

HDMI Over Dual Cat5e/6 Cables



User manual

I. Introduction

The HDMI extender over dual Cat5e/6 cables with IR control, allows you to use your existing Cat5e/6 cables to transfer 1080P HD video and new lossless compressed digital audio with a bandwidth up to 165MHz. It also allows you to use your existing remote to control your device through an IR emitter at the receiver end of the signal (where the display device is, such as a TV).

II. Features

1. Compliant with HDMI 1.3b, HDCP 1.1 and DVI 1.0 standards.
2. Supports digital video format up to 1080p and new lossless compressed (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio) Digital audio
3. Equalises and recovers incoming TMDS data before re-transmitting it in high quality, regardless of the incoming signal quality.
4. Supports HDMI1.4 with 3D function.
5. IR extender

III. Package

1. HDMI Transmitter
2. HDMI Receiver
3. IR Tx cable
4. IR Rx cable
5. 5V1A DC Power Supply Adaptor
6. Product Manual

IV. Specifications

HDMI Transmitter ports 1 x HDMI, 1x IR Tx, 2xCat5e/6

HDMI Receiver ports 1 x HDMI, 1x IR Rx, 2xCat5e/6

Power Supply 5V DC 1A

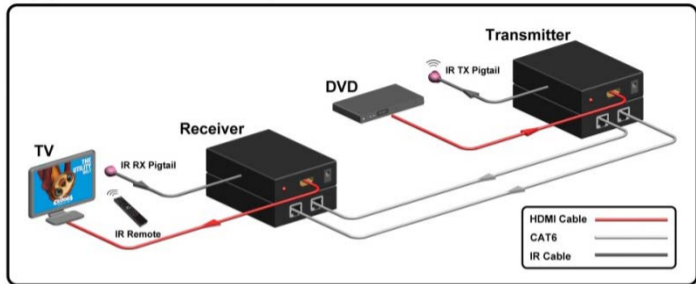
ESD Protection Human body model: $\pm 8\text{kV}$ (air-gap discharge), $\pm 4\text{kV}$ (contact discharge)

Dimension 80mm x 41mm x 25 mm

V. Connect and Operate

1. Connect the signal source such as Blu-ray players, Gaming consoles, Pay TVs, cable or satellite receivers and computers that have a HDMI output with a short HDMI cable no longer than 5m to the HDMI socket on the transmitter unit.
2. Connect the transmitter to the receiver by using 2 x Cat5E or Cat6 UTP (Unshielded Twisted Pair) cable that is terminated with an RJ45 plug. It is strongly recommended to use Cat6 cable to achieve 30m.
3. Connect the HDMI output socket from the receiver to the HDMI input socket of any high-definition display devices such as LCD, DLP or HD projectors with a short HDMI cable, no longer than 5m.
4. Plug in the IR receiver into the RX socket/port on the Receiver. Have the IR emitter plugged into TX socket/port the transmitter and point it towards the signal source (Blu-ray player, Gaming consoles, and Pay TV boxes etc).

VI. Application Example



IMPORTANT:

- Never attempt to open, repair or modify any part of this unit or its accessories.
- Never get any part of the device or its accessories wet.
- Failure to adhere to these points will result in a void of warranty.