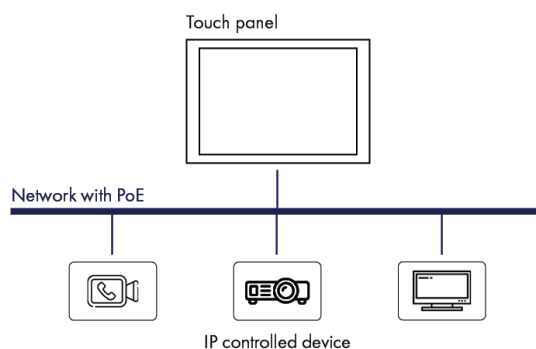
Application

Standalone control panel & controller

The following diagram describes the use of a touch panel with IP control port only. This configuration allows for to creation **cost-effective** distributed control solution where the **touch panel serves as a controller** and graphic user interface in one box. In Cue Visual Composer, touch panels and controllers are programmed in the same way.

Extension to various types of control ports

The following diagram describes the use of a **touch panel with a controller**. In this case, the touch panel serves as a graphic user interface and allows you to control IP devices directly. The touch panel is fully compatible with all controllers, allowing the integration of all available types of Control ports.



Specifications

Control ports

- IP control port

Touch-screen display

- IPS transmissive color active matrix TFT LCD with LED backlight
- Size 10.1" / 256.5 mm diagonal, widescreen
- Resolution
 - Landscape mode 1 280 x 800 pixels
 - Portrait mode 800 x 1 280 pixels
- Display colors 32-bit (True Color)
- Transparency 8-bit Alpha blending
- Pixel pitch 0.1695 × 0.1695 mm
- Brightness min. 300 cd/m2
- Response time 15 ms
- Contrast ratio 800 : 1
- Viewing angle 170° horizontal, 170° vertical
- Projected capacitive touch overlay
- Edge-to-edge glass

Indicators

- Programmable RGB LED indicators around the panel's perimeter create an indirect light effect visible from a distance.

Software

- XPL² runtime for the application created in Cue Visual Composer
- Support for web browsing
- Admin Web for setup

Video

- Streaming video preview
- Codecs: H.263, H.264, H.265, MJPEG, MPEG-2, VP8, VP9

Audio

- Built-in microphone
- Built-in speakers

Network

- 10/100/1000 BaseT LAN, RJ-45 connector
- 802.1X authentication mechanism supported
- Proxy Server support

Built-in sensors

- NFC reader
 - Frequency 13.56 MHz
 - Norm ISO14443A compatible
- Light sensor for automatic backlight dimming
- Proximity sensor for automatic backlight switching on

Buttons

- System Default

Memory

- 4 GB RAM
- 16 GB NAND Flash (EMMC)

Power supply

- Power over Ethernet (PoE), 802.3af / Class 0 compatible

Physical

- Slim body, edge-to-edge front glass
- Multisurface, e.g., glass wall installation
- Compatible with European, Swiss and US 2-gang / 3-gang standard electrical wall boxes
- Compatible with VESA standard 75 x 75 mm and 100 x 100 mm
- Protection IP30
- Dimensions 248 x 167 x 21.3 mm / 9.8" x 6.6" x 0.84" when installed
- Weight 0.9 kg / 2.0 lb

