



HDMI Extender

50m HDMI Extender over single Cat5e/6, with Bi-directional wide-band IR, EDID

EX50-3D-IR2

FEATURES

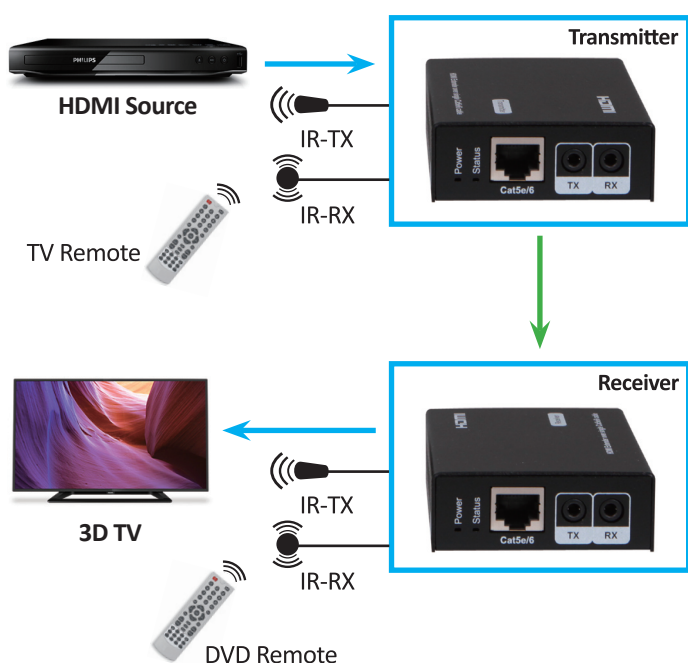
EX50-3D-IR2

Size : 65mm (W) x 24.1mm (H) x 85mm (D)

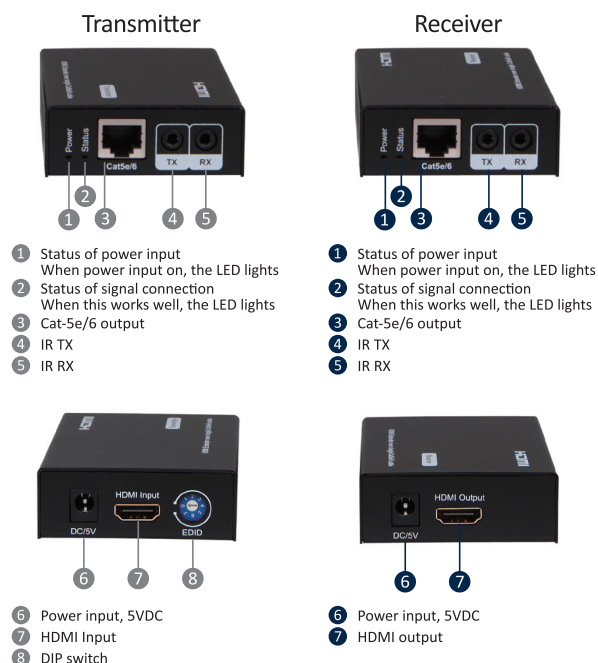
- Allows HDMI Audio/Video Signals and IR to be transmitted over a **50m** single Cat5e/6 Cable.
- Transmits a wide-band (38K-56KHz) Bi-Directional IR control signal together with the HDMI signal.
- Automatically adjusts feedback, equalization and amplification.
- EDID DIP switch on Transmitter to enhance EDID communication between sources and displays.
- Supports PCM ,Dolby Digital™, and DTS Digital Surround™.
- Follows IEEE-568B cable termination standards.
- Supports 3D video format.

WIRING DIAGRAM

- HDMI Cable
- Cat5e/6 Cable



OPERATING INSTRUCTIONS



SPECIFICATIONS

Operating Temperature Range	-5 to +35° C (+23 to + 95° F)	Audio format supported	DTS-HD Master Audio, Dolby True HD, multi-channel 5.1, stereo etc.
Operating Humidity Range	5 to 90%RH (No Condensation)	Output Video Signal	HDMI
Date Transfer Speed	6.75 Gbps	Dimensions (W x H x D)	2.56" x 0.95" x 3.34" (65mm x 24.1mm x 85mm)
Connectors Transmitter	HDMI Receptacle x 1 RJ 45 Receptacle x 1 Power DC Receptacle x 1 IR Receptacle x 2 (for IR TX and RX cable)	Power supply	DC 5V Power supply
Connectors Receiver	HDMI Receptacle x 1 RJ 45 Receptacle x 1 Power DC Receptacle x 1 IR Receptacle x 2 (for IR TX and RX cable)	Power consumption	4W (MAX)
Resolution outputs	1080P/1080i/720P/576P/480P	Transmission Distance	1080P up to 50m
		Net Weight	319g (1 Pair)
		IR wavelength & Frequency	Wavelength: 940nm IR Frequency: 38KHz - 56KHz
		PACKAGE CONTENTS	
		● 1 X HDMI Transmitter ● 2 X IR TX Emitter ● 2 X 5V/1A DC Adapter	
		● 1 X HDMI Receiver ● 2 X IR RX Receiver ● 1 X User Manual	