

controlCUE-hub

Ethernet IP enabled controller & hub with IR blaster

Product code: CS0487



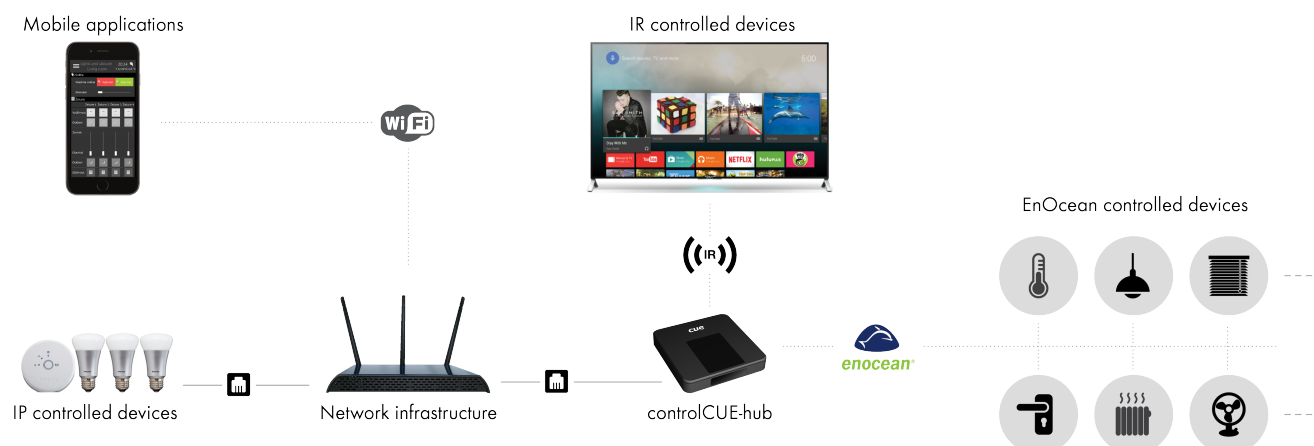
Main features

- Wired network 10/100 BaseT LAN
- IR blaster and IR code capture sensor
- EnOcean wireless communication
- ARM® processor platform
- Internal RAM LPDDR 64 MB, flash 256 MB
- Onboard real-time clock
- Power supply 5 VDC, USB compatible
- Elegant slim enclosure
- Tabletop or on-wall installation
- Web server and Admin Web pages for setup

Description

The controlCUE-hub is a fully functional IP controller with an internal IR blaster and EnOcean wireless communication. It is compatible with IP-accessible devices and connects wirelessly with many EnOcean compatible devices, allowing you to monitor, control, and secure your site from anywhere. It is the perfect heart for DIY products integration incl. retrofit installations. The hub communicates with all different connected products regardless of their communication protocol. Fully compatible with CUE touch panels, this controller can work as a standalone device. Single cable Ethernet connection provides easy network integration. The controller installs easily on a table or on a wall. This controller comes with a web server and allows set up through a standard web browser. Programming is provided by CUE's standard programming tool Cue Visual Composer.

Application diagram



Applications

- Integration hub for DIY products (e.g. Philips HUE)
- Retrofit projects based on wireless systems
- Application and floating license server for mobile user interfaces
- Package with mobile applications
- Package with Android TV application
- Cost-effective infra-red control for every room
- Remote control from any smartphone, tablet, or PC
- Infra-red control in any room
- Automation with schedules
- Scenes for simultaneous control of multiple devices
- Instant alerts via e-mail
- Site monitor and control throw cloud

Specifications

Network

- 10/100 BaseT Ethernet, RJ-45 connector
- Supported protocols: ARP, DHCP, DLNA, ICMP, DNS, FTP, HTTP, HTTPS, IPv4, KNXnet/IP, LDAP, NTP, POP3, RTSP, UPnP, DLNA, SMTP, SNMP, SSDP, SSH, SSL, TCP/IP, Telnet, TLS, UDP/IP, UPnP, Wake-On-LAN, Web Server

Infra-red

- Built-in receiver for code capturing
- Built-in blaster for control
- Maximum IR carrier frequency 500 kHz

LED indicators

- White for power supply presence
- Green / red for booting and IR capture indicationButton
- System Default sets default IP address and password.

