

## 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 multimedia conference halls, TV teaching and large-screen displays.



4K30Hz Support	Long Distance Transmission	Over Cat5e/Cat6	Power over Cable	EDID Copy (Local / Remote)	IR Control (One-way)	HDMI Loop Out	Cascading Support	Zero Delay Uncompressed

## FEATURES

- ✓ HDMI 2.0, 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

## PACKAGE CONTENTS

- 1 x HDMI Transmitter
- 1 x HDMI Receiver
- 1 x IR Blaster Cable (1.5 meters)
- 1 x IR Receiver Cable (1.5 meters)
- 1 x 12V/1A DC Power Adapter
- 1 x User Manual



## SPECIFICATIONS

Item	Description
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 1.4
DVI Compliance	DVI 1.0
Video Bandwidth	10.2 Gbps
Video Resolution	Up to 4k2k@30Hz YUV 4:4:4
Audio Formats	PCM7.1, Dolby True HD, DTS HD
Transmission Distance	CAT6: 230ft/70m for 1080p, 131ft/40m for 4K30 CAT5E: 197ft/60m for 1080p, 115ft/35m for 4K30
Cable	CAT6/5e/5 (recommended CAT6)
ESD Protection	Human body model: ±8kV (Air-gap discharge) ±4kV (Contact discharge)
Dimensions (L×W×H)	88mm × 57mm × 18mm
Weight	Transmitter: 100g / Receiver: 100g

Item	Description
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Humidity	20% ~ 90% RH (non-condensing)
Power Supply	DC 12V/1A
Power Consumption	Tx: 3W, Rx: 3W
POC	One-way POC (from Transmitter to Receiver)
IR Support	One-way IR signal transmission
EDID Support	Copy EDID from receiver or loop out display
Loop Out	HDMI Loop Out on Transmitter
Cascading	Support cascading via loop out port
Mounting	Wall-mountable (with mounting ears)
Color	Black

## CONNECTION DIAGRAM

