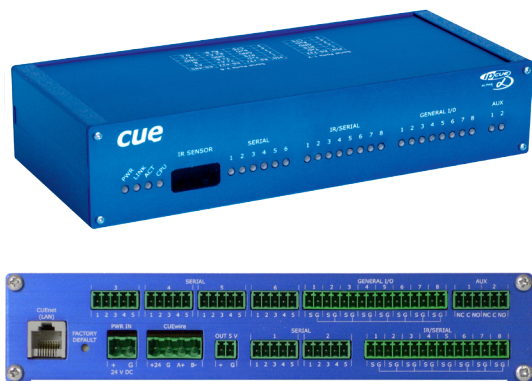


ipCUE-alpha



MAIN FEATURES

- Based on the Motorola ColdFire® processor
- Ethernet IP enabled
- Non-volatile flash memory for user application
- Onboard real time clock
- Fully compatible with current CUE communication buses
- Standard control ports - bi-directional serial, IR/serial, general I/O and relay ports
- Web server and Admin Web pages for setup and diagnostics
- XPL Inside compatible with CUE programming tools
- Front panel indicators for each control port
- Unified enclosure design for desktop, rack, DIN rail and wall installation - no special models required
- 19" rack installation available with accessories

SPECIFICATIONS

Control ports

- 2x Bi-directional serial RS-232, 5-pin connector
- 4x Bi-directional serial RS-232/422/485, 5-pin connector
- 1x Bi-directional serial RS-485 (CUEwire), 4-pin connector
- 8x IR /serial output (IR up to 1.2 MHz), 2-pin connector
- 8x General I/O, 2-pin connector, can be configured as Analog input 0 – 5 V
- Digital open collector output, max. 80 mA
- 2x Relay 24 V, max. 0.5 A, 3-pin connector

Power output

- 5 VDC, max. 1 A

Internal IR sensor

- IR code capture, IR wireless control panel link

LED indicators

- Power, CUEnet, CPU, all control ports

Button

- Reset / Set factory default

Real time and date

- RTC with battery backup

Memory

- Internal RAM 16 MB
- Internal flash 16 MB

Software technologies

- Admin Web, XPL Inside, WXL

System communication

- 10/100 BaseT Ethernet , RJ-45 connector
- CUEwire, 4-pin connector 5.08 mm

Power supply

- 24 VDC (+/-20%), 12 W, 2-pin connector 5.08 mm

Physical

- Blue metal enclosure

Dimensions

210 x 43.5 x 92 mm / 8.3" x 1.7" x 3.6"

1/2 rack space, 1 U

Weight 0.6 kg / 1.3 lb

Operating environment

- Temperature 10° to 40° C
- Humidity 10% to 90% non-condensing

DESCRIPTION

The ipCUE-alpha is a member of Ethernet IP enabled controller family. The control ports include bi-directional serial channels RS-232/422/485, serial outputs, infrared outputs up to 1.2 MHz, general I/O ports that can be configured as analog inputs or digital outputs and 24 volts relay outputs. The Ethernet port allows for bi-directional IP control of any manufacturer IP enabled products. The ipCUE-alpha is fully compatible with CUE's existing range of button panels and touch panels through and comes equipped with a CUEwire port. For convenience there has also been a +5 VDC output added to the design for powering external low-voltage equipment. The ipCUE-alpha is equipped with internal IR sensors. The sensors allow capture IR codes and receive IR codes from hand-held transmitters. Convenient for testing and troubleshooting this model also comes with front panel indicator LEDs that indicate the status of all the control ports. The ipCUE-alpha keeps date and time with its onboard real time clock (RTC) and thus allowing for a wide variety of distributed intelligence scheduling applications. The ipCUE-alpha comes complete with a web server and allows for setup, configuration, and testing through a standard web browser. This web-based interface allows for the graphical monitoring and control of all ports, which provides a truly time saving method for testing and troubleshooting.

APPLICATIONS

- Commercial single-room applications
- Commercial huge multi-room and multi-floor distributed systems
- Home theater applications
- Complete residential home automation

ORDER INFORMATION

Product code CS0251

STANDARD BOX CONTENTS

Controller ipCUE-alpha
Connector set
4x IR Adapter /i
Ethernet cable straight-through
Ethernet cable crossed-over
CUEadapter /30W incl. power cable
Warranty Conditions, CE Declaration, RoHS Declaration
Controller Data Sheet, Cue System Connector Wiring Sheet
CUE Application CD