

# touchCUE-12-M

Wired On-Wall Touch Panel 12.1"



## Main Features

- Edge-to-edge front glass
- Slim aluminium unibody enclosure
- 12.1" touch screen display with wide viewing angles
- Resolution 1 280 x 800 pixels
- Display colors 32-bit (True Color)
- Projected capacitive touch overlay
- Video preview
- Single cable Ethernet connection
- Power over Ethernet Plus power supply
- Built-in microphone, speakers, light and proximity sensors
- Multisurface installation, e.g. glass wall
- Compatible with VESA standard 75 x 75 mm

## Description

The touchCUE-12-M 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 on-wall 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 12.1" 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 Plus (PoE+) technology enabling an Ethernet network cable to deliver both data and power.

The touch panel installs easily on the wall using adhesive foil or screws. Cable bushings are prepared for network cable installation from left or right side as well as from the bottom. Hole for network cable is prepared on rear side too. When installed the touch panel protrudes 32 mm from the mounting surface.



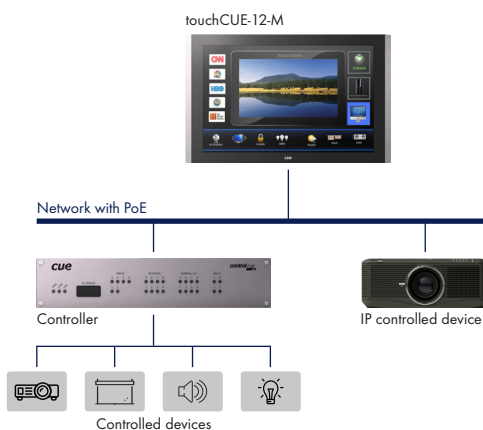
Installation using adhesive foil is typically used for a glass wall. Delivered adhesive foil is installed on the wall and then touch panel is attached by adhesive tape installed on the rear side of the back cover.



Installation using screws can be used for wooden walls, furniture as well as for holders compatible with VESA standard 75 mm x 75 mm. Four holes are prepared on the rear side of the back cover.

## 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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**cue**

## Specifications

### Touch-screen display

Color a-Si TFT LCD with LED backlight  
Size 12.1" / 307.3 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/m2  
Response time 15 ms  
Contrast ratio 1000 : 1  
Pixel pitch 0.204 x 0.204 mm  
Pixel density 125 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 Plus (PoE+), IEEE 802.3at compatible

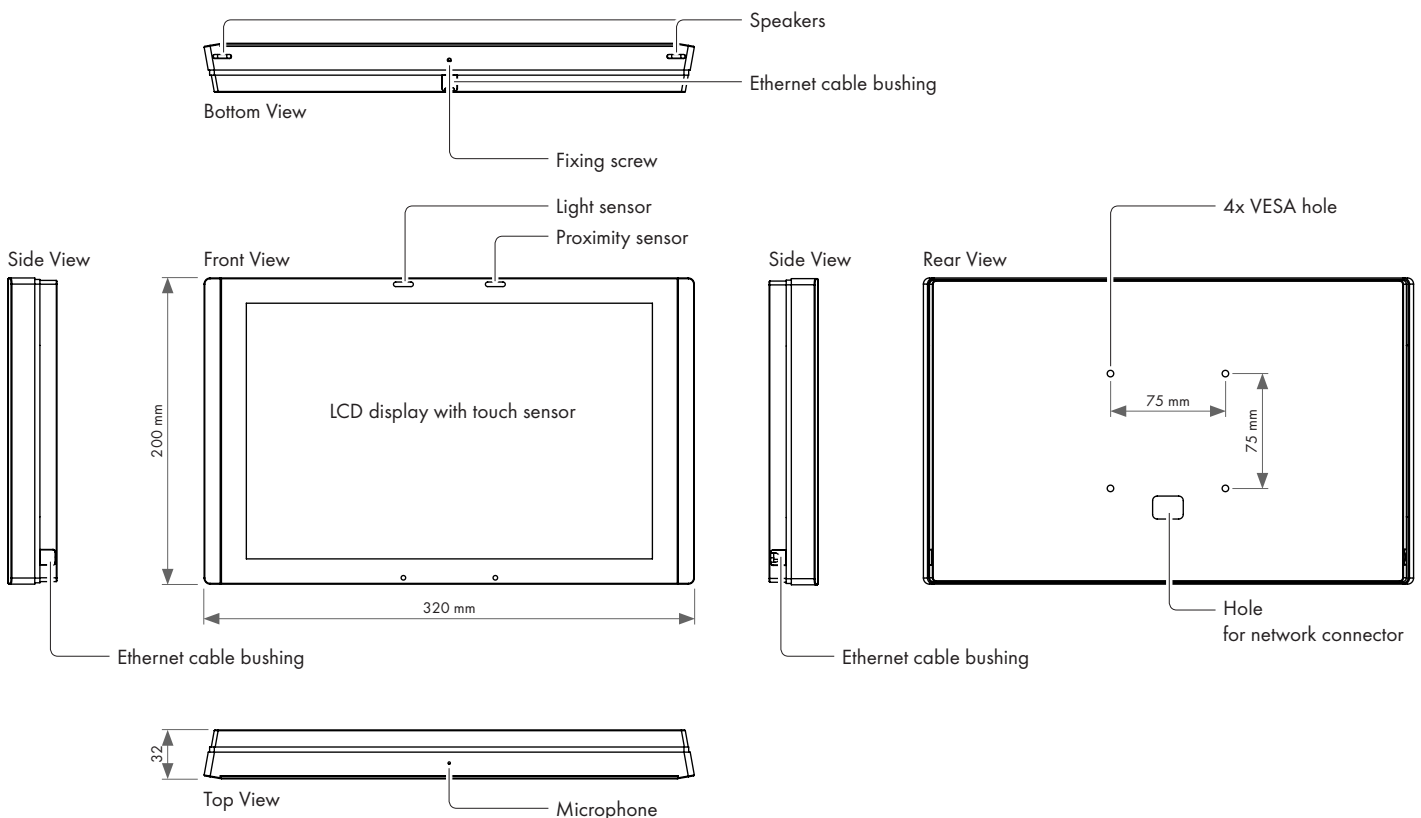
### Physical

Sleek aluminium body, edge-to-edge front glass  
Multisurface, eg. glass wall installation  
Compatible with VESA standard 75 mm x 75 mm  
Protection IP30  
Dimensions 320 x 200 x 32 mm / 12.6" x 7.9" x 1.3"  
Weight 2.2 kg / 4.9 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-12-M  
Fixing screw  
Power supply with PoE injector  
Cleaning tissue  
Ethernet cable

Adhesive foil  
Squeegee  
Data Sheet  
Declaration of Conformity  
Cue System Connector Wiring Sheet

## Order Information

Product code CS0540

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