



...competitive technologies  
with compelling value

## CT-HDEXT-330-B

### Transmit HD Signals with Audio & Infrared Control Over a Single Cat5e / 6

#### Features:

- Distributes HDMI & bi-directional infrared control over a single Cat5e or Cat6 4 Pair cable
- Extends transmission distance up to 330' from sources up to 1080p
- No settings or adjustments required
- Uses a single UTP LAN cable (CAT-5e / 6)
- HDCP compliant
- Uncompressed HDI video signal
- Supports full HD 1080p @ 60Hz, 3D, 4K x 2K
- Supports CEC, 24bit Deep Color
- Supports LPCM audio and compressed DTS-HD, Dolby® True HD
- Powered over network cable, only requires a power supply at one end (either transmitter or receiver)



#### Description:

The CableTronix CT-HDEXT-330-B is a signal extender which utilizes a single Cat5E/6 cable. The unit is capable of transporting HDMI signals and IR remote control signals over one CAT5E/6 cable. This easy to install system allows for transmission distances over twisted pair up to 330 feet.

The CT-HDEXT-330-B uses the latest technology to bridge the gap between HDMI transport over long distances and the limitations of HDMI cables. This fully compliant HDCP unit also has easy to read LED indicators confirm link status. The ability to use an existing ethernet cable to add in HDMI and IR control can be a significant time saver in the field. This plug and play system is perfect for long distance projector applications and offers dealers, installers, and system integrators considerable value and efficiency while satisfying customer requirements.

#### Specifications:

|                      |                                                                  |      |                                               |
|----------------------|------------------------------------------------------------------|------|-----------------------------------------------|
| HDMI signal          | 4K x 2K, compatible with HDCP, supports CEC and 24bit deep color |      |                                               |
| Resolution Supported | 480i / 480P / 576i / 576P / 720P / 1080i / 1080P / 3D / 4K x 2K  |      |                                               |
| Audio                | LPCM, DTS Digital, Dolby Digital                                 |      |                                               |
| Network cable        | CAT5e, CAT6, CAT6A, CAT7                                         |      |                                               |
| Transmission length  | CAT5e/CAT6                                                       | 100m | Up to 1080P@60Hz 36bpp                        |
|                      |                                                                  | 70m  | 1080p@60Hz 48bpp, 1080p@60Hz 3D, 4K x 2K 30Hz |
|                      | CAT6A/CAT7                                                       | 100m | 1080p@60Hz 48bpp, 1080p@60Hz 3D, 4K x 2K 30Hz |

|                        |                                                                      |
|------------------------|----------------------------------------------------------------------|
| Infrared back          |                                                                      |
| Support                | 20 - 60kHz wide frequency devices and Bi-directional IR transmission |
| Power supply           | One DC12V/3A                                                         |
| Power consumption      | 8W                                                                   |
| Transmitter dimensions | 3.88"L x 2.62"W x 0.91"H                                             |
| Receiver dimensions    | 3.88"L x 2.62"W x 0.91"H                                             |
| Enclosure material     | Black Metal Housing                                                  |
| Transmitter weight     | 0.18 lbs.                                                            |
| Receiver weight        | 0.24 lbs.                                                            |

#### Contents Include:

|   |                        |
|---|------------------------|
| 2 | HDMI Extenders         |
| 1 | Power supply           |
| 1 | IR Target              |
| 1 | IR Emitter             |
| 1 | Operating Instructions |

Email: [sales@cabletronix.com](mailto:sales@cabletronix.com)

Web: [www.cabletronix.com](http://www.cabletronix.com)