

## HDMI EXTENDER- ALF-EXT60IR-18G (Rx/Tx) 4K HDMI Extender over CAT5e/CAT6



### DESCRIPTION

The EXT60IR-18G is a cost-effective point-to-point extender set for HDMI 2.0 and IR signals. This kit supports 4K/UHD video @ 60 Hz with 4:4:4 Chroma sampling, as well as HDMI data rates up to 18 Gbps, HDCP 2.2 compliant and HDR. It provides HDMI transmission up to 230 feet (70 meters) for 4K@60Hz 4:4:4 and 1080p, over single CAT5e/6 cable. It supports video resolution down-scaling, the 4K input can be automatically downscale to 1080p output for compatibility with 1080p display.

### FEATURES

- Supports HDMI 2.0, up to 4K@60Hz 4:4:4, HDR 10, 18G, HDCP 2.2,
- Extends 4K or 1080p HDMI signal up to 230 feet (70m) over a single CAT5e/6 cable.
- HDMI loop out on transmitter.
- Bi-directional IR pass-through.
- Supports video resolution down-scaling, the 4K input can be automatically degraded to 1080p output on the receiver to be compatible with legacy 1080p display devices.
- Features visually lossless compression with no latency.
- EDID pass-through.
- Compact design, easy to install and simple to operate.

## TECHNICAL SPECIFICATIONS

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### Alfatron ALF-EXT60IR-18G – 4K HDMI Extender over CAT5e/CAT6

#### Input and Output

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

#### General

Video Resolution	: Up to 4K@60Hz 4:4:4, HDR
Transmission Distance	: 4K/1080p≤70m
HDMI Standard	: HDMI 2.0; HDCP 2.2 compliant
EDID Management	: BUILT-IN EDID
Power Supply	: Input: 100VAC~240VAC, 50/60Hz; Output: 12VDC 1A
Power Consumption	: 4W (Max)
Work Temperature	: -5°C ~ 55°C
Relative Humidity	: 10% - 90%
Dimensions (W*H*D)	: 80mm x 16.8mm x 80mm
Weight	: Transmitter: 70g; Receiver:70g