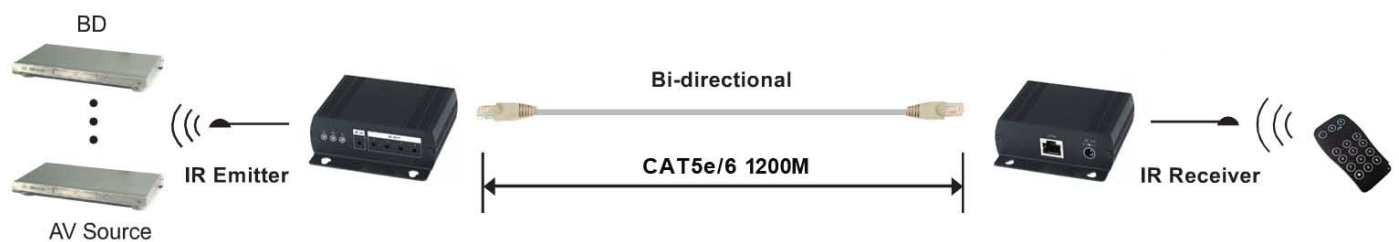| IR(Infrared) CAT5 Extender |
|---|

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
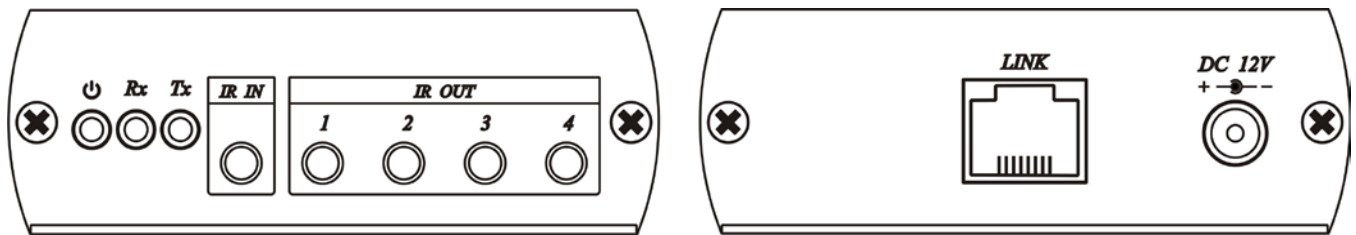8. Brown   RS485 B2

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	4 Port	1 Port
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 12V / 0.5A	
Power Consumption	100mA (Max)	
Dimensions	88*95*30 (mm)	
Shipping Weight	170 g	

RoHS CE FC C