



...competitive technologies
with compelling value

CT-HDVID-EXT-IR120

HD & Infrared Control Over a Single Cat5e / 6

Features:

- Distributes HDMI signal over a single Cat5e or Cat6 4 Pair cable
- Extends transmission distance up to 120' from sources up to 1080p
- No settings or adjustments required
- Uses a single UTP LAN cable (CAT-5e / 6)
- UTP cable termination follows the standards of IEEE-568B
- Auto-adjustment of feedback, equalization & amplification
- HDMI V1.3b supported
- HDCP compliant
- LED indicators indicate power and video signal status
- Internal ESD protection
- Mounting ears included
- Supports two way Infrared control signals
- Units can be cascaded.



Description:

The CT-HDVID-EXT-IR120 kit has the ability to transmit and receive a 1080p HD source up to 120 feet along with Infrared control over a single Cat5e / Cat6 4 Pair UTP Cable. With a single low cost CAT-5e/6 cable, users can readily extend HDTV sources from DVD players, PS3, PC, and many other sources compliant with TMDS to distant display monitors including HD enabled TV sets or LCD PC monitors. This cost effective flexibility allows HDCP compliant DVD players or PS3 to transmit high quality video and audio with a greater distance at a minimal cost.

The transmitting unit is used to capture the input HD signal and carries the signal over a single RJ-45 connector through the Cat-5e / 6 cable. The receiving unit is responsible for receiving and equalizing the transmitted TMDS multimedia data.

Specifications:

| | |
|-------------------------------|--|
| Input Video Signal | 0.5-1.0 volts p-p |
| Input DDC Signal | 5 volts p-p (TTL) |
| Video Format Supported | DTV/HDTV: 1080p/1080i/ 720p/576p/480p/576i/480i |
| Output Video | HDMI 1.3+HDCP |
| Output Audio | Support DTS-HD, Dolby-HD |
| Maximum Transmission Distance | 120 Feet |
| IR wavelength | 940nm |
| IR Frequency | 38KHZ |
| Operating Temperature Range | -41°F to +95°F |
| Operating Humidity Range | 5 to 90 % RH (no condensation) |
| Power Supply | 12VDC |
| Power Consumption | 1.5 Watts (Max.) |
| Dimensions | 4.875"W × 0.625"H × 2.0"D |
| Weight | 1.16 lbs |

Package Contents:

- 1 Base transmission unit
- 1 Base receive unit
- 2 Mounting ears (2 Pair)
- 1 Operating Instructions
- 2 12VDC power supply
- 1 IR emitter cable
- 1 IR target cable

Email: sales@cabletronix.com

Web: www.cabletronix.com