

touchCUE-7-W

7" wired on-wall touch panel

Product code: **CS0660**

Available from June 2026



Main features

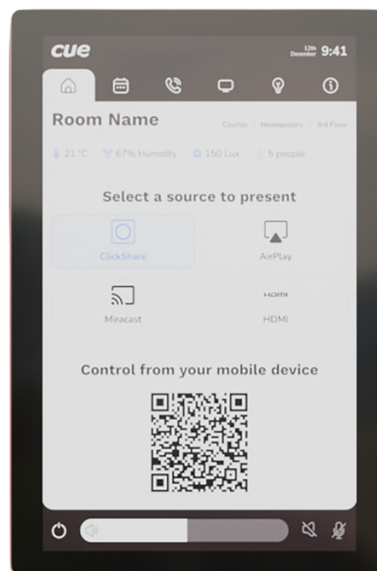
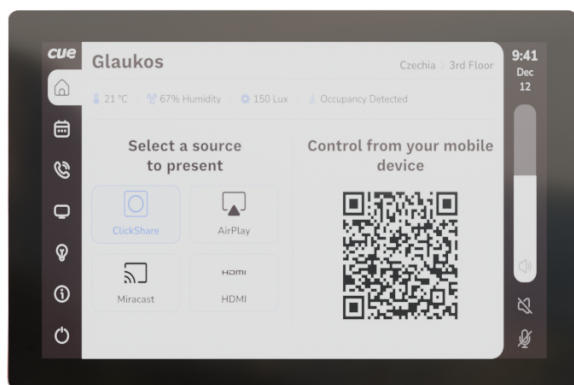
- IP control port
- Landscape or portrait mode
- Video preview
- Website browsing
- 7" a-Si TFT touch screen display with wide viewing angles
- Resolution 1 280 x 800 pixels
- Projected capacitive touch overlay
- RGB LED indicators for indirect light effect
- Single cable Ethernet connection and PoE
- Built-in speaker, light and proximity sensors
- Clear & slim design
- Simple installation on dry or glass walls
- Compatible with standard electrical boxes
- Mounting Adapter 7 for tabletop or angled on-wall installation

Description

The touchCUE-7-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.

The 7" 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.

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



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 **web browser support**, it is possible to control devices that provide a web user interface directly and integrate them with layouts created in Cue Visual Composer. Web browsing control is particularly suitable for devices with complex user interfaces and many functions, such as audio and video players. Web browsing can also be used for other web-based services.

The touch panel supports **PoE** (Power over Ethernet), enabling an Ethernet 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 17 mm** from the mounting surface.

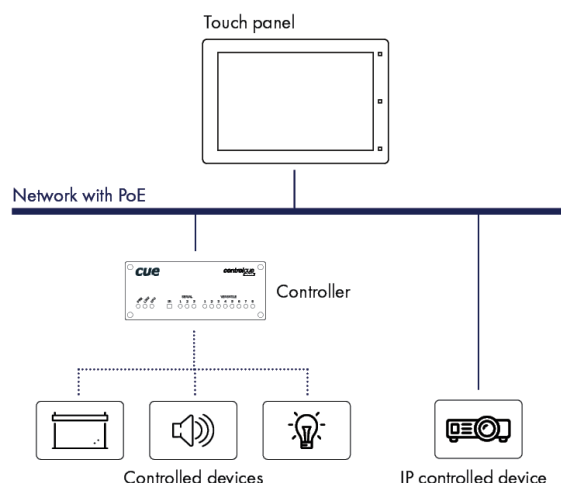
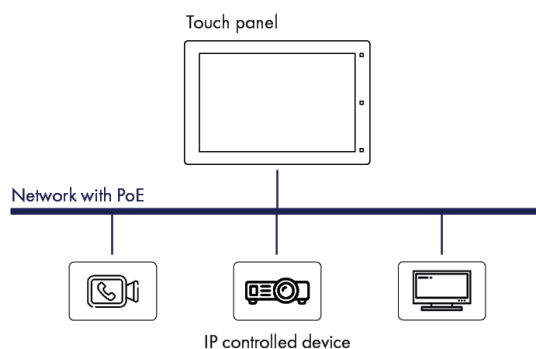
Application

Standalone control panel & controller

The following diagram describes the use of a touch panel with IP control port only. This configuration enables a **cost-effective** distributed control solution in which the **touch panel serves as both a controller** and a graphical 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

