

# touchCUE-7-B

Wired Built-In Touch Panel 7"



## Main Features

- Edge-to-edge front glass
- Slim aluminium unibody enclosure
- 7" a-Si TFT touch screen display with wide viewing angles
- Resolution 1 280 x 800 pixels
- Pixel density 216 ppi
- Display colors 32-bit (True Color)
- Projected capacitive touch overlay
- Video preview
- Single cable Ethernet connection
- Power over Ethernet power supply
- Built-in microphone, speakers, light and proximity sensors
- Compatible with European/UK 1-gang electrical boxes
- No special back box needed

## Description

The touchCUE-7-B is wired built-in touch panel offering clean modern design with edge-to-edge front glass and sleek aluminium body. It is ideal front-end for any wall, lectern or furniture built-in applications. 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.

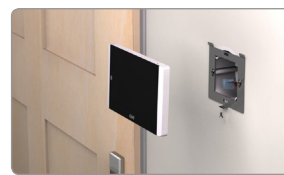
The 7" active matrix touch screen display offers resolution 1 280 x 800 pixels and it produces stunning true color images. Touch panel is equipped with projected capacitive touch overlay. Single cable Ethernet connection provides easy network integration. The touch panel is equipped with Power over Ethernet (PoE) technology enabling an Ethernet network cable to deliver both data and power.

The touch panel installs easily over a 1-gang standard European/UK electrical box. It can also be attached directly to drywall and other surfaces over the front of cutout. When installed it protrudes only 13 mm from the mounting surface.

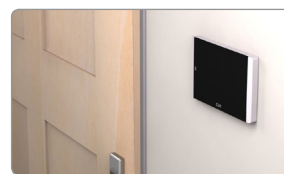
## Installation



1. Install wall adapter to wall box using two screws.



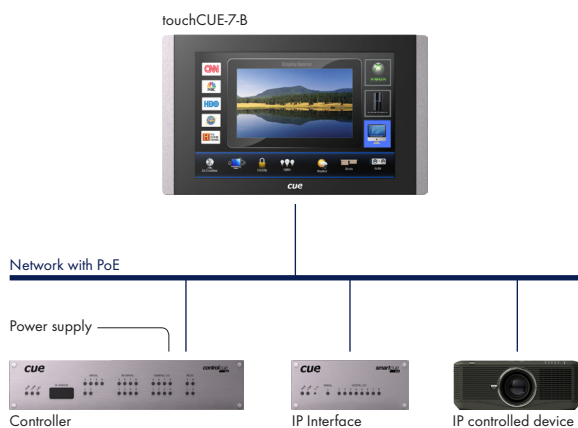
2. Install touch panel on wall adapter.



3. Fix touch panel to wall adapter using screw.

## Application Diagrams

The following diagram describes the use of touch panel with controller and IP interfaces. In this case the touch panel serves as graphic user interface only.



The following diagram describes the use of touch panel with IP interfaces only. This configuration allows to create cost effective distributed control solution where touch panel serves as controller and graphic user interface in one box. In Cue Visual Composer touch panels and controllers are programmed in the same way, which makes possible to use touch panels as fully functional control units.



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## Specifications

### Touch-screen display

Color a-Si TFT LCD with LED backlight  
Size 7" / 177.8 mm diagonal, wide screen  
Resolution 1 280 x 800 pixels  
Display colors 32-bit (True Color)  
Transparency 8-bit Alpha blending  
White luminance 400 cd/m<sup>2</sup>  
Response time 20 ms  
Contrast ratio 800 : 1  
Pixel pitch 0.116 x 0.116 mm  
Pixel density 216 ppi  
Viewing angle  $\pm 80^\circ$  horizontal,  $\pm 80^\circ$  vertical  
Projected capacitive touch overlay  
Edge-to-edge glass

### Built-in sensors

Light sensor for automatic backlight dimming  
Proximity sensor for automatic backlight switching on

### Buttons

System Default

### Memory

512 MB RAM  
microSD Card min. 8 GB

### Software

XPL<sup>2</sup> runtime for application created in Cue Visual Composer  
Admin Web for setup

