

# controlCUE-hub

Ethernet IP Enabled Controller&Hub with IR Blaster

**cue**



## 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

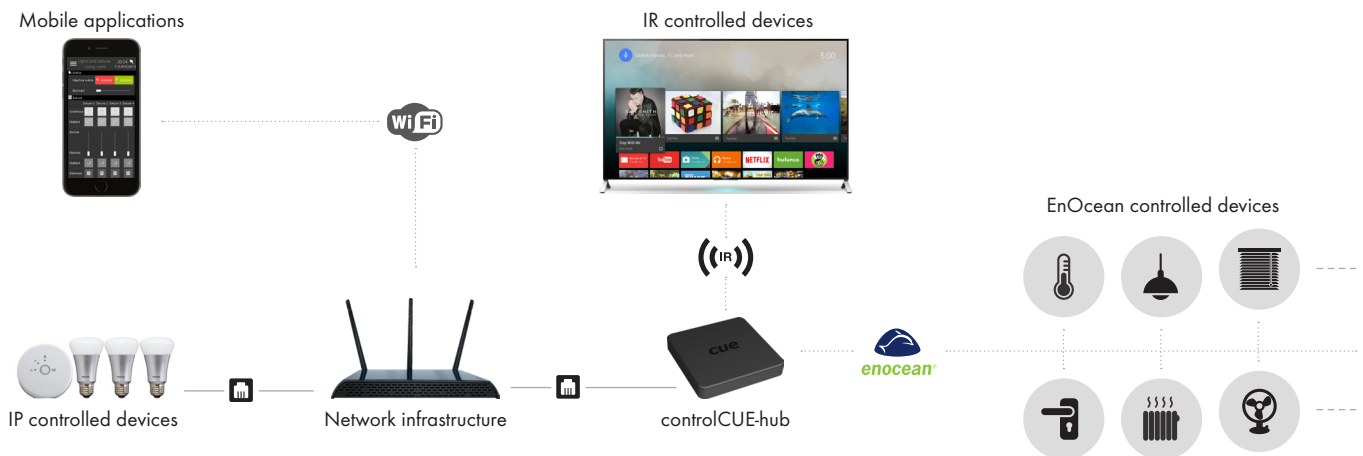
## Description

The controlCUE-hub is fully functional IP controller with internal IR blaster and EnOcean wireless communication. It is compatible with IP accessible devices and connects wirelessly with many of EnOcean compatible devices, allowing 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 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 setup through a standard web browser. Programming is provided by CUE's standard programming tool Cue Visual Composer.

## 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 smart phone, 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

## Application Diagrams



## Box Contents

Controller controlCUE-hub  
USB compatible wall power supply 5 VDC  
Ethernet cable  
Data Sheet  
Cue System Connector Wiring Sheet  
Declaration of Conformity

## Order Information

Product code CS0487

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## 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

### 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

### LED indicators

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

### Real time and date

RTC with battery backup for scheduled operations

### Memory

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

### Software technologies

Admin Web  
XPL<sup>2</sup> 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

