CAT5/6/7 HDMI Baluns (1080p/60 up to 150 ft. and 1080i/60 up to 300 ft.) (Over 2 CAT5)

KD-CATHD   ◀ NEW

HDMI/DVI to dual CAT5/6/7 Cable Extender

TxRx

Key Features

❯ KD-CATHD contains 1 KD-CATHDTX Transmitter Balun and 1 KD-CATHDRX Receiver Balun

❯ Supports all SD, HD, and VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) resolutions up to 1080p (60Hz & 50Hz)

  » SD & HD: 480i, 480p, 720p, 1080i, 1080p

  » VESA / DVI: From 640x480p up to 1920x1200p

❯ Full support for HDCP, HDMI 1.3a/b, 12-Bit Deep Color Video

❯ Supports lossless compressed digital audio (Dolby® TrueHD, Dolby® Digital Plus and DTS™-HD Master Audio)

Key Benefits

❯ Transmits (KD-CATHDTX) and receives (KD-CATHDRX) HDMI 1080p/60 signals up to 150 feet and HDMI 1080p/24, 1080i, 720p signals up to 300 feet over two CAT5/6/7

❯ Compatible with all video resolutions

❯ Allows extension of HDMI signals distances that standard HDMI cables cannot achieve

❯ Enables the use of less expensive CAT5/6/7 UTP cabling for HDMI/DVI signal extension
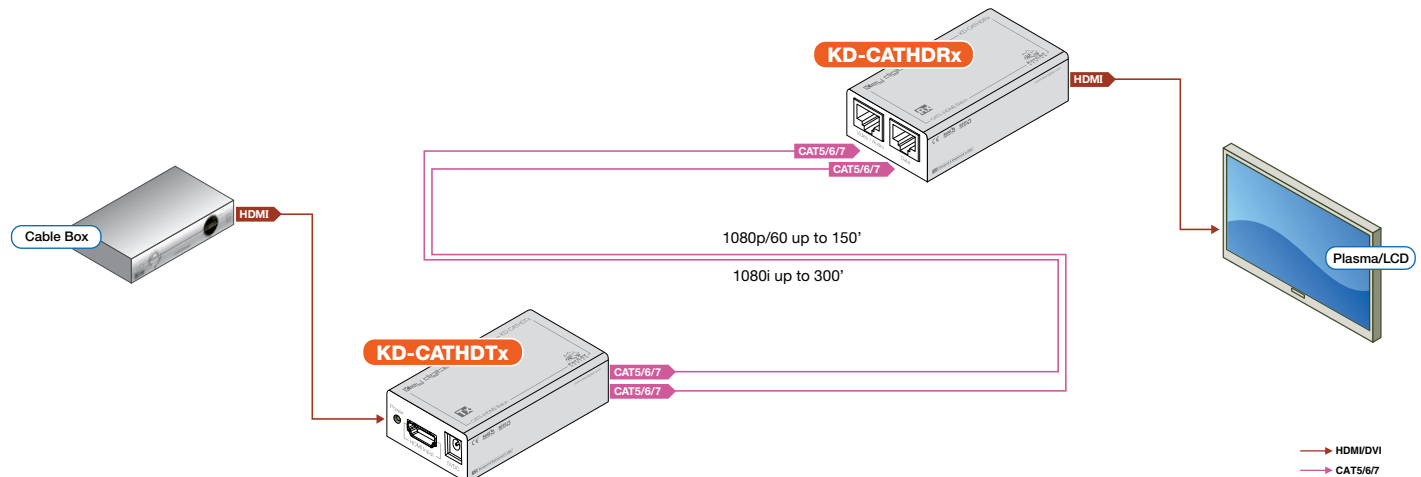
Specifications

Technical:

» **Inputs:** KD-CATHDTX - 1 HDMI connector. KD-CATHDRX - 2 CAT5 IN on RJ45 connectors

» **Outputs:** KD-CATHDTX - 2 CAT5 OUT on RJ45 connectors. KD-CATHDRX - 1 HDMI connector

» **Bandwidth:** 10.2 Gb/s TMDS bandwidth

» **EQ Adjustments:** Auto Adjust

» **Compliance w/ HDMI Standards:** Supports HDMI1.3+, HDMI1.2, HDMI1.1, DVI1.1, HDCP, and Audio

» **Link and Range:** Single Link: (1080p/60) 12 bit color depth, 1920x1200 max. UTP 140 ft., STP 150 ft.; (1080i/60, 720p, 1080p/24) UTP 280 ft., STP 300 ft.

» **Deep Color Support:** Supports Digital Video Formats in Deep Color Mode at up to 12 bits/color

» **Lossless Compressed Digital Audio:** Supports lossless compressed digital audio (Dolby® TrueHD, Dolby® Digital Plus and DTS™-HD Master Audio)

» **DDC Signal (Data):** Input DDC Signal: 5 Volts p-p (TTL)

» **HDMI Video/Audio Signal:** Input Video Signal: 1.2 Volts p-p

» **HDMI Connector:** Type A, 19 Pin Female

» **RJ45 Connector:** Shielded Link Connector RJ45

» **I2C Communication:** EDID and HDCP Transparency from Display to Source

» **Power:** External Power Supply. 5V DC / 1A, 110-240 VAC, 50-60 Hz

General

» **Regulation:** CE, RoHS, WEEE

» **Rack Mount:** Bracket (included)

» **Enclosure:** Black Metal

» **Product Dimensions:** L = 3.5" W = 1.75" H = 1"

» **Shipping Carton Dimensions:** L = 7.5" W = 8.5" H = 2"

» **Product Weight:** 1 lb

» **Shipping Weight:** 2 lbs

» **Accessories:** Mounting Clip, Locking HDMI Cable Clip, UL Certified Power Supplies

System Design Example

KD-CATHDRx

KD-CATHDTx

Cable Box

Plasma/LCD

1080p/60 up to 150'

1080i up to 300'

HDMI/DVI
CAT5/6/7