liteCUE-tap

cue

Cost-effective control system with touch-screen keypad for small and medium applications

Main Features

- Complete easy-to-use solution for room control
- Touch-screen keypad with max. 32 buttons
- Plastic enclosure for tabletop or on-wall installation
- Small room controller with various control ports
- Powerful support for IP, serial and IR device control
- Onboard real time clock for scheduled operations
- Power over Ethernet power supply
- Compact surface-mount or free standing metal enclosure
- Web server and Admin Web pages for setup
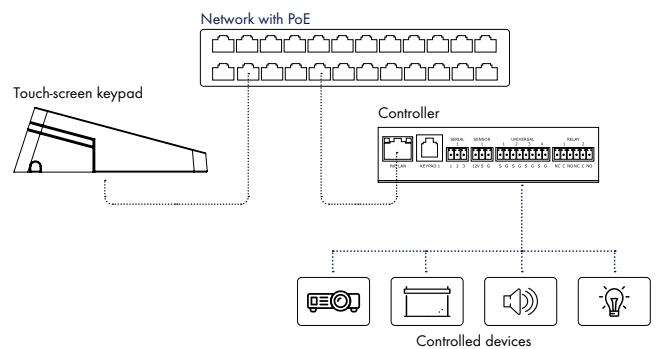- Integration with touchONE reservation system

Description

The basic configuration for deploying a liteCUE-tap assumes the use of a controller controlCUE-basic, in which a control application prepared using the Cue Visual Composer programming tool is loaded.

Then the control unit controls the individual devices installed in the meeting room using IP, serial ports, IR, digital IOs, and relays.

A max. 32-button touch-screen keypad tapCUE4 with 4.3" LCD display is used as a control panel. Control buttons can be divided to max. 4 pages and each button contains an indicator to indicate the status of the system or individual devices.

Both the controller and the touch-screen keypad are connected to the same PoE network from which they are also powered. Therefore, a separate power supply is not required.
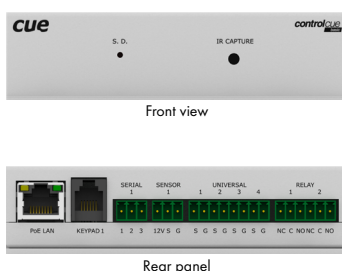
Controller

- 1x Wired 10/100 BaseT LAN
- 1x Keypad port incl. power supply for keypad
- 1x Bi-directional serial RS-232/485 port
- 1x Occupancy sensor port with 12 VDC power supply output
- 4x Universal port
- 2x Low-voltage relay
- IR code capture sensor
- ARM® processor platform
- Internal RAM 256 MB, flash 256 MB
- Onboard real time clock
- Power over Ethernet power supply
- Compact surface-mount or free standing metal enclosure
- Web server and Admin Web pages for setup
- Simple Setup for easy configuration without programming

controlCUE-basic more details

Front view

Rear panel

Touch-screen keypad

- Touch-screen network keypad with user-defined layout
- 4.3" active color LED illumination display
- Projected capacitive touch overlay
- Max. 32 buttons divided into max. 4 pages
- Page navigation using bottom or side menu
- Page layout with 4, 6 or 8 buttons, label for each page
- Caption, icon and indicator in each button
- Ready for different language versions of user interface texts
- Various button types - pushbutton, repeat, toggle
- Programmable bargraph on each page
- User defined colors for page background, buttons, texts, icons, etc.
- Simple configuration using Cue Visual Composer driver properties
- Single cable Ethernet connection with PoE
- Slim plastic enclosure, edge-to-edge front glass
- Tabletop or on-wall installation

tapCUE-4 more details

liteCUE-tap

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CUe

controlCUE-basic specifications

Network
- 10/100 BaseT Ethernet
- 802.1X authentication mechanism and Proxy server support
- Connector - RJ-45

Keypad port
- Power supply +12 VDC output, max. 250 mA
- RS-485 data communication
- Max. 5 keypadCUE-55 can be connected
- Connector - 6P6C modular jack

Control ports
- 1x Bi-directional serial
  RS-232/485 modes
  Connector - Phoenix 3-pin 3.5 mm
- 1x Sensor port
  Power supply output +12 VDC, max. 50 mA
  Digital input
  Connector - Phoenix 3-pin 3.5 mm
- 4x Universal, each port can be used as
  Digital input
  Digital output
  IR output
  Serial output
  Connector - Phoenix 2-pin 3.5 mm
- 2x Low-voltage relay

Internal IR sensor

LED indicators
- Located on the network connector
- Orange Power - indicates power is presented and unit is ready.
- Green Link - indicates network link and activity.

Button
- System Default sets default IP address and password.

Real time and date
- RTC with battery backup

Memory
- Internal RAM LPDDR 256 MB, internal non-volatile flash 256 MB

Software technologies
- Admin Web, XPL^2 inside
- Simple Setup for easy configuration without programming

Power supply
- Power over Ethernet (PoE)
- IEEE 802.3af / Class 0

Physical
- Compact aluminium enclosure
- Protection IP20
- Dimensions 120 x 30 x 80 mm / 4.7" x 1.2" x 3.2"
- Weight 0.2 kg / 0.4 lb

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

tapCUE-4 specifications

Touch-screen display
- TFT transmissive normally white
- LED backlight
- Size 4.3" / 109.2 mm diagonal, wide screen
- Resolution 480 x 272 pixels
- Color depth 16.7 M
- Pixel arrangement - RGB vertical stripe
- Surface luminance 500 cd/m^2
- Response time 20 ms
- Contrast ratio 400 : 1
- Pixel pitch 0.066 x 0.198 mm
- Viewing angle ±70° horizontal, ±70° vertical
- Projected capacitive touch overlay
- Edge-to edge front glass

Buttons
- System Default

Memory
- RAM 8 MB
- Internal non-volatile flash 9 MB

Firmware
- Dedicated touch-screen keypad application
- Admin Web for setup

Network
- 10/100 BaseT LAN, RJ-45 connector
- Communication uses UDP/1900, UDP/33333, UDP/53129, TCP/80, TCP/53128 ports. All these ports must be enabled in router / fire wall settings.

Power supply
- Power over Ethernet (PoE), 802.3af / Class 0 compatible
- Power consumption max. 2.7 W
- PoE Adapter can be ordered separately (product code CS0327)

Physical
- Plastic enclosure
- Tabletop and on-wall mounting accessories delivered
- Multisurface, e.g. glass wall installation
- Compatible with VESA standard 75 mm x 75 mm
- Protection IP30
- Dimensions 128 x 102 x 35 mm / 5.0" x 4.0" x 1.4"
- Weight 0.2 kg / 0.4 lb

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

Box Contents

Controller controlCUE-basic
Touch-screen keypad tapCUE-4
Connector set
Ethernet cable
Quick start guide

Order Information

Product code CS0593