

Key Digital KD-CATHD250Lite-b HDBaseT/HDMI Lite via CAT5e/6 Extender (Transmitter/Receiver) Kit

- **Extends:** HDBaseT/HDMI via Single CAT5e/6 cable
- **Control Signal Extension:** Uni-directional IR (Tx to Rx) OR bi-directional RS-232 control via 3.5mm stereo connection on Tx and Rx units; includes one KD-IRE3501F IR Emitter to control IR controllable devices
- **HDBaseT:** Utilized on CAT5e/6 RJ45 output
- **Signal Extension:**
 - Up to **250 feet** @ 1080p/60, 1920x1200 via KD-CAT6STP1X CAT6/STP
 - Up to **210 feet** @ 1080p/60, 1920x1200 via CAT5e/UTP cable
 - Up to **120 feet** @ **Ultra HD/4K** (2160p/24) via KD-CAT6STP1X CAT6/STP
- **3D Ready:** Capability to pass 3D stereoscopic signal formats
- **Ultra HD/4K:** 2160p/24 video resolution support for 4K-capable televisions and commercial applications such as Digital Movie Theaters, CAD, Post Production
- **Auto Adjustment:** Equalization depending on the length of cabling used
- **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus and DTS-HD Master Audio™
- **Deep Color Support:** 8-Bit at 2160p/24; 12-Bit at 480p/720p/1080i/1080p
- **CEC Support:** To the main input and output HDMI channel.
- **I2C Communication:** EDID and HDCP transparency from Display to Source
- **Licensing:** Fully licensed and compatible with all HDMI and HDCP technologies
- **Cabling Requirements:** Standard UTP CAT5, 5e or CAT6 cabling
 - For all installations, we highly recommend use of KD-CAT6STP1X STP cabling, especially in hostile electrical environments
 - The shield of CAT6STP must be soldered on both ends to the shield of RJ45 connector used. The CAT5/5e/6 cable has to be terminated according to TIA/EIA-568-B standard. The use of STP CAT5, 5e is not recommended