

## HDMI EXTENDER - ALF-EXT 60 IR (Rx/Tx)

HDMI Extender over CAT5e/CAT6



### DESCRIPTION

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The EXT-60IR extends HDMI signal between Transmitter and Receiver over CATx cable. It supports 1080p@60Hz video signals up to 55m including embedded multi-channel audio and HDCP1.4. Built-in EDID make this product compatible with most display and source device, to ensure HDMI transmission. Advanced power design (PoC) allows this product to be powered at Transmitter, and only one power supply is required. In addition, the EXT-60IR send /receive IR signals each other over the same CATx cable with IR pass through.

### FEATURES

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- Supports HDMI 1.4, HDCP1.4 compliant.
- Supports built-in EDID to ensure HDMI signals transmission from source to display.
- The transmission of 1080p@60Hz (max) signal is up to 55m
- Supports bidirectional IR pass-through
- Supports PoC, the Receiver can be powered via Transmitter.

## TECHNICAL SPECIFICATIONS

### EXT60 IR - HDMI Extender over CAT5e/CAT6

#### Input and Output

Input	: 1 HDMI
Input Connector	: 1 19-pin type-A female HDMI
Output	: 1 HDMI; 1 HDBaseT
Output Connector	: 1 19-pin type-A female HDMI; 1 RJ45
Control	: 1 IR IN; 1 IR OUT
Control Connector	: 2 3.5mm mini jacks

#### RECEIVER

: 1 HDBaseT
: 1 RJ45
: 1 HDMI
: 1 19-pin type-A female HDMI
: 1 IR IN; 1 IR OUT
: 2 3.5mm mini jacks

#### General

Transmission Distance	: 1080p@60Hz≤55m
HDMI Standard	: HDMI 1.4; HDCP 1.4 compliant
EDID Management	: BUILT-IN EDID
Power Supply	: Input: 100VAC~240VAC, 50/60Hz; Output: 5VDC 1A
Power Consumption	: 4W (Max)
Work Temperature	: -10°C ~ 55°C
Relative Humidity	: 10% - 90%
Dimensions (W*H*D)	: 66mm x 16.8mm x 66mm
Weight	: Transmitter: 36g; Receiver:38g

## SYSTEM DESIGN

