

#### Quality Guarantee:

- We warranty these products to be free from manufacturers defects in material & workmanship for two (2) years
- This Limited Warranty only covers failures due to defects in materials or workmanship, and does not cover normal wear and tear or cosmetic damage. The Limited Warranty also does not cover damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, maladjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Service, or damage that is attributable to acts of nature.
- There are no express warranties except as listed under “limited warranty coverage”. The warrantor is not liable for incidental or consequential damages resulting from the use of this product, or arising out of any breach of this warranty. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss or damage to media or images, data or other recorded content.

#### Warning:

##### **TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE:**

1. Do not expose this equipment to rain, moisture, dripping or splashing liquids and make sure that no objects filled with liquids, such as vases, are placed on or near the equipment.
2. Ensure the units are well ventilated. Do not install or place the units in a bookcase, built-in cabinet or other confined space.
3. Do not install near heat sources such as radiators, heaters, or fires.
4. Do not place sources of exposed flames, such as lighted candles, on the unit.
5. Clean this apparatus only with a dry cloth.
6. Unplug the power adaptor from the mains during thunder storms or when the equipment is not in use for a long time.
7. Position the power cord and units carefully to avoid accidents or damage to your equipment.
8. Only use the power adaptor supplied or one with the same rating.
9. Only use accessories specified by the manufacturer.
10. Do not open casing as there are no user serviceable parts.
11. Refer all servicing to qualified service personnel.



## HDXTNDR HDMI® Extender Over Cat5e/6 User Manual



### Introduction:

Thank you for purchasing this product! For optimal performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

This HDMI® extender by Cat.5e/6 uses 2xCat.5e/6 cables to extend the HDTV display up to 100' for 1080P. It is equipped with HDMI connectors and is capable of supporting DVI equipment when used with an HDMI to DVI Adapter.

This unit follows the standard of IEEE-568b, so that Cat.5e/6 cable can be substituted for HDMI cable to achieve long distance transmission. It is designed for use in home theaters, professional A/V, CCTV and personal computer switching applications.

### Basic Function:

- HDMI, HDCP 1.2 and DVI compliant
- Support full 3D pass-through and high resolution up to 1080P
- Support IR control system, IR transport channel can be forward or backward per your installation
- HDMI Extender uses 2 x CAT5E/6 cable to extend the HDTV display
- CAT 6 STP (shielded) cable is recommended for 1080P
- Supports CEC bypass

### Package Includes:

When first unpacking your HDMI Extender please check to see if the following items are included:

- 1 x HDMI Extender Transmitter unit, 1x HDMI Extender Receiver unit
- 1 x 5V DC power supply
- 1 x User manual

### Operation:

- Connect the signal source (such as HD-DVD, DVR, STB) with the HDMI Extender Transmitter (TX) input interfaces.
- Connect the display devices (such as HD-LCD, HD-DLP) with the HDMI Extender Receiver (RX) output interfaces.
- This device is powered by an external power supply (included).

### Illustration:



The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.



200 New Highway, Amityville, NY 11701-0726  
631-957-8700 • Toll Free: 1-800-645-5516  
[www.specotech.com](http://www.specotech.com)

Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation. Rev. 7.10.13. We are not responsible for typographical errors.

© 2013 Speco Technologies. All rights reserved.

### Specification:

HDMI version	.....HDMI High Speed with 3D
HDCP version	..... HDCP 1.2
Support HDMI resolution	..... 1080P/1080i/720P/576P/576i/480P/480i
Support video color bit	..... deep color 24bit/36bit
Support audio format	..... LPCM/Dolby-AC3/DTS7.1/DSD
Input video signal	..... 5.0 Volts P-P
Output cable distance	..... ≤15m 24AWG Cable
Input cable distance	..... ≤20m 24AWG Cable
Data transfer speed	..... 10.2 Gbps
Operating humidity range	..... 5 to 90%RH (No Condensation)
Operating temperature range	..... -15 to +55°C (5 to 131°F)
Power adaptor format	..... Input AC(50Hz,60Hz)100-240V
Power supply	..... DC 5V

### Application:

