HDMI Extender (70m)
with IR Control

VER 1.0

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shook, lighting strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

Table of Contents

1. Introduction

This HDMI Extender can extend high definition video/audio signal and IR control signal up to 230ft/70m for 1080p resolution, and 131ft/40m for 4K30 resolution via a single CAT6 cable, which can achieve zero-delay, uncompressed long-distance transmission between the transmitter and receiver. This extender with HDMI loop output can be cascaded to the next extender, supporting resolution up to 4K@30Hz. It supports EDID copy function (you can choose local or remote EDID). It supports audio formats up to PCM7.1, Dolby True HD, DTS HD. This product can be widely used in multi-media conference halls, TV teaching and large-screen displays.

2. Features

☆ HDMI 1.4, HDCP 1.4 and DVI 1.0 compliant
☆ Support video resolution up to 4k2k@30Hz YUV 4:4:4
☆ The maximum transmission distance via a single CAT6/5E cable is as follows:
  CAT6: 230ft/70m for 1080p, 131ft/40m for 4K30
  CAT5E: 197ft/60m for 1080p, 115ft/35m for 4K30
☆ Support copying EDID from receiver display or loop out display
☆ Allow for cascading via additional HDMI loop out port
☆ Support one-way POC functionality (from transmitter to receiver)
☆ One-way IR signal transmission
☆ Compact design for easy and flexible installation

3. Package Contents

① 1 × HDMI Transmitter
② 1 × HDMI Receiver
③ 1 × IR Blaster Cable (1.5 meters)
④ 1 × IR Receiver Cable (1.5 meters)
⑤ 1 × 12V/1A DC Power Adapter
⑥ 1 × User Manual

4. Specifications

Technical	
HDMI Compliance	HDMI 1.4
HDCP Compliance	HDCP 1.4
Video Bandwidth	10.2Gbps
Video Resolution	Up to 4K@30Hz
Audio Support	Up to 7.1CH HD audio
Input TMDS Signal	3.3 volts
Input DDC Signal	5.0 volts/P-P
ESD Protection	Human Body model: +/- 8 kV (air-gap discharge) +/- 4 kV (contact discharge)