

# HDX-Ultra-RX

HDBaseT HDMI over Cat5e/6 Receiver



Receive signals via Cat5e/6 and distribute HDTV 4K video over 450 ft. from the matrix

## FEATURES

- Extends HDMI Output via a Single Cat5e/6 Cable up to 450 ft. from the Matrix
- Utilizes IR and RS-232 Signals for Remote Control
- Delivers Uncompressed HD Video up to 1080p/60Hz, 4K/30Hz 3D
- Data Signals up to 3.4 Gbps
- HDMI 1.3 and HDCP Compliant
- Bi-directional IR and RS-232 Communication
- Transmits High-Quality Dolby TrueHD and DTS-HD MA Audio

## APPLICATIONS

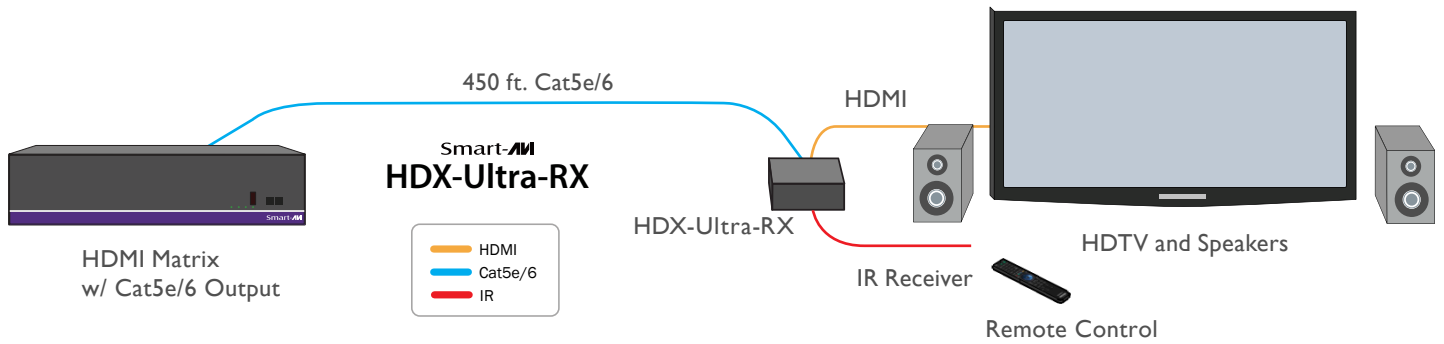
- Corporate or Education Presentations
- Financial (Remote Servers/User Control)
- Industrial (Long-Range Workstation Isolation)
- Information Terminals/Kiosks
- Airport Installations (Air Traffic Control/ Passenger Info)
- Medical Campuses
- Recording/Production Studios



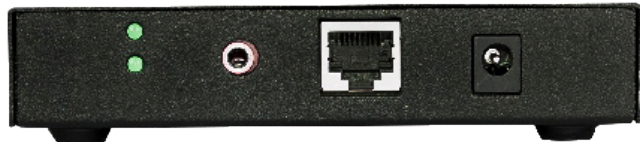
## OVERVIEW

The HDX-Ultra-RX uses only one Cat5e/6 cable to extend HD signals from an HDMI source over 450 feet from a matrix with RJ-45 outputs. Utilizing HDBaseT technology, the unit is capable of distributing high-resolution HD video up to 4K with no loss of signal quality. The HDX-Ultra-RX is a critical component in a wide variety of applications where signal extension is necessary. When used with a SmartAVI matrix that supports Cat5e/6 cable output, the possibilities for HD signal routing are numerous. The device also supports infrared and RS-232 control.

## APPLICATION DIAGRAM



## SPECIFICATIONS



HDX-ULTRA-RX Front



HDX-ULTRA-RX Rear

INPUT/OUTPUT	
Video Format	HDMI 1.3 and HDCP compliant
HDTV Resolutions	480p, 720p, 1080i, 1080p/60Hz/48bit, 4K/30Hz
TV Resolution	480i
Input Interface	RJ-45 for Cat5e/6
Output Interface	HDMI Type A 19-pin Female TMDS
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/5VDC2A @10W
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-Ultra-RXS	HDMI, IR, RS-232, Point to Point Cat5e/6 Receiver. Includes:[HDX-Ultra-RX, PS5VD2A]



Designed and Manufactured in the USA

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