Memory

- Internal RAM LPDDR 64 MB
- Internal non-volatile flash 256 MB

Wireless RF communication

- EnOcean®
 - Internal antenna
 - 868 MHz for Europe and countries adopting R&TTE specification
 - EnOcean® Equipment Profiles supported
 - EEP A5-07-01 Listener
 - EEP A5-07-01 Transmitter
 - EEP A5-30-xx Listener
 - EEP A5-30-02 Transmitter
 - EEP A5-xx-xx Generic Listener
 - EEP A5-xx-xx Generic Transmitter
 - EEP D2-01-03 Listener
 - EEP D2-01-03 Transmitter
 - EEP D5-00-01 Listener
 - EEP D5-00-01 Transmitter
 - EEP F6-02-xx Listener
 - EEP F6-02-xx Transmitter
 - EEP F6-xx-xx Generic Listener
 - EEP F6-xx-xx Generic Transmitter

Real time and date

- RTC with battery backup for scheduled operations

Software technologies

- Admin Web
- XPL² inside
- Application and license server for mobile applications

Power supply

- 5 VDC (+/-20%), max. 4 W
- USB-C connector

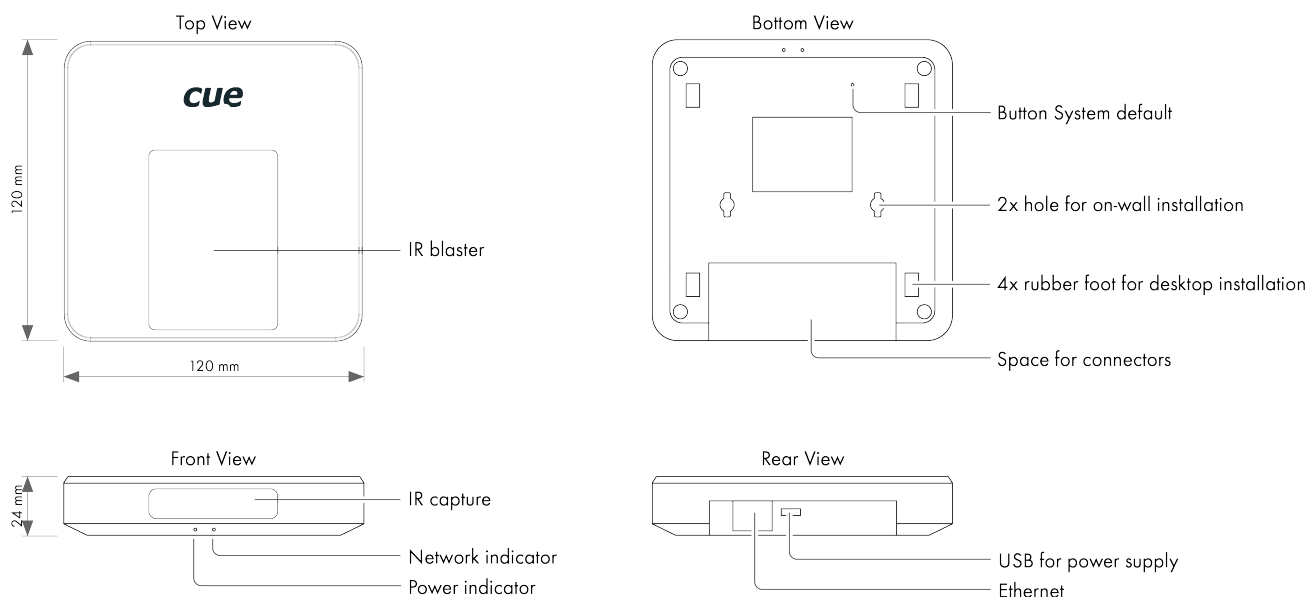
Physical

- Plastic slim enclosure, black color
- Dimensions 120 x 120 x 24 mm / 4.7" x 4.7" x 0.9"
- Weight 0.2 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

Mechanical description



Box contents

- Controller controlCUE-hub
- USB compatible wall power supply 5 VDC
- Ethernet cable
- Quick Start
- Declaration of Conformity & Warranty Conditions

Order Information

Product code CS0487

Documentation

More information can be found in CUE Documentation:

- controlCUE-hub Quick Start