touchCUE-5

Wired Tabletop Touch Panel 4.3"

Preliminary

cue

Main Features

- Edge-to-edge front glass
- Slim aluminium unibody enclosure
- Integrated tabletop stand
- 4.3" IPS touch screen display with wide viewing angles
- Resolution 800 x 480 pixels
- Pixel density 217 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 motion sensors

Description

The touchCUE-5 is wired tabletop touch panel offering clean modern design with edge-to-edge front glass and sleek aluminium body with tabletop stand. It is ideal front-end for any tabletop 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 4.3" IPS touch screen display offers resolution 800 x 480 pixels and it produces stunning true color images. Touch panel has 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.

Installation

Slim and low profile design sits perfectly on a table without obstructing views. Delivered flat Ethernet cable provides sleek single cable connection and the network connector is hidden in a tabletop stand.

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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Network with PoE

Power supply

Controller   IP Interface   IP controlled device

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Network with PoE

IP Interface   IP controlled device   IP controlled device

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Specifications

Touch-screen display
   Color IPS LCD with LED backlight
   Size 4.3" / 109 mm diagonal, wide screen
   Resolution 800 x 480 pixels (WVGA)
   Display colors 32-bit (True Color)
   Transparency 8-bit Alpha blending
   White luminance 600 cd/m^2
   Response time 40 ms
   Contrast ratio 1000 : 1
   Pixel pitch 0.117 x 0.117 mm
   Pixel density 217 ppi
   Viewing angle ±80° horizontal, ±80° vertical
   Projected capacitive touch overlay
   Edge-to edge glass
Built-in sensors
   Light sensor for automatic backlight dimming
   Motion sensor for automatic backlight switching on
Buttons
   System Default
Memory
   256 MB RAM
   microSD Card min. 4 GB

Software
   XPL^2 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
   Integrated tabletop stand, fixed angle 58°
   Dimensions 136 x 81 x 73 mm / 5.4" x 3.2" x 2.9"
   Weight 0.3 kg / 0.7 lb
Environment conditions
   Operating temperature 10° to 40° C
   Storage temperature 0° to 60° C
   Relative humidity 10% to 90% non-condensing

Box Contents

Touch panel touchCUE-5
Power supply with PoE injector
Flat Ethernet cable
Cleaning tissue

Data Sheet
Declaration of Conformity
Cue System Connector Wiring Sheet

Order Information

Product code CS0371

Mechanical Description

136 mm

Microphone

LCD display
with touch sensor

Light and
motion sensors

Speakers

73 mm

81 mm

Network connector
Network cable
Integrated tabletop stand
Button System Default