- Color a-Si TFT LCD with LED backlight
- Size 7" / 177.8 mm diagonal, wide screen
- 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 0.116 x 0.116 mm
- White luminance 400 cd/m²
- Response time 20 ms
- Contrast ratio 800 : 1
- Viewing angle $\pm 80^\circ$ horizontal, $\pm 80^\circ$ 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 speaker

Network

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

Built-in sensors

- 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 and Swiss standard electrical wall boxes
- Protection IP30
- Dimensions 180 x 120 x 17.2 mm / 7" x 4.7" x 0.68" when installed
- Weight 0.5 kg / 1.1 lb

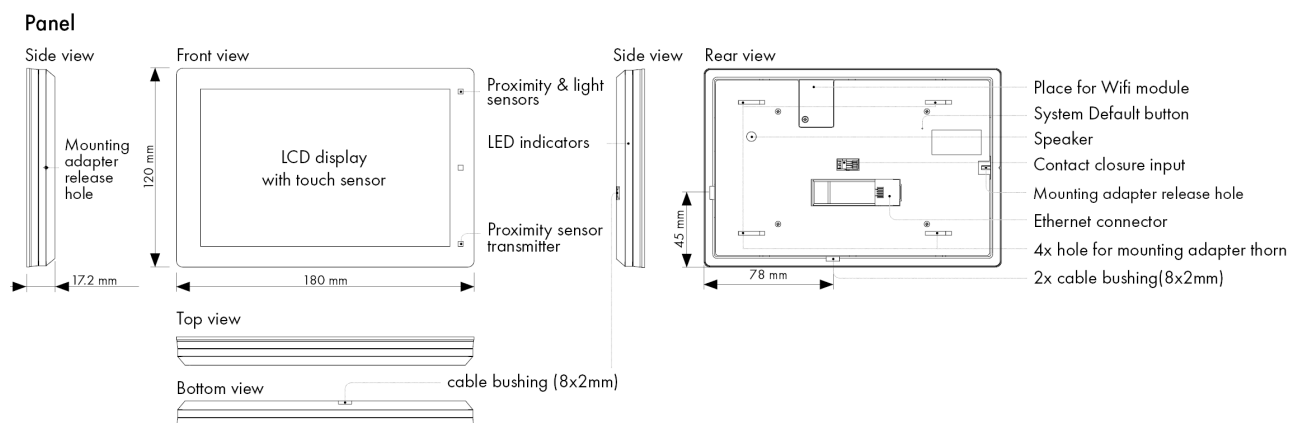
Environment conditions

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

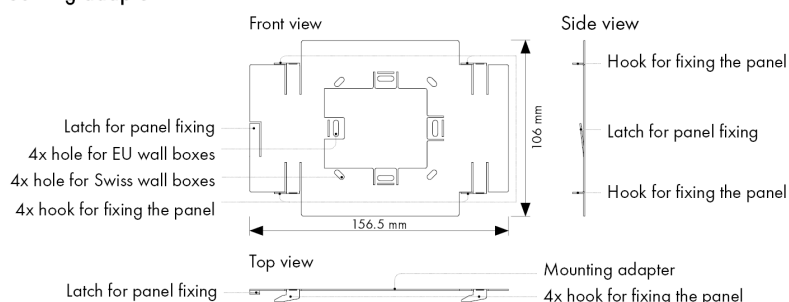
Available accessories

- Mounting Adapter 7 for tabletop or angled on-wall installation

Mechanical description



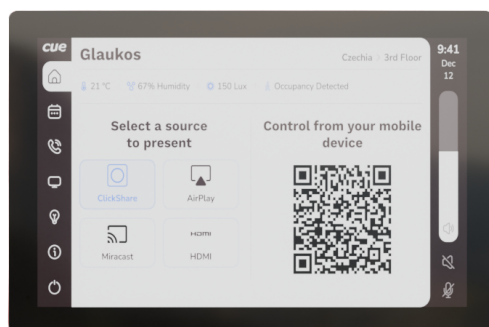
Mounting adapter



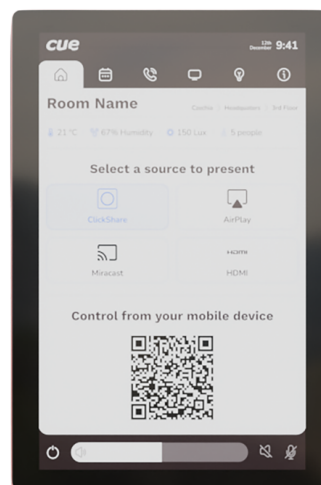
Installation options

On-wall installation

The unit is installed on the wall using an on-wall adapter. The adapter is fixed directly to the electrical box with screws. Installation is possible even without an electrical installation box.



