

# HDX-100

## HDMI EXTENDER/SPLITTER OVER CAT6



**EXTEND AN HDMI SIGNAL TO ONE REMOTE DISPLAY UP TO 150 FT AWAY  
WITH SUPPORT FOR ONE LOCAL MONITOR**

### FEATURES

- Compact Transmitter/Receiver Units
- Local HDMI Output
- Perfect Image Quality at all Resolutions (1920 x 1200, 480p, 720i, 720p, 1080i, 1080p)
- Video Resolutions up to 1920 x 1200 at 60Hz (1280 x 1024 at 75Hz) on all Distances to the Maximum Limit
- Bandwidth to 1.64Gps
- Automatic DDC Learning from Local Monitor
- Unit Operates Regardless of Local Monitor Connectivity
- Distances up to 150 Feet using Cat6 STP Cabling
- Compatible with all Operating Systems
- Plug-and-Play Ready

### APPLICATIONS

- Retail Locations
- Bars/Lounges
- Showroom Floors
- Convention Booths
- Hotel/Resort Check-In Counters
- Corporate/Educational Demonstrations
- Houses of Worship
- Medical Facilities
- Recording/Editing Studios



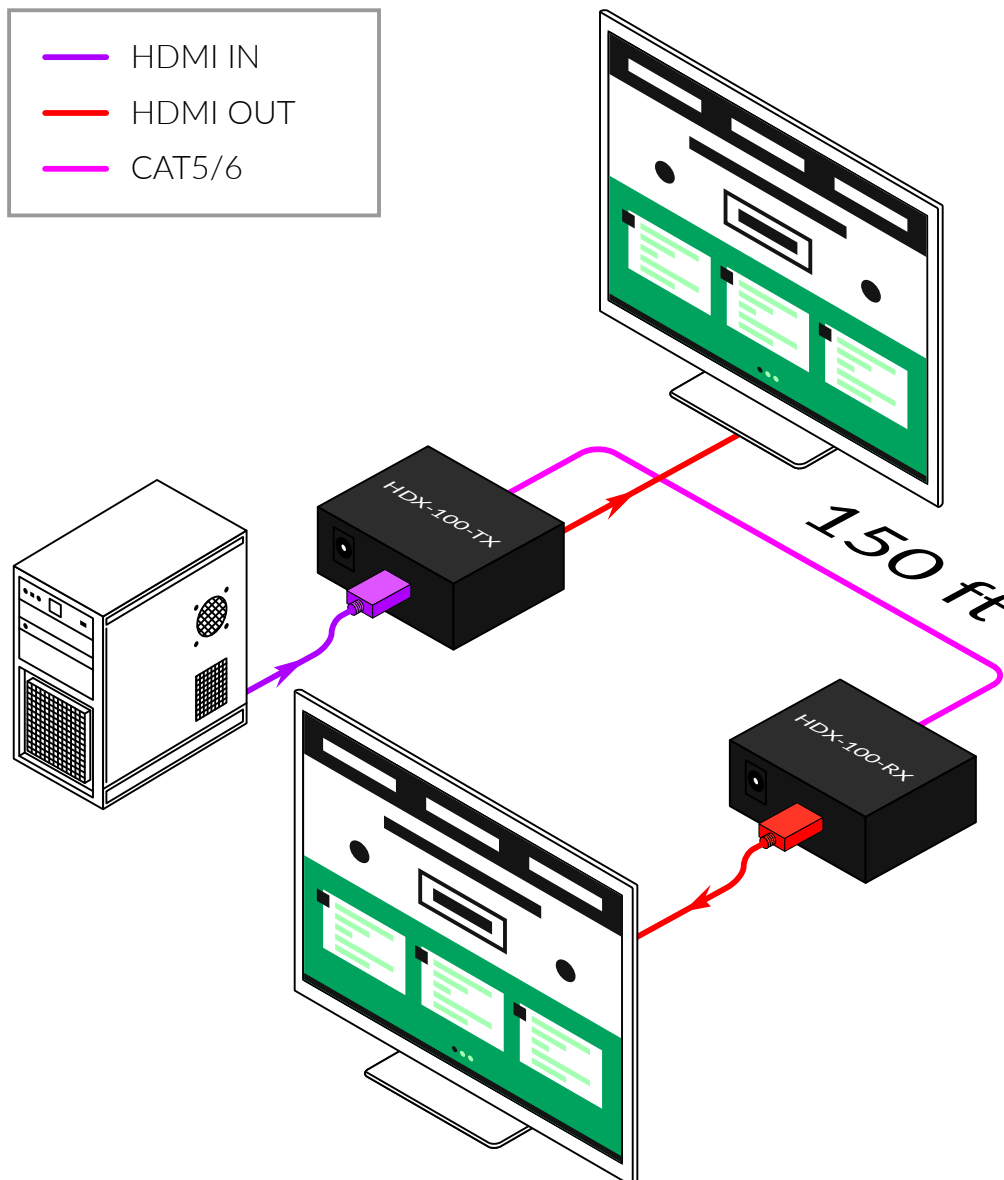
Designed and Manufactured in the USA

# OVERVIEW

SmartAVI's HDX-100 is an innovative solution to extending any HDMI signal – be it a gaming console, Blu-ray player, computer, etc. – over inexpensive CAT6 STP cabling up to 150 feet away to one remote display and one local screen for real-time monitoring of content.

