

touchCUE-4X02

cuerium



SPECIFICATIONS

Touch-screen display

Active matrix color ultra-bright LCD
LED backlight
Size 3.5" / 89 mm diagonal
Aspect ratio 4:3
Resolution 320 x 240 pixels
65 536 colors (High Color)
Resistive membrane touch overlay

Built-in sensor

Light sensor for automatic backlight dimming

Buttons

Reset / Set factory default
4x programmable

Memory

64 MB RAM
CompactFlash Card min. 1 GB (upgradeable)

Software technologies

Admin Web

System communication

10/100 BaseT LAN, RJ-45 connector

Power supply

Power over Ethernet (PoE), IEEE 802.3af compatible

Physical

Metal and plastic enclosure
Dimensions 148 x 90 x 24 mm / 5.8" x 3.5" x 0.9"
Weight 0.5 kg / 1.1 lb

Operating environment

Temperature 10° to 40° C
Humidity 10% to 90% non-condensing

MAIN FEATURES

- Wired tabletop touch panel
- 3.5" active matrix LCD touch screen display
- Display resolution 320 x 240 pixels
- High Color graphics
- Display LED backlight
- Four programmable buttons
- Built-in light sensor
- Standard data storage min. 1 GB
- Web server and Admin Web pages for setup and diagnostics
- Wired Ethernet connection
- Power over Ethernet (PoE) IEEE 802.3af compatible
- Ultra low power consumption
- Stainless steel / Graphit grey - Plastic / Wood enclosure

DESCRIPTION

The touchCUE-4X02 is compact wired tabletop touch panel. It brings high performance at a low cost. The 3.5" active matrix touch screen display equipped with LED backlight offers resolution 320 x 240 pixels and it produces stunning high color images. Innovative design features like min. 1 GB of standard data storage. Four programmable buttons are positioned below the display and button function can be dynamically changed on the screen. Built-in light sensor allows automatic display backlight dimming. Wired Ethernet connection providing easy network integration is standard for this model. The touch panel is equipped with Power over Ethernet (PoE) - technology enabling an Ethernet network cable to deliver both data and power. Fully compatible with CUE controllers, this touch panel provides the ultimate one-touch solution for meeting rooms, conference rooms, boardrooms and high-tech homes.

APPLICATIONS

- Commercial single-room applications
- Meeting rooms, conference rooms, boardrooms
- Commercial huge multi-room and multi-floor distributed systems
- Complete residential home automation
- High-tech homes

STANDARD BOX CONTENTS

Touch panel touchCUE-4X02
Ethernet cable straight-through
Ethernet cable crossed-over
PoE injector incl. power cable
Cleaning tissue
Warranty Conditions, CE Declaration, RoHS Declaration
Touch Panel Data Sheet
Cue System Connector Wiring Sheet
CUE Application CD

ORDER INFORMATION

Product codes

CS0352-004 stainless steel panel, stardust black frame

CS0352-014 graphit grey panel, stardust black frame

For other type of enclosure (solid wood frame) or for different color combination please see chapter cuenium Panel Enclosures or contact sales@cuesystem.com. Some other enclosure solutions are available with special price and delivery term.

POWER OVER ETHERNET



Standard delivery of touch panel includes PoE Adapter. This adapter provides a full 15.4 watts of power per port with no additional power management required. Output is equipped with short circuit protection and overload protection as per 802.3af specification. The output can be shorted permanently without damage. Upon power-up the self-test for the internal microprocessor software is started. After the end self-test the DC output voltage is available for powering a compliant load (to the 802.3af PoE standards). Once a load is attached to the output RJ-45 connector the detection sequence is started. Should the load be non-compliant then the LEDs will blink a code signifying the cause for non-detection. Until the correct load is applied, the LEDs will continue to blink.

New technology is implemented to this touch panel. Power over Ethernet (PoE), sometimes also called Active Ethernet, provides a way for your network devices to be powered by their data cables rather than by separate power cords. In many applications, particularly in the installation of touchpanels, keyboards, sensors, wireless access points or IP telephones, PoE can significantly reduce installation costs.

Power Over Ethernet (PoE) integrates power and data onto one single cabling infrastructure, eliminating the need to have AC power adapters available at all locations. The IEEE 802.3af standard defines how products should provide and receive power over the data infrastructure. Using category 5/5e cable or better, PoE will provide power to PoE compatible device, such as touch panels, IP telephones, wireless LAN access points and IP cameras, for a distance up to 100 Meters. Products that are powered by PoE are generically called powered Devices (PD). PoE is already widely adopted in the market, saving up to 50% of overall installation costs by eliminating the need to install separate electrical wiring and power outlets in new or hard to reach places.

For more details please see appropriate Application Note at www.cuesystem.com.