controlCUE-basic
CS0552

cue

Description

- IR capture sensor
- System Default button

- 2 x Low voltage relay
- 4 x Universal port
- Sensor port
- Bi-directional serial port
- Keypad port
- Ethernet with PoE
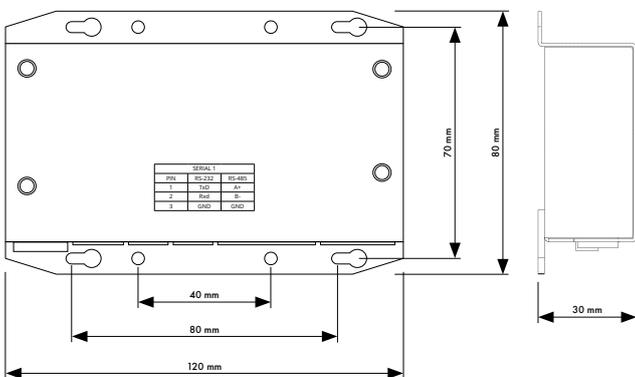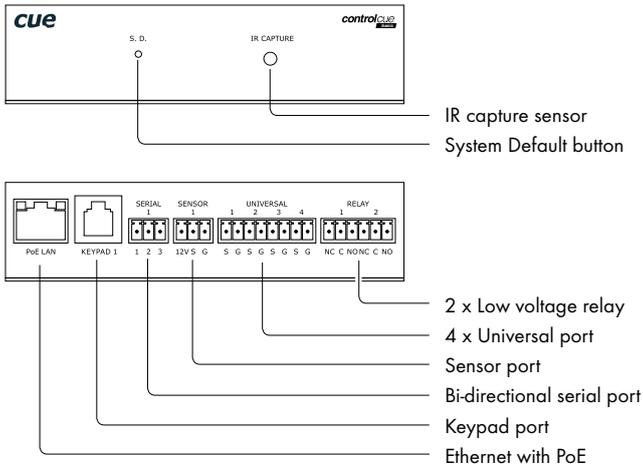

Power Supply and LAN Connection

PoE Power Supply

The integrated IEEE 802.3af PoE support allows installation in areas where PoE network infrastructure is installed.
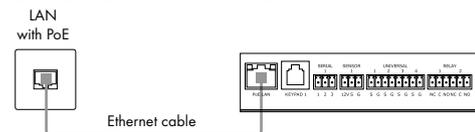
If the LAN does not support PoE (IEEE 802.3af or IEEE 802.3at), use PoE adapter (not delivered)
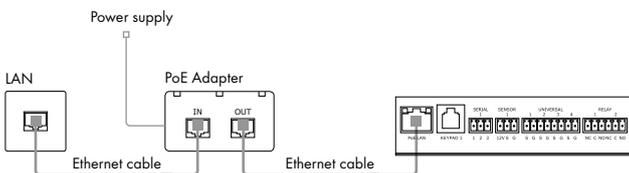
System Default Setup

When System Default button is pressed longer then 5 sec., the system default function is performed and setup is as follows

- IP address: from DHCP (192.168.1.127 without DHCP)
- IP Mask: from DHCP (255.255.255.0 without DHCP)
- Password: Empty (no input required)

User Manual

Complete user manual can be downloaded here:

http://www.cuesystem.com/user_manuals.aspx

www.cuesystem.com | support@cuesystem.com

Connector Pinouts

SENSOR 1

Pin	Description
12V	Power +12 VDC output
S	Signal (digital input)
G	Ground

UNIVERSAL 1 - 4

Pin	Description
1 S	Universal 1 - signal
1 G	Ground
2 S	Universal 2 - signal
2 G	Ground
3 S	Universal 3 - signal
3 G	Ground
4 S	Universal 4 - signal
4 G	Ground

SERIAL 1

Pin	RS-232	RS-485
1	TxD	A+
2	RxD	B-
3	Ground	Ground

RELAY 1 - 2

	Pin	Description
	NC	Relay 1 - contact normal close
1	C	Relay 1 - common contact
	NO	Relay 1 - contact normal open
	NC	Relay 2 - contact normal close
2	C	Relay 2 - common contact
	NO	Relay 2 - contact normal open

KEYPAD 1 (6P6C connector)

Pin	Description
1	+24 V DC (+/- 20%)
2	+24 V DC (+/- 20%)
3	A+
4	B-
5	Ground
6	Ground

rear-side view
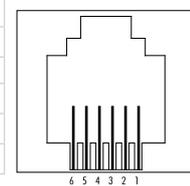
keypadCUE-55 Connection

6P4C to 6P4C (atl. 6P6C to 6P6C) straight cable — max. 5 keypads
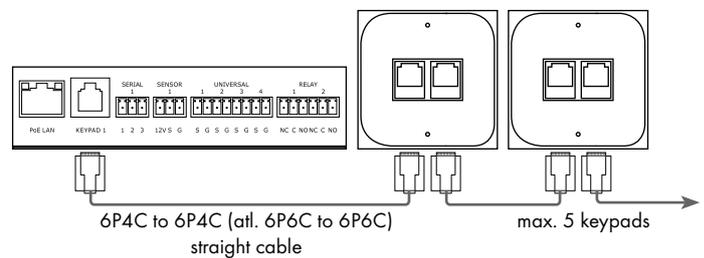
Universal Ports Usage

Input modes	
Digital input	Input protected to +30VDC / -12 VDC
	Threshold 2.0 V:
	• binary 0 < 0.8 V
	• binary 1 > 2.2 V
	Input impedance >100 kΩ

Output modes	
Digital output	Open collector
	Max. sink current 200 mA / max. 30 VDC
	Catch diodes for use with inductive load
Current pull-up	Current-source pull-up 9 mA (max. 10 V)
Current pull-down	Current-source pull-down -9 mA (max. -10 V)
IR output	Maximum IR carrier frequency 500 kHz
	Up to 3 original IR Adapter /i in parallel
Serial output	RS-232
	Serial data baud rate 300 Bd ÷ 115 200 Bd (bps)