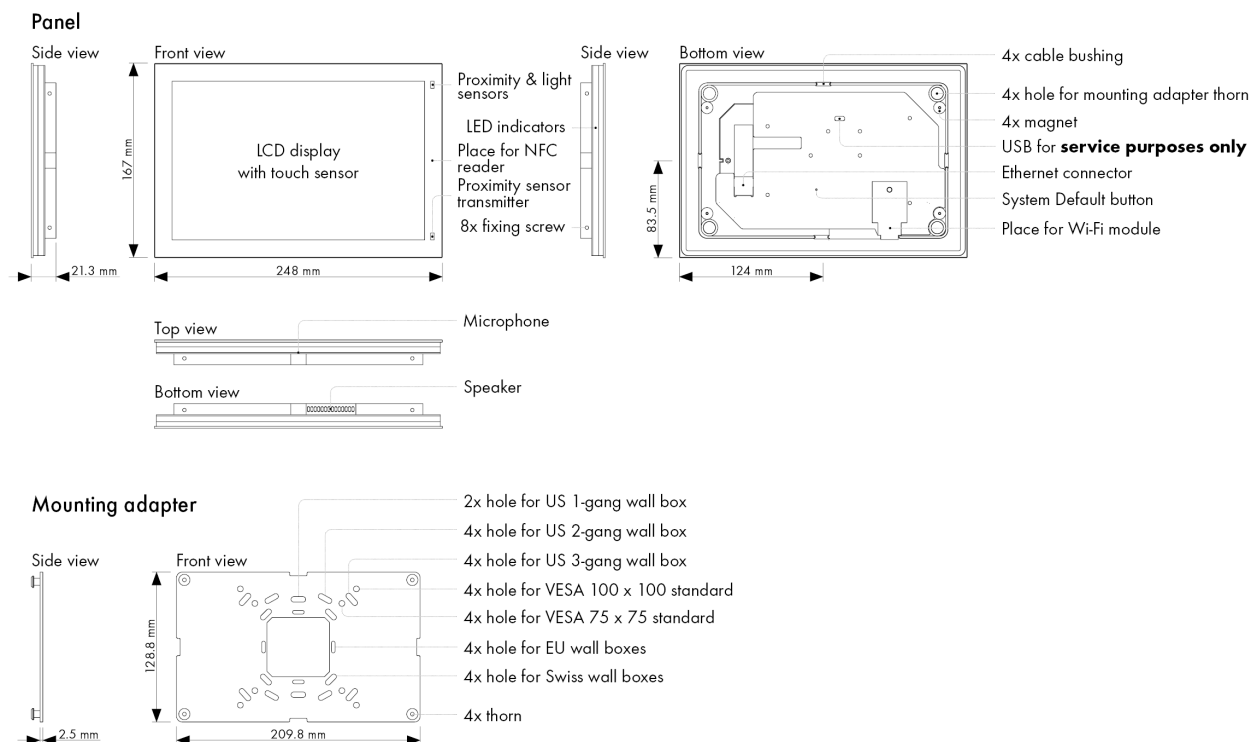
Environment conditions

- Operating temperature 10° to 40° C
- Storage temperature 0° to 60° C
- Relative humidity 10% to 90% non-condensing

Available accessories

- Wireless Module W for Wi-fi communication
- Mounting Adapter 10 for tabletop or angled on-wall installation

Mechanical description



Installation

The panel installs on the wall easily by using the mounting adapter with adhesive foil or with screws. Cable bushings are prepared for network cable installation from all four directions and the rear side.

Installation **using black adhesive foil** is typically used for a glass wall. Delivered adhesive foil is installed on the wall and then the touch panel is attached by adhesive tape installed on the rear side of the mounting adapter.

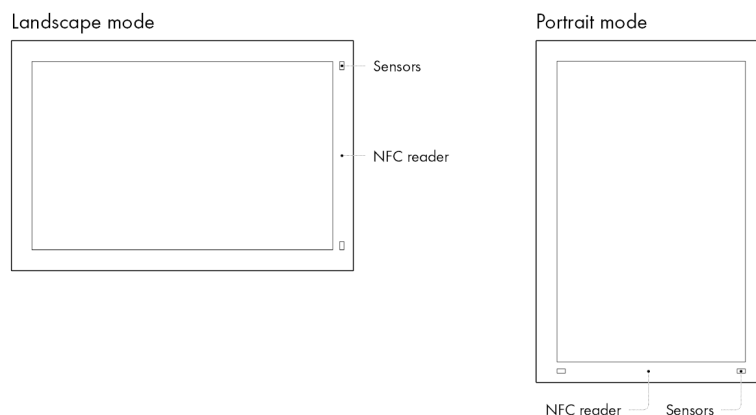
Installation **using screws** can be used for wooden walls, and furniture as well as for holders compatible with VESA standards 75 x 75 or 100 x 100. There are four holes on the back of the mounting adapter for each variant.



When installing, use flexible flat or round cables with a maximum diameter of 5 mm. CAT5 and CAT5e category cables are sufficient for proper panel functionality. Cables of higher categories have too large a diameter, a large allowable bend radius, and are not flexible enough for easy panel installation.

Panel orientation

Always orient the panel on the wall so that the **sensors are on the right for landscape mode** or on the **bottom for portrait mode** as shown in the following pictures.



Installation template

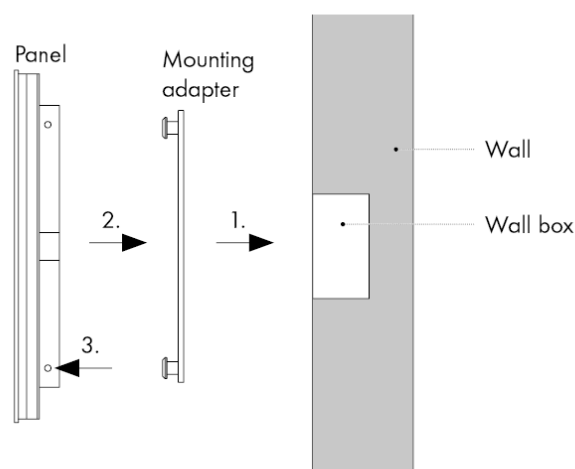
To prepare the installation, an installation template is available at a scale of 1 : 1.

[touchCUE-10-W_touchONE-10-W_InstallationTemplate.pdf](#)

With this template, you can directly mark the drilling locations on the wall. Download the PDF and print it on A4 paper in landscape mode at 100% scale. After printing, check the dimensions according to the marked dimensions.

Installation steps

1. Install the mounting adapter on the wall using adhesive foil or screws according to the surface type.
2. Fit the panel onto the mounting adapter so that the thorns fit into the corresponding holes in the back of the panel. **The panel is held on the adapter by magnets.**
3. Fix the panel with screws at the corners of the panel. We recommend tightening preferably all 4 screws, but **at least one in each corner** of the panel.



Box contents

- Touch panel touchCUE-10-W
- Mounting adapter
- Accessories for glass wall installation
- Squeegee
- Ethernet cable
- Cleaning tissue
- Quick Start

Order information

Product code CS0564

Documentation

More information can be found in CUE Documentation:

- Wired Touch Panels Setup Guide
- touchCUE-10-W Quick Start