

HDX-Ultimate

4K-ready PoE Cat5e/6 HDBaseT HD Extender



PoE CAT5e/6 Extender for HDMI, RS-232, and IR Control
Watch and command 1080p/4K HDTV from 450 ft away

FEATURES

- Supports POE: Can be powered by TX or RX
- CAT6 extends signals over 450ft
- Powered over Ethernet (PoE)
- (I) HDMI output for HDTV support
- Supports 1080p/60fps and 4K/30Hz resolution
- Up to 10.2 Gbps ultra-high bandwidth
- HDCP compliant; EDID learning
- Bi-directional IR and RS-232 control
- LED status indicators
- Rack optional

APPLICATIONS

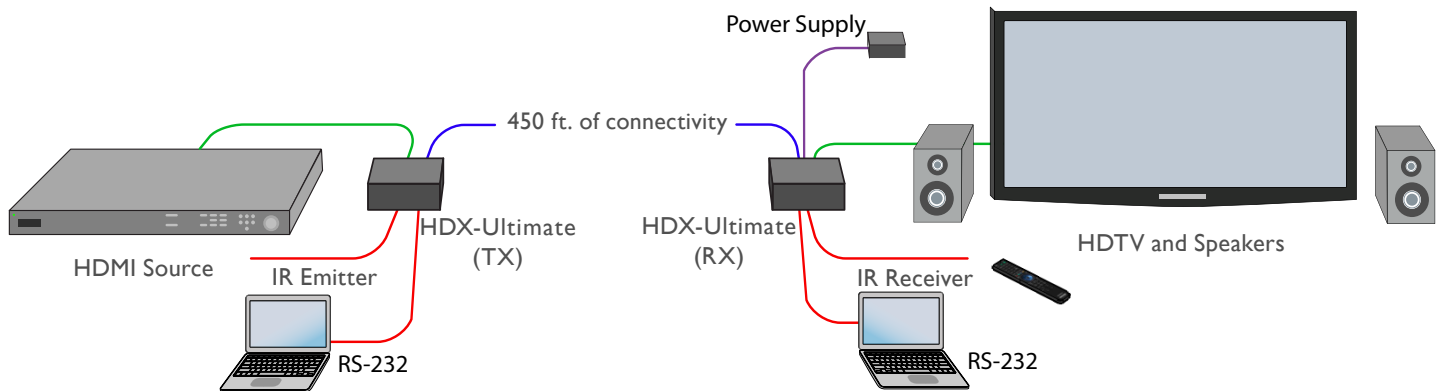
- Digital Signage
- Corporate Communications
- Classrooms
- Business Slideshows
- Entertainment Venues
- Airport
- Government Presentations
- Law Enforcement Facilities
- ... and many more!

WHY SWITCH TO THE ULTIMATE

The HDX-Ultimate uses only one CAT5e cable to extend 4K HDMI signals hundreds of feet from their source. The Ultimate's HDBaseT technology is HDTV-ready and PoE, ensuring peak performance even when transmitting ultra-high quality picture resolution. The HDX-Ultimate is a crucial extender for any system, and works in tandem with SmartAVI matrixes for robust routing configurations. Control and extend setups up to 300 ft per side, and 450 ft when both are powered. Plus, with RS-232 and IR remote control, taking command is convenient and easy every time!

Whether it's for a home entertainment system or a commercial installation, the HDX-Ultimate delivers flexibility and control. Don't let the distance bring your system down: let the HDX-Ultimate extend your reach today!

APPLICATION DIAGRAM



Touchboards

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SPECIFICATIONS

| INPUT/OUTPUT | | IR | |
|---------------------|--|-----------------|----------------------------------|
| Video Format | HDMI 1.3 and HDCP compliant | Signal Type | 38 KHz |
| HDTV Resolutions | 480p, 720p, 1080i, 1080p/60Hz/48bit, 4K/30Hz | Interface | 3.5 mm Jack Socket (Female) |
| Audio | HDMI Digital Audio | OTHER | |
| Input Interface | RJ-45 for Cat5e/6 | Power | External 100-240 VAC/12V-3A @30W |
| Output Interface | HDMI Type, HDBT, IR Interface, RS-232 | Dimensions | 5"W x 1.125"H x 4.125"D |
| Input Cable Length | Up to 450 ft. over Cat5e/6 | Weight | 0.6 lbs. |
| Output Cable Length | Up to 20 ft. HDMI | Approvals | UL, CE, ROHS Compliant |
| | | Operating Temp. | 32-131°F (0-55 °C) |
| | | Storage Temp. | -4-185 °F (-20-85 °C) |
| | | Humidity | Up to 95% |

ORDERING INFORMATION

| Part No. | Description |
|-----------|---|
| HDX-ULT-S | HDMI PoE Point to Point Cat5e/6 Extender. Includes:[HDX-ULT-RX, HDX-ULT-TX, PS12V-3A] |



Designed and Manufactured in the USA

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Smart-AVI
 SMART AUDIO VIDEO INNOVATION