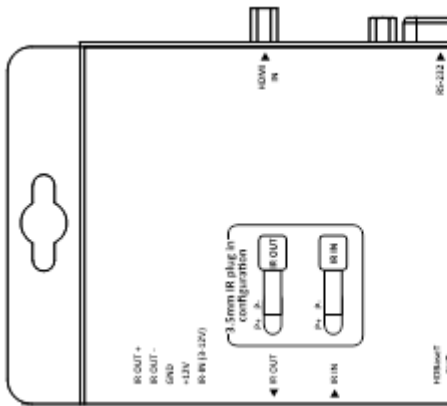
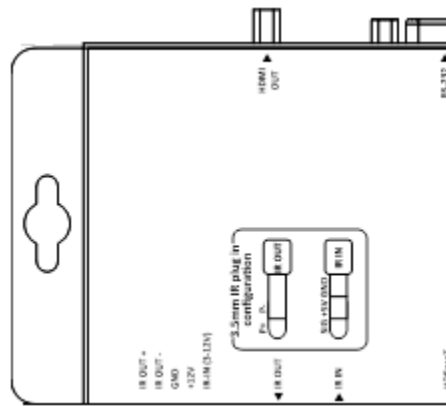




User Manual



ZIG-POE-70
TRANSMITTER



ZIG-POE-70
RECEIVE

Package Contents-

- 1 x Transmitter
- 1 x Receiver
- 1 x User manual
- 1 x Power adapter DC 48V with lock
- 1 x IR receiver
- 4 x Screws
- 8 x Foot pads
- 2 x Captive screw connectors
- 2 x Phoenix connectors
- IR IN Cable

Features

- Extend HDMI signals up to 70 meters/228 feet by using Cat-5e/6/7
- Supports HDMI 1.4 with 3D
- Supports HDMI 1.2 and 1.3
- HDCP compliant 1.4 & 2.2
- Supports 3D pass-through
- Supports CE pass-through
- Supports RS-232 (Bi-direction transfer)
- Supports all frequency band IR control (Bi-direction transfer)
- Supports 12V or 5V IR Receiver/Emitter
- Full HD support: 1080P@60Hz, 3D and 4Kx2K
- HD-BaseT technology
- Uses Cat-5e/6/7 cable for easy installation

Specifications

Function	Transmitter
HDMI IN	1 x HDMI type A
HDMI OUT	None
RJ-45 Connector	1
IR Terminal Block 5 pin	1
IR OUT	3.5mm Stereo jack x 1
IR IN	3.5mm Stereo jack x 1

		3.5m
Max Resolution	4K UHD 2160P60 4:2:0	
Cable Distance	70 meter	
Power Adapter	DC 48V with lock	
Housing	Metal	
Weight	296g .65 lbs.	
Dimensions LxWxH	150x74x24mm 5.9x2.9x.95 Inch	

TRANSMITTER/RECEIVER FRONT VIEW



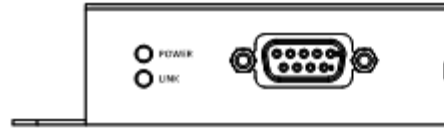
1. IR 5-pin Terminal Block
2. IR OUT
3. IR IN
4. HDbaseT OUT Link (TX)
HDbaseT IN Link (RX)
5. TX ONLY POWER JACK 48V DC

TRANSMITTER REAR VIEW



1. POWER LED
2. LINK LED
3. RS-232
4. HDMI IN

RECEIVER REAR VIEW



1. POWER LED
2. LINK LED
3. RS-232
4. HDMI OUT

Installation

1. Be sure to turn OFF the HD source and HDTV.
2. Connect the HDMI extension cable between HD Source and HDMI In port of the Transmitter.
3. Connect the HDMI extension cable between the HDTV and the HDMI Out port of the Receiver.
4. Connect Cat 5e/6/7 cable between the Transmitter Link port and the Receiver Link port of the Receiver.

IR Receiver Cable Directions:

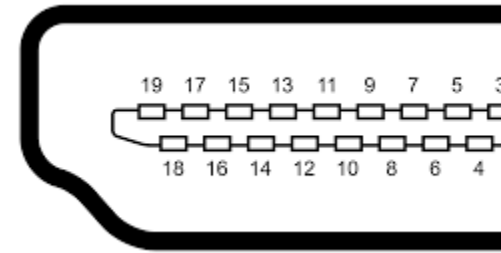
Plug the IR receiver into the ZIG-POE-70-RX "IR IN" port and place the IR receiver so you can point to it easily with your IR remote controller.

IR Emitter Directions:

Plug any brand IR emitter into the ZIG-POE-70-TX "IR OUT" port and place the IR sensor directly on the IR window on the front panel of the device you intend to control.

Additional Options

1. IR Receiver Cable



Pin	Signal	Pin	Signal
1	TMDS Data 2+	11	TMDS Clock Shield
2	TMDS Data 2 Shield	12	TMDS Clock -
3	TMDS data 2 -	13	CEC
4	TMDS Data 1+	14	Reserved (N.C. on device)
5	TMDS Data 1 Shield	15	SCL
6	TMDS Data 1 -	16	SDA
7	TMDS Data 0+	17	DDC/CEC Ground
8	TMDS Data 0 Shield	18	+5 power
9	TMDS Data 0 -	19	Hot Plug Detect (HPD)
10	TMDS Clock +		

HDMI Connector Signal Pin Out

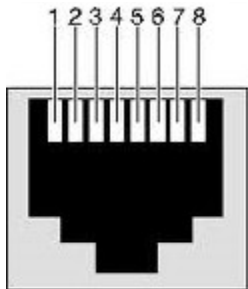
Pair 3	3	White-Green
	6	
Pair 4	7	White-Brown
	8	

ZIGEN

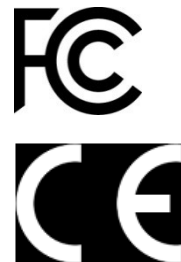
Trademarks:

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RJ-45 Wiring Information & Coding



Looking into connector



3 Year Limited Warranty

Conductor Identification	RJ-45 Plug Pin Assignment	Color Code for Conductor
Pair 1	5	White-Blue
	4	
Pair 2	1	White-Orange
	2	Orange

ONE-TO-ONE SYSTEM CONNECTION EXAMPLE

