

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

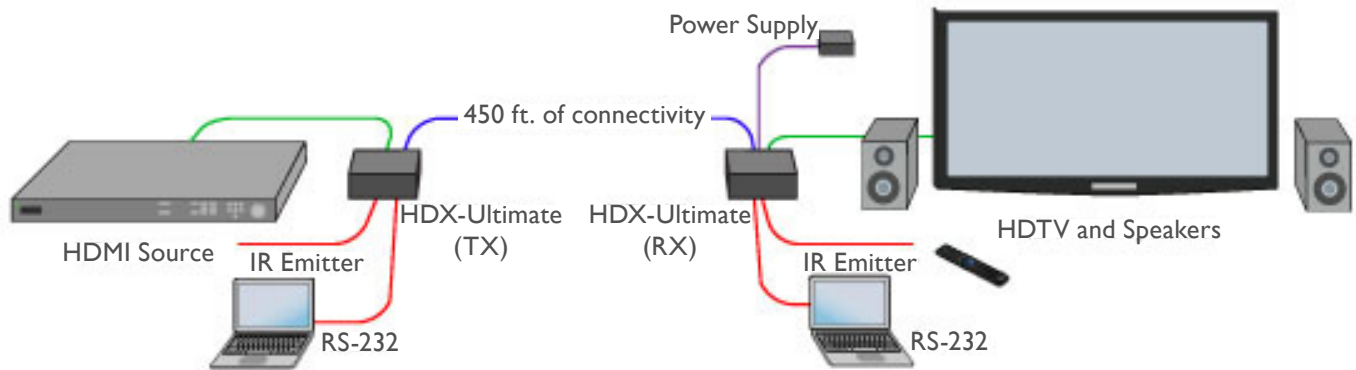
- Digital Signage
- Corporate Communications
- Classrooms
- Business Slideshows
- Entertainment Venues
- Airport
- Government Presentations
- Law Enforcement Facilities
- ... and many more!

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



SPECIFICATIONS

INPUT/OUTPUT	
Video Format	HDMI 1.3 and HDCP compliant
HDTV Resolutions	480p, 720p, 1080i, 1080p/60Hz/48bit, 4K/30Hz
Audio	HDMI Digital Audio
Input Interface	RJ-45 for Cat5e/6
Output Interface	HDMI Type, HDBT, IR Interface, RS-232
Input Cable Length	Up to 450 ft. over Cat5e/6
Output Cable Length	Up to 20 ft. HDMI

IR	
Signal Type	38 KHz
Interface	3.5 mm Jack Socket (Female)
OTHER	
Power	External 100-240 VAC/12V-3A @30W
Dimensions	5"W x 1.125"H x 4.125"D
Weight	0.6 lbs.
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, IR, and RS-232 PoE Extender over a Single CAT5e/6 Cable. Includes: [HDX-ULT-TX, HDX-ULT-RX, and PS12VD2A-WLLMNT]
HDX-ULT-TXS	HDX-Ultimate Transmitter: HDMI and IR over CAT5e/6 Transmitter with PoE support, up to 450ft. Includes: [HDX-ULT-TX and PS12VD2A-WLLMNT]
HDX-ULT-RXS	HDMI, IR, and RS-232 PoE Receiver. Includes: [HDX-ULT-RX and PS12VD2A-WLLMNT]



Designed and Manufactured in the USA

www.smartavi.com

Tel: 800.AVI.2131 • 818.503.6200
2455 W Cheyenne Ave, Suite 112
North Las Vegas, NV 89032

Smart-AVI
SMART AUDIO VIDEO INNOVATION