Landscape mode



Portrait mode

Tabletop installation

The unit can be placed on the table using Mounting Adapter 7, which must be ordered separately. The adapter provides a panel angle 15°.



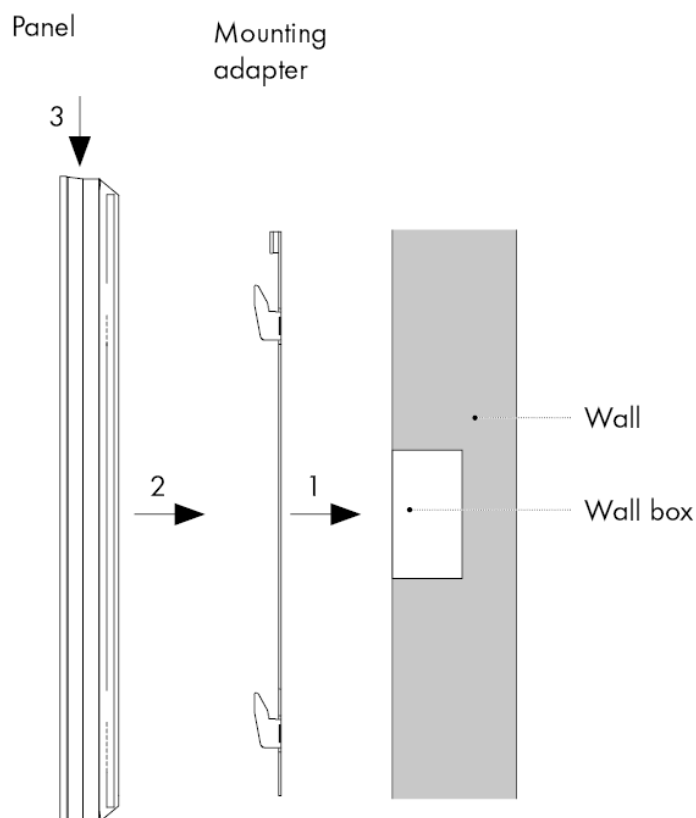
Angle on-wall installation

The unit can be placed on the wall using Mounting Adapter 7, which must be ordered separately. The adapter provides a panel angle 15°.



Installation steps

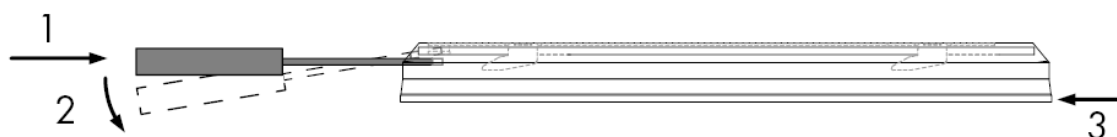
1. Install the mounting adapter on the wall using adhesive foil or screws, according to the surface type.
2. Connect the network cable and fit the panel using the appropriate holes on the mounting adapter hooks.
3. Slide the panel to the left (down in portrait installations) until the locking latch clicks into place.



For more installation instructions see touchCUE-7-W Quick Start#Installation

Removing the panel

1. Insert a suitable tool (thin screwdriver or Allen screw with a maximum diameter of 2 mm) into the hole in the right side of the panel to a depth of approx. 10 mm.
2. Push the fixing latch by gently levering the tool in the direction of the arrow.
3. Move the panel to the left and remove it from the mounting adapter hooks.



Box contents

- Touch panel touchCUE-7-W
- Mounting adapter
- Accessories for glass wall installation
- Squeegee
- Ethernet cable
- Cleaning tissue
- Quick Start

Order information

Product code CS0660

Documentation

More information can be found in CUE Documentation:

- Wired Touch Panels Setup Guide
- touchCUE-7-W Quick Start
- touchCUE-7-W A&E Specification