### Video

Streaming video preview  
Formats: MJPEG, H.264

### Audio

Built-in microphone  
Built-in speakers

### Wired communication

10/100 BaseT LAN, RJ-45 connector

### Power supply

Power over Ethernet (PoE), IEEE 802.3af compatible

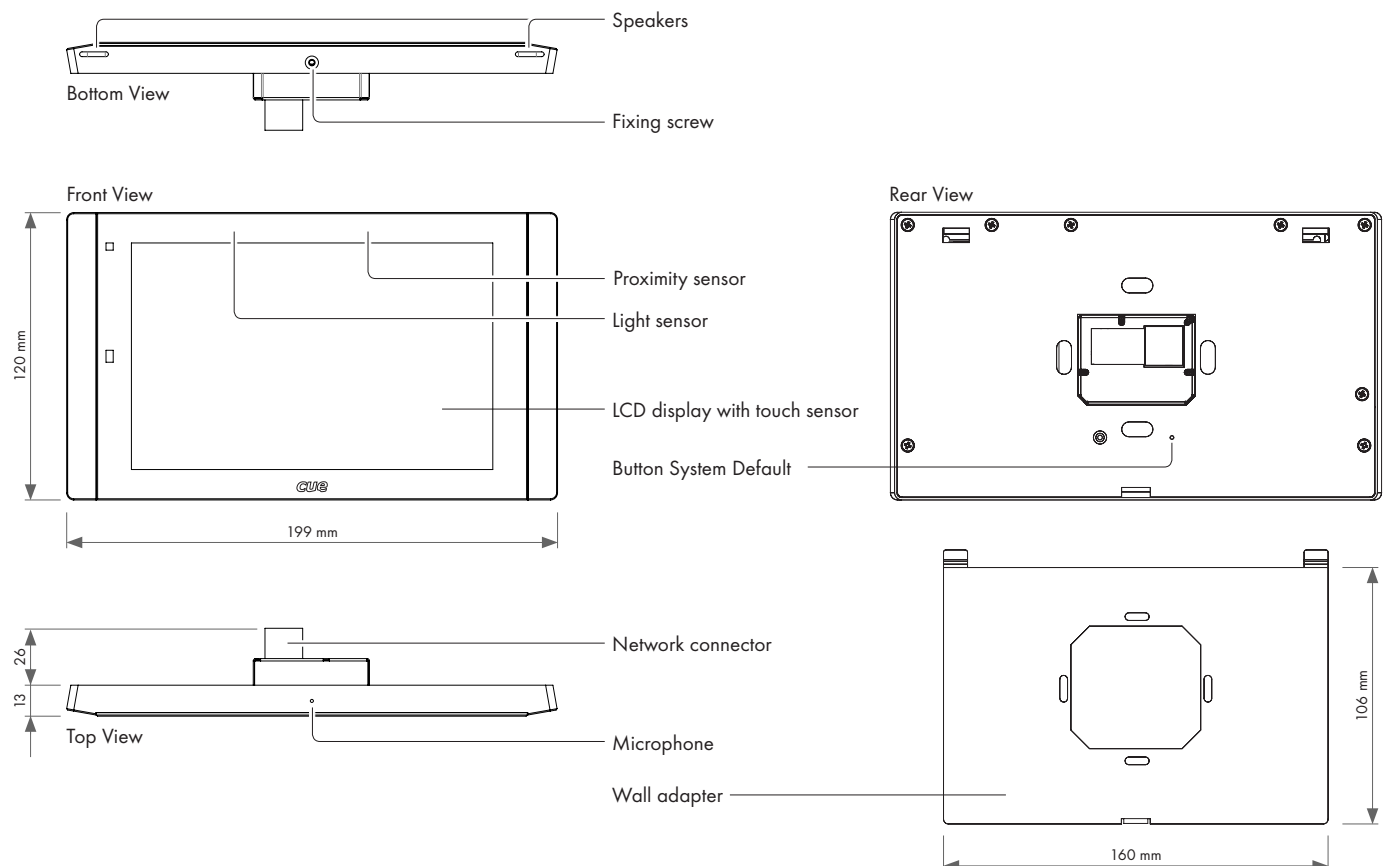
### Physical

Sleek aluminium body, edge-to-edge front glass  
Compatible with standard European/UK 1-gang electrical boxes  
Dimensions 199 x 120 x 39 mm / 7.8" x 4.7" x 1.5"  
Weight 0.6 kg / 1.3 lb

### Environment conditions

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

## Mechanical Description



## Box Contents

Touch panel touchCUE-7-B  
Wall adapter incl. screws  
Fixing screw  
Power supply with PoE injector  
Cleaning tissue

Ethernet cable  
Data Sheet  
Declaration of Conformity  
Cue System Connector Wiring Sheet

## Order Information

Product code CS0452

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