

IR(Infrared) CAT5 Extender

ITEM NO.: IE01

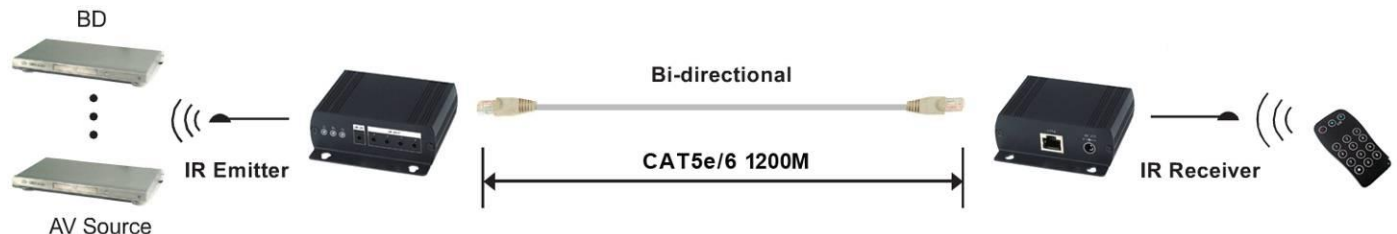


This extender kit allows you to add IR remote control for up to four A/V devices over a single Cat5e/6 cable. Devices can be controlled from up to 1200 meters away. The external power only requested at one side, either at sender or receiver side. 2 sets of IR emitter/receiver cable and one power adapter are included. Suitable for home theatre, lecture theatres, AV rooms, conference rooms, shop window and merchandising displays.

IE01 IR CAT5 Extender

- Extend IR (infrared) control signal up to 1.2KM over one CAT5/5e/6 cable.
- IR receiver frequency range: 30Khz to 60Khz.
- Supports up to 4 outputs.
- Support Bi-directional application.
- External power adapter requested either at transmitter or receiver unit.
- Package include IR CAT5 Extender Kit, 1 x power adapter, 2 x IR emitter cable, 2 x IR receiver cable.
- Option model: IR-CT01 IR emitter cable.

Installation View:



Cable:

Link Cable recommend use high quality Cat.5e. UTP, STP or FTP cable.

Transmission Range:

Working distance up to 1.2KM.

RJ45 pin Define:

Video Link

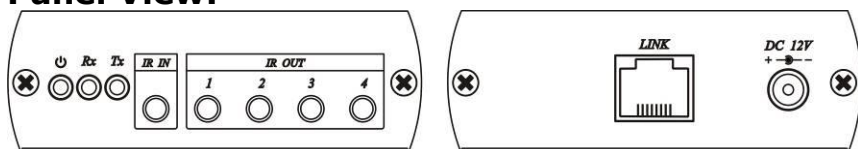
1. Orange-white	12V
2. Orange	12V
3. Green-white	GND
4. Blue	RS485 A1
5. Blue-white	RS485 B1
6. Green	GND
7. Brown-white	RS485 A2
8. Brown	RS485 B2

LED Indication:

GREEN	Power on/off
BLUE	IR signal receiving
RED	IR signal emitting

Caution:

Do not put IR emitter cable near the IR Receiver cable that may cause IR not working.

Panel View:**Specification:**

ITEM NO.	IR Emitter	IR Receiver
IR	3.5mm Phone Jack x 4	3.5mm Phone Jack x 1
IR Carrier Frequency	30KHz ~ 60KHz	
Extender Distance	1.2KM	
IR Operating Distance	8 M	10 M
IR Operating Angle	± 30 deg	± 55 deg
Power Supply	Regulated DC12V 500mA	
Power Consumption	100mA (Max)	
Dimensions mm	88 x 95 x 30	
Weight g	185	