

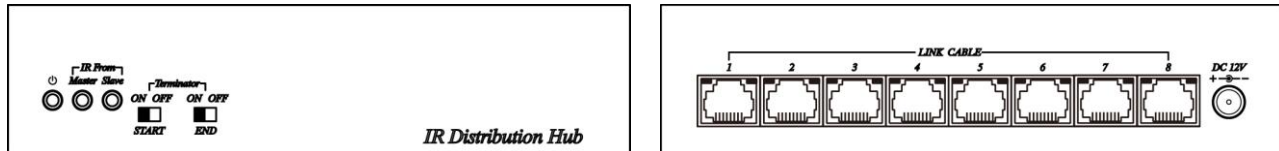
8 PORT IR(Infrared) Distribution Hub over CAT5

ITEM NO.: IE08H

IE08H 8 Port IR Distributor Hub over CAT5 cable

- CAT5e IR distribution hub allows connection of 1 distribution and up to 8 receivers box by IE01 CAT5 Extender.
- Built in 8 port RJ45 to connect up to 8 pcs of IE01 IR CAT5 Extender.
- It could be chainable up to 3 units of IE08 hub. (total works with 20x IE01)
- Support multiple IE01 (Master Mode) and multiple IE01 (Slave Mode)
- Working distance up to 300Meters over CAT5e cable.
- The power could be send from IE01.
- Option model: IE01

Panel View:



Cable:

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

Transmission Range:

Working distance up to 300Meters

RJ45 pin Define:

		RJ45 JACK		
		PIN	Color	Function
<p style="text-align: center;">JACK POSITION</p>		1	W-O	POWER IN
		2	O	POWER OUT
		3	W-G	GND
		4	BL	DATA 1 +
		5	W-BL	DATA 1 -
		6	G	SLAVE DETECT
		7	W-BR	DATA 2 +
		8	BR	DATA 2 -

Front Panel LED Indication :

Green Power on/off
 Blue M(Master) → S(Slave)
 Red S(Slave) → M(Master)

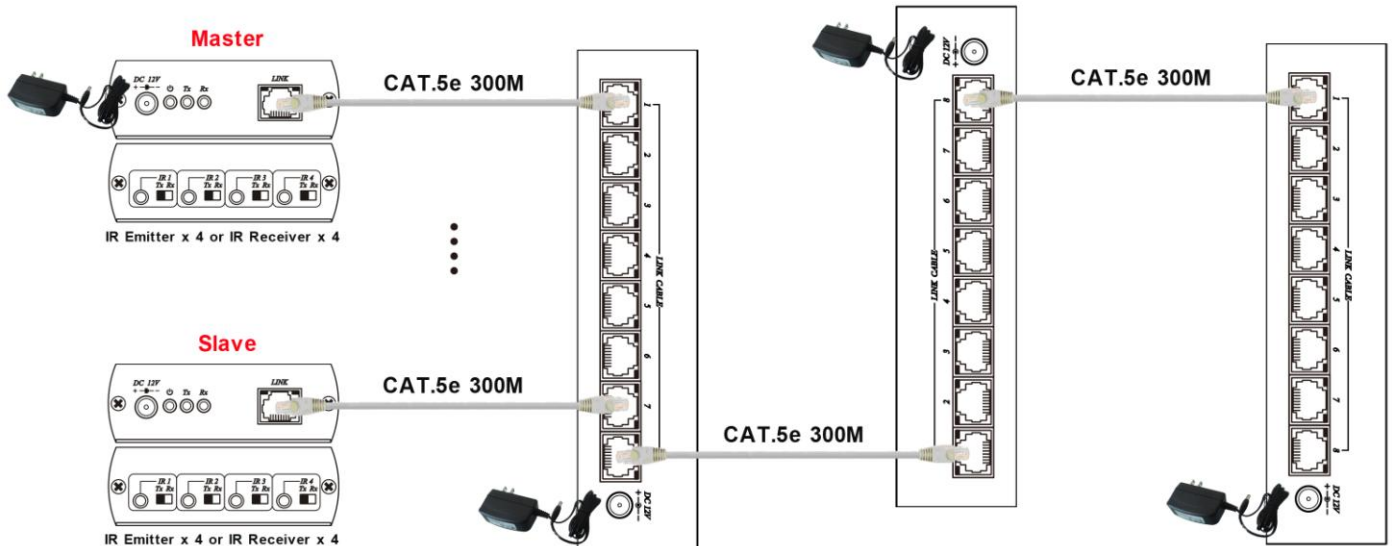
RJ45 LED Indication :

Green connect IE01 as Master port
 Yellow connect IE01 as Slave port

Caution:

1. Do not put IR emitter cable near the IR Receiver cable that may cause IR not working.
2. IR transmitter only send one signal to all receivers at one time.
3. Power send by IE01 that only could support 5 ports of IE08H.

