

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

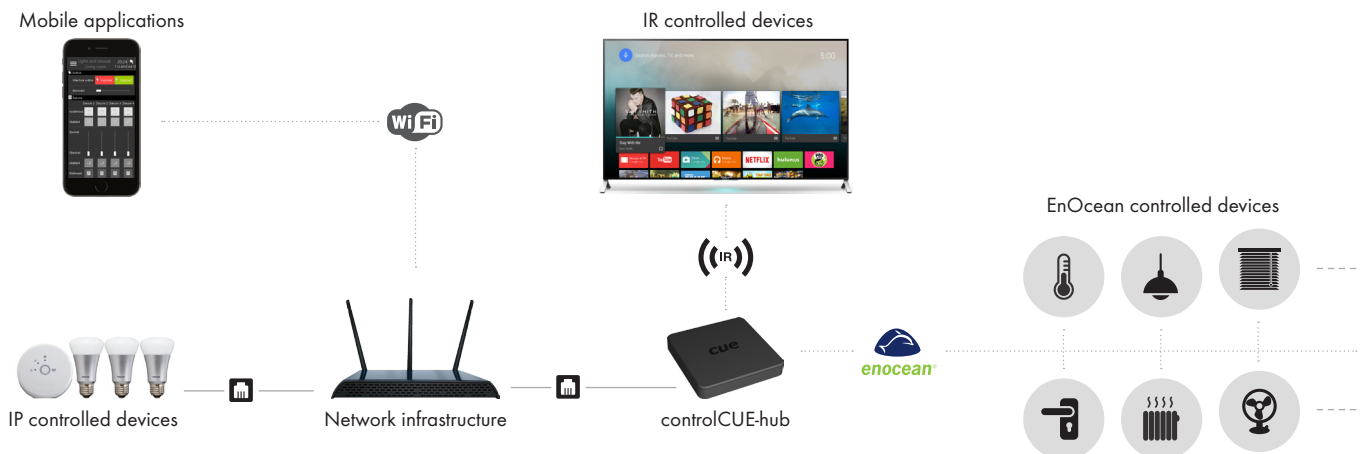
Description

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
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

