

Gefen GTV-HDMI1.3-CAT6 GefenTV HDMI1.3 Over CAT6 Extender

Extend HDMI over CAT6a cables -- up to 150 feet (50m) The GefenTV HDMI 1.3 Over CAT6 Extender extends HDMI over just two CAT6a cables and supports HDMI 1.3 features such as Deep Color, 1080p Full HD and uncompressed 7.1 audio. DVI-D Computer video can also be extended when using a DVI-to-HDMI cable, optionally available.

By using standard CAT6A cable, the GefenTV HDMI 1.3 Over CAT6 Extender makes HDMI signal extensions easier to install within a room or through walls. The Extender's pure digital transmission method insures 100% signal integrity over long distances. **How It Works** The GefenTV HDMI 1.3 Over CAT6 Extender system consists of a Sender and a Receiver unit. An HDMI source such as a set-top box, DVD player, or gaming console connects to the Sender unit with the supplied HDMI cable. The Receiver unit connects to the extended HDTV display. Two CAT6a cables link the GefenTV HDMI 1.3 Over CAT6 Extender's Sender and Receiver units, up to 150 feet apart. Power is applied to both the Sender and the Receiver units with the included 5V DC power supplies and a crisp, flawless picture emerges on the HDTV display along with pristine multichannel digital audio.

Note:

The GefenTV HDMI 1.3 Over CAT6 Extender is fully HDCP compliant.

The GefenTV HDMI 1.3 CAT6 Extender can also use CAT5/CAT5e cables to achieve shorter extension distances. Due to the many types of CAT5 cables, it is not possible to estimate these distances.

Distance Limits of Extension:

HDMI signal extension distance depends on the amount of digital bandwidth used by the HDMI signal for AV information being sent:

20m (66 feet) ---- HDMI 1.3 w/Deep Color, 1080p HD and Dolby TrueHD Lossless Multichannel 7.1 Audio

30m (100 feet) -- HDMI 1.2 at 1080p with Multichannel 5.1 Audio

50m (150 feet) -- HDMI 1.2 at 720p or 1080i with Multichannel 5.1 Audio

HDMI 1.3 Features Supported:

- Deep Color (XV Color)
- Dolby TrueHD & DTS Master Audio
- 225 MHz (up to 12 bit YUV 444 @ 1080p)
- Color Space Conversion
- CEC Pass Through & xvYCC
- Lip-Sync Pass Through

Features:

- Flexible extension of high-bandwidth HDMI 1.3 thanks to CAT6a cable
- Audio and video are transmitted digitally over the CAT6a cable for zero signal loss
- Single Link Range: 1080p/60, 12 bit color depth, 1920x1200
- Compliant with HDMI 1.3, HDMI 1.2, HDCP 1.1 and DVI 1.1 standards
- Supports digital video formats in Deep Color Mode at up to 12bits/color
- Supports lossless compressed digital audio (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio)
- Equalizes HDMI signal and retransmits it with optimal quality regardless of incoming signal quality
- Eliminates equipment noise in the viewing environment
- Improved compensation for cable skew

Specifications:

- Video Amp. Bandwidth: 225 MHz
- Single Link Range: 1080p/60, 12 bit color depth, 1920x1200 max. res
- Input DDC Signal: 5 Volts p-p (TTL); Input Video Signal: 1.2 Volts p-p
- HDMI Connector: Type A, 19 Pin Female
- Link Connector: RJ-45 Shielded
- Power Supply: 5V DC / Power Consumption: 20 Watts max.
- Shipping Weight: 3 lbs. / Unit Weight: 190 grams (pair)
- Dimensions: 2" W x 1" H x 2.1" D

Package Includes:

- (1) GefenTV HDMI 1.3 Over CAT6 Sender

- (1) GefenTV HDMI 1.3 Over CAT6 Receiver
- (1) One HDMI to HDMI 6 foot cable
- (2) 5V DC Power Supplies
- (1) User's Manual
- (1) Set of Wall Mounting Plates