Installation View:

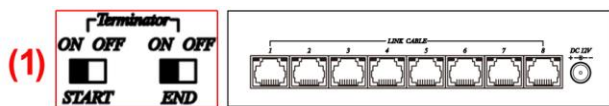


- Master as IE01 with external power adapter
- Slave as IE01 without power adapter
- IR signal transmission direction: Master → Slave
Slave → Master

Terminal Resistors Setting :

One unit IE08 setting :

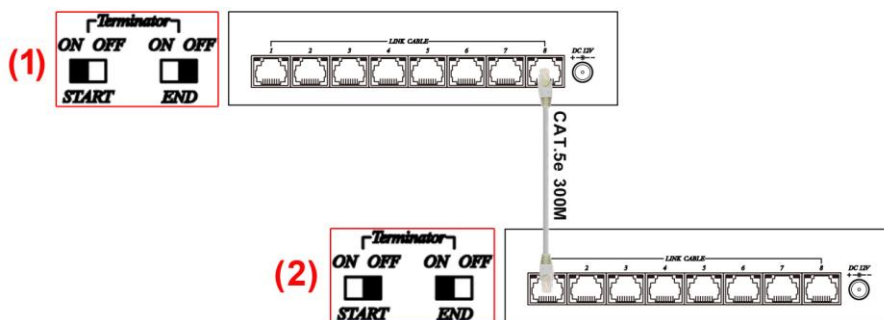
IE08 (1) Slide switch START and END both need setting at "ON" position



Two units of IE08 Setting

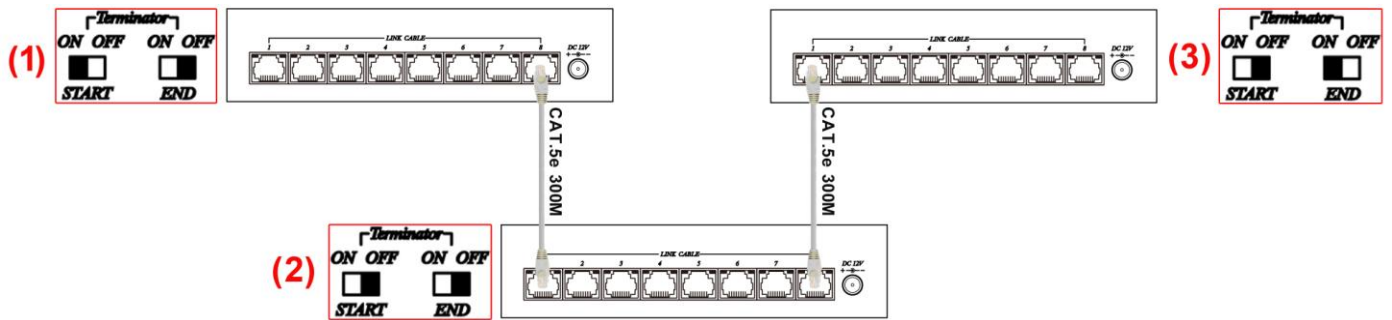
IE08 (1) Slide switch START setting at ON , END setting at OFF

IE08 (2) 滑動開關 START 設定為 OFF , END 設定為 ON



三台 IE08 設定方式 :

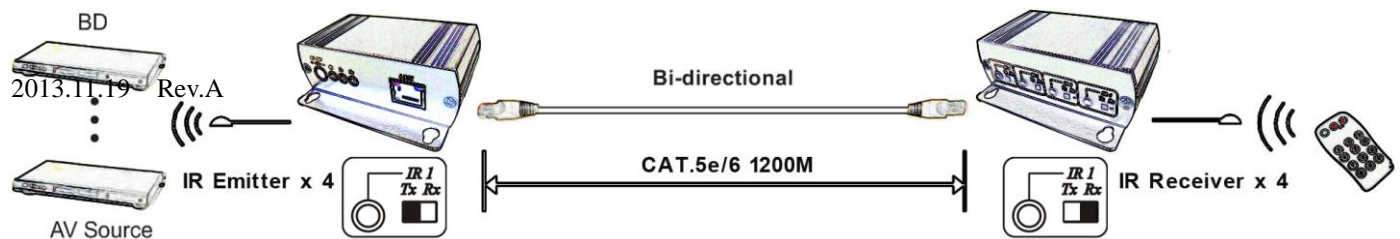
- IE08 (1) 滑動開關 START 設定為 ON , END 設定為 OFF
- IE08 (2) 滑動開關 START 設定為 OFF , END 設定為 OFF
- IE08 (3) 滑動開關 START 設定為 OFF , END 設定為 ON



- Terminator START 表示設定 RJ45 Port 1
- Terminator END 表示設定 RJ45 Port 8

規格：

產品型號	IE08	
輸入/輸出介面	RJ45 x 8	
最遠傳輸距離	300 公尺	
最大消耗電流	100mA	
電源變壓器	DC 12V 1A	
環境規格	工作溫度：0~55℃，儲存溫度：-20~85℃，相對濕度：最高 95%	
尺寸	mm	167 x 98.5 x 40
重量	g	450



Slide Switch Operation:

1. DVD at remote side, IE01 Receiver unit move the slide switch to RX and connect IR receiver cable. IE01 Transmitter unit move the slide switch to TX and connect IR emitter cable.
2. DVD at local side, IE01 Transmitter unit move the slide switch to RX and connect IR receiver cable. IE01 Receiver unit move the slide switch to TX and connect IR emitter cable.

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

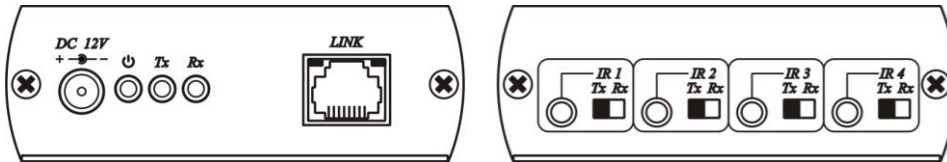
RJ45 LED Indication:

- GREEN on: With External power adapter (Power Master)
- ORANGE on: Without external power adapter (Power slave)

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, use slide switch to setup TX/RX	
IR Carrier Frequency	30KHz ~ 60KHz	
Extender Distance	1.2KM	
IR Operating Distance	7 M	8 M
IR Operating Angle	± 30 deg	± 55 deg
Power Supply	12V 0.5A	
Power Consumption	100mA (Max.)	
Dimensions mm	88 x 75 x 30	
Weight g	155	



Rev. A