uniCUE-7-B
Wired Built-In Touch Panel Controller 7”

Main Features
• Wired built-in touch panel and controller
• 7” active matrix touch screen display, 800 x 480 pixels
• Display colors 32-bit (True Color)
• Projective capacitive touch overlay
• Wired Ethernet communication
• Control ports: IP, serial, infra-red, general I/O, relay
• Built-in microphone and speakers
• Built-in light and motion sensors
• Built-in IR transmitter and receiver
• Audio line input and output
• Aluminium front panel
• Fully compatible with Back Box CS0409

Description
The uniCUE-7-B is wired built-in touch panel and controller in one box. It combines full functionality of touch panel and controller. The 7” active matrix touch screen display offers resolution 800 x 480 pixels and it produces stunning true color images. Wired Ethernet connection provides easy network integration. Fully compatible with other CUE products, this touch panel / controller 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

Order Information
Product code CS0388

Box Contents
• Touch panel / controller uniCUE-7-B
• Connector set
• IR Adapters
• Power supply
• Cables
• Product Data Sheet

Back box CS0409 has to be ordered separately.

Application Diagram
uniCUE-7-B
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Specifications

Touch-screen display
- Color TFT LCD with LED backlight
- Size 7” / 177.8 mm diagonal, wide screen
- Resolution 800 x 480 pixels (WVGA)
- Display colors 32-bit (True Color)
- Transparency 8-bit Alpha blending
- White luminance 400 cd/m2
- Contrast ratio 1000 : 1
- Pixel pitch 0.19 mm
- Viewing angle ±80° horizontal, ±80° vertical
- Projective capacitive touch overlay

Built-in sensors
- Light sensor for automatic backlight dimming
- Motion sensor for automatic backlight switching on

Buttons
- Multifunctional for power and programmed functions
- Reset
- Set factory default

Memory
- 256 MB RAM
- microSD Card min. 4 GB (upgradable)

Control ports
- 2x Bi-directional serial RS-232/422/485, 5-pin connector
- 4x IR /serial output (IR up to 1.2 MHz), 2-pin connector
- 4x General I/O, 2-pin connector, can be configured as
  - Analog input 0 – 5 V
  - Digital open collector output, max. 80 mA
- 2x Relay NO-C-NC, 24 V, max. 0.5 A, 3-pin connector

Software
- XPL® runtime for application created in Cue Visual Composer
- Admin Web for setup

Video
- Streaming video preview

Audio
- Built-in microphone
- Built-in speakers
- Line in, 3-pin connector
- Line out, 3-pin connector

Wired communication
- 10/100 BaseT LAN, RJ-45 connector

Infrared
- IR receiver for IR capture
- IR transmitter for direct control

Power supply
- 24 VDC (+/-20%), 15 W, 2-pin connector

Physical
- Aluminium front panel
- Back box available
- Dimensions 198 x 147 x 60 mm / 7.8” x 5.8” x 2.4”
- Weight 1.1 kg / 0.5 lb

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

Front Panel

Rear Panel

Mechanical

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