

# HDX-XT

4K Video and USB 2.0 KVM Extender



## HDMI USB KVM Extender over Cat5e/Cat6

### FEATURES

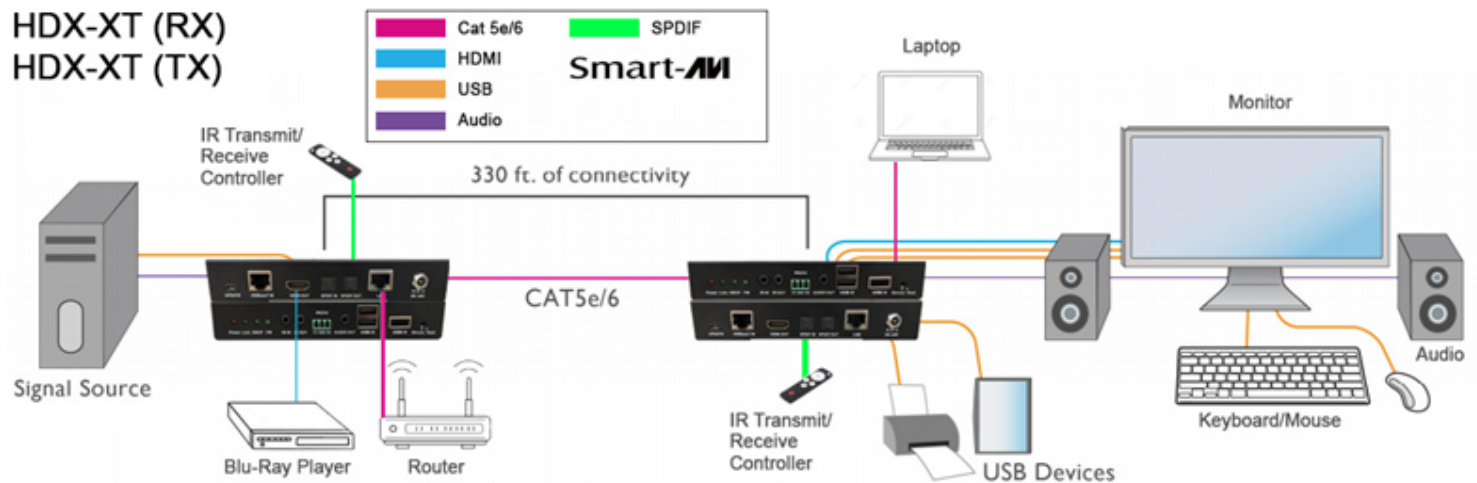
- Zero pixel loss with TMDS signal correction
- Full HD Support: 1080p @60Hz @24/26/48bit/pixels
- Extends a signal over a single CAT5e/6/7 cable up to 100m/328ft.
- Supports USB 2.0 Control
- Supports Bi-Directional SPDIF IN/OUT and available for multi-channel audio
- Fully compliant with HDMI 1.4 and compatible with HDMI 2.0
- DTS-HD Master Audio and More
- Transfer Bidirectional Infrared control signal together with HDMI signal

### APPLICATIONS

- Digital Signage
- Education
- Airports
- Control Rooms
- Audio/Visual Presentations
- Shopping Centers
- Hotels/Resorts
- and MANY more

## INTRODUCTION

The HDMI USB KVM (Keyboard, Video, Mouse) Extender is a tool which can extend your HDMI signal over 328ft./100 meters to a compatible display. It is designed to convert HDMI signal to standard signal which can be transmitted by CAT5e/CAT6/CAT7 cable. It also supports Transfer Bidirectional Infrared control signal and RS232 control signal. The HDX-XT also supports the connection of a USB host and 2 USB device ports.



*Designed and Manufactured in the USA*



**HDX-XT (TX) FRONT**



**HDX-XT (TX) REAR**

## TECHNICAL SPECIFICATIONS:

### VIDEO

Format	HDMI
Input Interface	(RX) (1) IR In, (1) Optical (Spdif In), (1) Extender, (1) USB-H
Output Interface	(RX) (1) HDMI, (1) LAN, (2) USB, (1) IR Out, (1) Audio Out, (1) RS-232, (1) Optical (Spdif out)
Input Interface	(TX) (1) HDMI, (1) LAN, (1) USB-H, (1) IR-IN, (1) RS-232, (1) Optical (Spdif in), (1) Audio In
Output Interface	(TX) (1) IR Out, (1) Optical (Spdif out), (1) Extender Out, (2) USB-D
Resolution	480p, 720p, 1080i, 1080p/60Hz, 4K/30Hz
Max Output Distance	1080p@60 100m (330ft) [CAT5/5e/6] 4K2K (4:2:0 8bit) 80m (264ft) [CAT5/5e/6]
Equalization	Auto
Input TMDS Signal	1.2 Volts [peak-to-peak]
Input DDC Signal	5 Volts [peak-to-peak, TTL]
Video Bandwidth	Single-Link 340 MHz (10.2 Gbps)

### AUDIO

Format	HDMI
Input Interface	3.5 mm Jack Socket (Female)
Output Interface	3.5 mm Jack Socket (Female)

### USB

Format	USB 2.0
Input Interface	1.1 with full emulation

### RS-232

Format	Full duplex TXD, RXD signal
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### SYSTEM

Interface	RJ45
Cable Requirements	CAT5/5e/6
Maximum Length	330 ft. (100m)

### OTHER

Approvals	UL, CE, ROHS Compliant
Power	DC 12V 2A
Operating Temperature	32 - 104°F ( 0-40°C)
Storage Temperature	-4 - 140°F (-20 - 60°C)
Humidity	Up to 95%
Dimensions	160 (W) X 97 (D) X 28 (H)
Weight	450g/TX, 450g/RX

### WHATS IN THE BOX?

Model Number	Description
HDX-XT-S	1) HDX-XT 4K Extender with USB 2.0 - Transmitter and Receiver Unit(s); Quickstart Guide, [(x2) PS12VD2A-WLLMNT]