This is the perfect solution for broadcasting high-definition media easily and inexpensively from a source to display screen for customers to view while keeping the CPU in a remote, secure location, such as a computer room or the back office of a business. Utilizing the HDX-100, users can monitor what's being shown to customers in real-time via a local display, while retaining full control over the CPU or HDMI source, accessible only by key personnel.

The HDX-100 is a compact unit that is easily integrated into a digital display network such as in a retail store or bar/lounge. The transmitter and receiver units are extremely compact, which makes inclusion into a user's infrastructure very simple and handy.



# EXTEND FOR ANY APPLICATION IN ANY ENVIRONMENT

## SECURITY

When managing content in high-security environments, creating a safe and secure control room is critical. In the vast majority of such applications, that requires routing signals from a server room, where the computers are safely stored, to a control room, where approved personnel access the data and video feeds. Whether that's in a security surveillance center, an operations control room or some other security-related environment, being able to extend video, audio and USB is a must.

The HDX-100 provides system architects with the flexibility they need to create secure environments for servers as well as the end users accessing those computers. And with video signal extension, users can manage their connected computers with expanded display options, enabling them to stay in control of their content at all times.

## DIGITAL SIGNAGE

Managing a multi-screen digital signage solution requires some important foresight regarding the signal path to those informative and attractive displays. Particularly when it comes to properly scheduled, updated and managed content being displayed, it's much more efficient to keep all of the digital signage hardware in one central location and to extend the video signals out from there.

That means signal extension is an important part of a smart digital signage solution, and the HDX-100 gives users the flexibility they want and need to place their digital signage screens in the right locations to maximize their effectiveness.

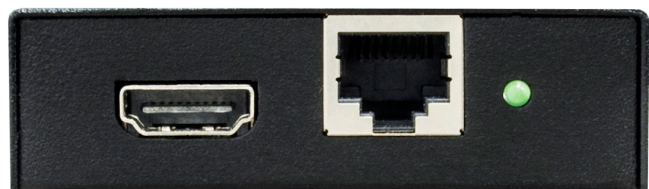
## AUDIO AND VISUAL RECORDING

For users in the recording arts, maintaining the utmost in signal and recording fidelity is an absolute necessity. For video recording, it is often important that no unsightly computers are visible. Similarly, audio engineers must keep noisy computers away from the rooms where recording happens to ensure the final product sounds professional. In both such instances, the HDX-100 gives users the ideal way to keep their servers or computers away from areas that audio or video recording is being done, ensuring a better final product.

## EXTENDER UNITS



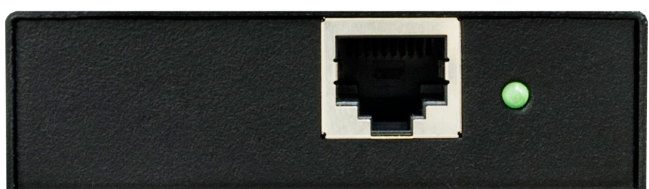
HDX-100-TX Front



HDX-100-TX Back



HDX-100-RX Front



HDX-100-RX Back

# TECHNICAL SPECIFICATIONS

VIDEO	
Format	HDMI Type A 19 pin (female)
Input Interface	(1) HDMI Type A 19 pin (female) (1) local HDMI Type A 19 pin (female)
Output Interface	(1) HDMI Type A 19 pin (female)
Resolution	1920 x 1200@60Hz or 480p/720i/720p/1080i/1080p
Color Depth	36 bit

SYSTEM	
Input Interface	(1) RJ-45
Output Interface	(1) RJ-45

OTHER	
Power	PS5VDC3A
Dimensions	2.75"W x 3.875"L x 1"H
Weight	0.6 lbs
Approvals	UL, CE, ROHS Complaint
Operating Temperature	32-131°F (0-55 °C)
Storage Temperature	-4-185°F (-20-85 °C)
Humidity	Up to 95%

PART NO.	DESCRIPTION
HDX-100-S	HDMI Extender over CAT6 up to 150 feet. Includes: [HDX-100-TX-S, HDX-100-RX-S and 2 x (PS5VD3A-UEU)]
HDX-100-TX-S	HDMI Transmitter over CAT6 up to 150 feet. Includes: [HDX-100-TX-S and PS5VD3A-UEU]
HDX-100-RX-S	HDMI Receiver over CAT6 up to 150 feet. Includes: [HDX-100-RX-S and PS5VD3A-UEU]

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