liteCUE-web

Cost-effective control system with web application license
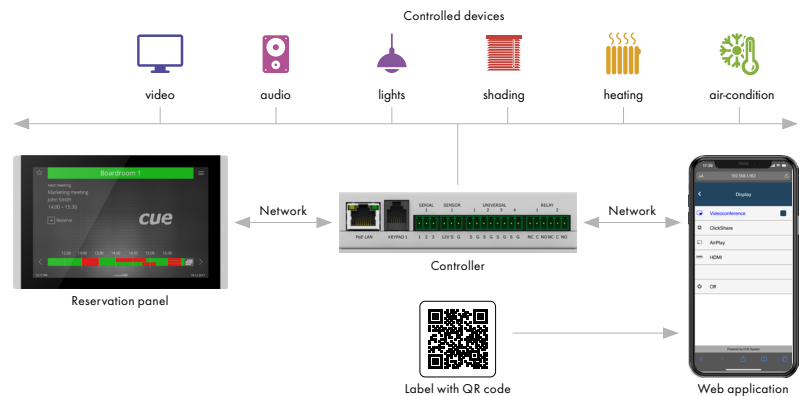
cue

iOS 🤖

Main Features

- Complete easy-to-use solution for room control
- Small room controller with various control ports
- One-time license for web control & reservation application
- Web application activated by scanning a QR code
- All handled from the comfort of own personal device
- All control in user hands
- Web application provides a customized user interface
- Compatible with all mobile platforms
- One-time license purchase

Description

The basic configuration for deploying a liteCUE-web assumes the use of a controller controlCUE-basic, in which a control application prepared using the Cue Visual Composer programming tool is loaded. The control unit controls the individual devices installed in the meeting room. The controller must be accessible from a mobile device via data network.

The QR code for activating the webCUE application can be printed on a label and pasted, for example, to the entrance to the meeting room, table, etc.
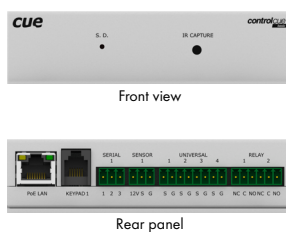
The reservation panel (not part of this set) enables to activate meeting management functions in the web application. The reservation panel and controller must be connected to the same network.

Controlled devices

video   audio   lights   shading   heating   air-condition

Network — Controller — Network

Reservation panel   Label with QR code   Web application

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
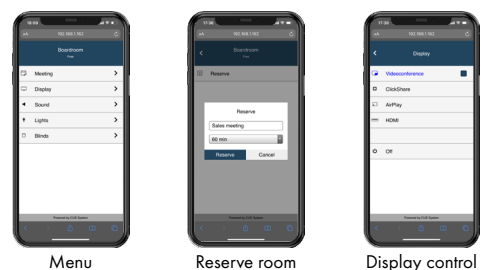- Simple Setup for easy configuration without programming

[controlCUE-basic more details](#)

Front view

Rear panel

Web application

- Opens automatically in the web browser after scanning the QR code
- Access to the application can be free or password protected
- Possible to integrate with the touchONE reservation system
- After integration with toucONE reservation system, following meeting management functions are available: room status indication, meeting info, reserve room, confirm or cancel reservation, extend reservation and finish reservation
- A maximum of 32 buttons divided into 4 pages available for room control
- The pages and buttons optimized for use on a mobile device
- No need to design and program the layout
- All buttons can be customized
- Button types are pushbutton, repeat button with various periods and toggle button with 2 or 3 or 4 states

[webCUE more details](#)

Menu   Reserve room   Display control

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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

webCUE specifications

Operating system
    Apple iOS with Safari or other web browser
    Google Android with Chrome or other web browser
    Microsoft® Windows with new Edge, Chrome or other web browser
Resolution
    Fully responsive web site design
Network
    Wired or wireless (Wi-Fi) network

Application notes

- The webCUE needs a controller used as an application server.
- All software components are included in the Cue Visual Composer. Version 13.00 or higher is required.
- The QR code content
    - URL based on CUEunit IP address
      e.g. http://192.168.1.162/app/index.html
    - URL based on CUEunit host name
      e.g. http://controller-boardroom/app/index.html.
      In this case the controller's host name must have a record in the DNS server of the given network.
- The webCUE license CS0605 must be uploaded to the controller or touch panel and registered. During registration, the unit must be connected to the Internet.
- The controller must be accessible from a mobile device via a network.
- The controller and reservation panel must be connected to the same network.

Box Contents

Controller controlCUE-basic
Web application webCUE license
Connector set
Ethernet cable
Quick start guide

Order Information

Product code CS0608