

# For Immediate Release

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## **Key Digital® Introduces HDBaseT HDMI Smart Baluns Model KD-CATHD500 – Runs up to 300 ft. for 1080p**

**Mount Vernon, NY. Key Digital Systems, Inc.** the Experts in Digital Video Technology and Solutions is proud to introduce our exciting new FatCat Series™ **KD-CATHD500** HDMI over CAT6/STP baluns. This thrilling new HDMI balun is designed especially for commercial and residential applications where long CAT6/STP cable runs are required. As leaders in digital and analog video technology, Key Digital® produces a variety of HDMI baluns to provide solutions to installers for both residential and commercial A/V systems.

Dealers are looking for reliable and robust HDMI over CAT solutions and Key Digital continues to deliver! The incredibly dynamic **KD-CATHD500 balun kit**, "...allows Key Digital® to create a new category in the HDMI Balun arena with the industries first long range Digital Smart Balun. Which can easily deal with long cable runs of 300 ft (1080p/60)." The **KD-CATHD500** is also equipped with ethernet ports to pass streaming online media to displays, and the Transmit ends of both models offer a built in HDMI pass through, which is a first of its kind; and Bi-directional and Simultaneous control features; further proving the versatility of Key Digital's HDMI baluns. Additionally, the **KD-CATHD500** is the first baluns to have an EDID control built in which ensures a proper handshake between HDMI devices every time. Key Digital® President, Mike Tsinberg, stated that, "The **KD-CATHD500** opens a new window of opportunity for Key Digital as it is the first 10gBaseT Balun kit with available IR and RS-232 (bi-directional and single direction)." Today's installers need reliable, easy, and fast integration of video and audio in both residential and commercial applications. The **KD-CATHD500** simplifies HDMI installations offering all video, audio and control capabilities needed for the most technical applications.

**KD-CATHD500 and the rest of Key Digital's products are deigned and engineered by Mike Tsinberg and the Key Digital engineering team - providing dealers with guaranteed quality, performance, and reliability.**

## **KD-CATHD500 and KD-CATHD500FW**

### **CATHD500:**

HDMI/DVI over single CAT6/STP (Tx/Rx) Baluns, support 1080p/60 up to 300 ft. with IR, RS-232 and Ethernet

### **CATHD500FW:**

HDMI/DVI over single CAT6/STP (Tx/Rx) Baluns, support 1080i/60 up to 500 ft. with IR, RS-232 and Ethernet

### **Key Features:**

- **KD-CATHD500** allows transmission of 1080p/60 signals up to 300 ft. via single CAT6/STP cable
- **KD-CATHD500FW** allows transmission of 1080p/24, 1080i/60, 720p, 480p and 480i signals up to 500 ft. via single CAT6/STP cable (1080p/60 is not available)
- **HDMI pass through on TX side**
- Auto-adjustment of feedback, equalization and amplification depending on the length of cabling used
- Internal EDID Library features 10 default EDID configurations including native EDID data from any Output/Display
- Features both Transmit and Receive IR, RS-232 and Ethernet for bi-directional control signals
- Full support for 12-Bit Deep Color Video
- Supports lossless compressed digital audio:
  - Dolby® TrueHD, Dolby® Digital Plus and DTS™-HD Master Audio

### **Key Benefits:**

- HDMI/DVI, IR, RS-232 and Ethernet signals combined over a single CAT6/STP
- HDMI pass-through port on Tx Balun up to 20 ft.
- Daisy chaining of Tx and Rx units allow almost unlimited extending of HDMI/DVI, RS-232, IR and Ethernet signals
- Support for HD Base T® Technology
- For best results use the KD-CAT6STPX1

### **HDMI® 1.4 Features:**

- **3D** – Capability to pass 3D stereoscopic signal formats
- **4K** – 4096x2160/24 video resolution support for commercial applications such as Digital Movie Theaters, CAD, Post Production, Graphics and etc.

## Key Digital Industry Leadership



**Mike Tsinberg, Founder and President of Key Digital, is a holder of 40 HDTV patents.**

- “Father of DVD” - Developed architecture and system software for world first Digital Video Disk (DVD) MPEG2 based authoring system - key DVD enabling technology
- Participated with Emmy Award Winner for DVD technology development
- 2009 Inductee as one of the Top 200 Pioneers of HDTV by the Academy of DTV Pioneers (CEA)
- SMTPE Fellow

### **About Key Digital®**

Key Digital is a CES award-winning developer and manufacturer of leading-edge technology for HDTV applications, delivering total video systems solutions. The company manufactures a wide range of digital video processing and video signal distribution solutions marketed broadly to the HDTV community, such as digital video and audio processors, switchers, distribution amplifiers, cables, adapters, and more. For more information, visit us at [www.keydigital.com](http://www.keydigital.com).