

# HDX-400-PRO

4-PORT HDMI EXTENDER OVER CAT5/CAT5E/CAT6 STP



**EXTEND ONE HDMI SIGNAL 180 FEET TO FOUR DISPLAYS WITH CAT5/CAT5E/CAT6 STP CABLING**

## FEATURES

- Distribute and extend one HDMI Source to Displays via Four Cat5/Cat5e/Cat6 STP Cables
- Maximum Signal Extension up to 180 feet
- Supports 3D Signals
- Supports HDMI Resolutions of 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
- Supports Audio Formats of DTS-HD/DolbyTrueHD/LPCM7.1/DTS/Dolby-AC3/DSD
- No Loss of Signal Quality up to Maximum Distance
- LED Status Lights
- 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



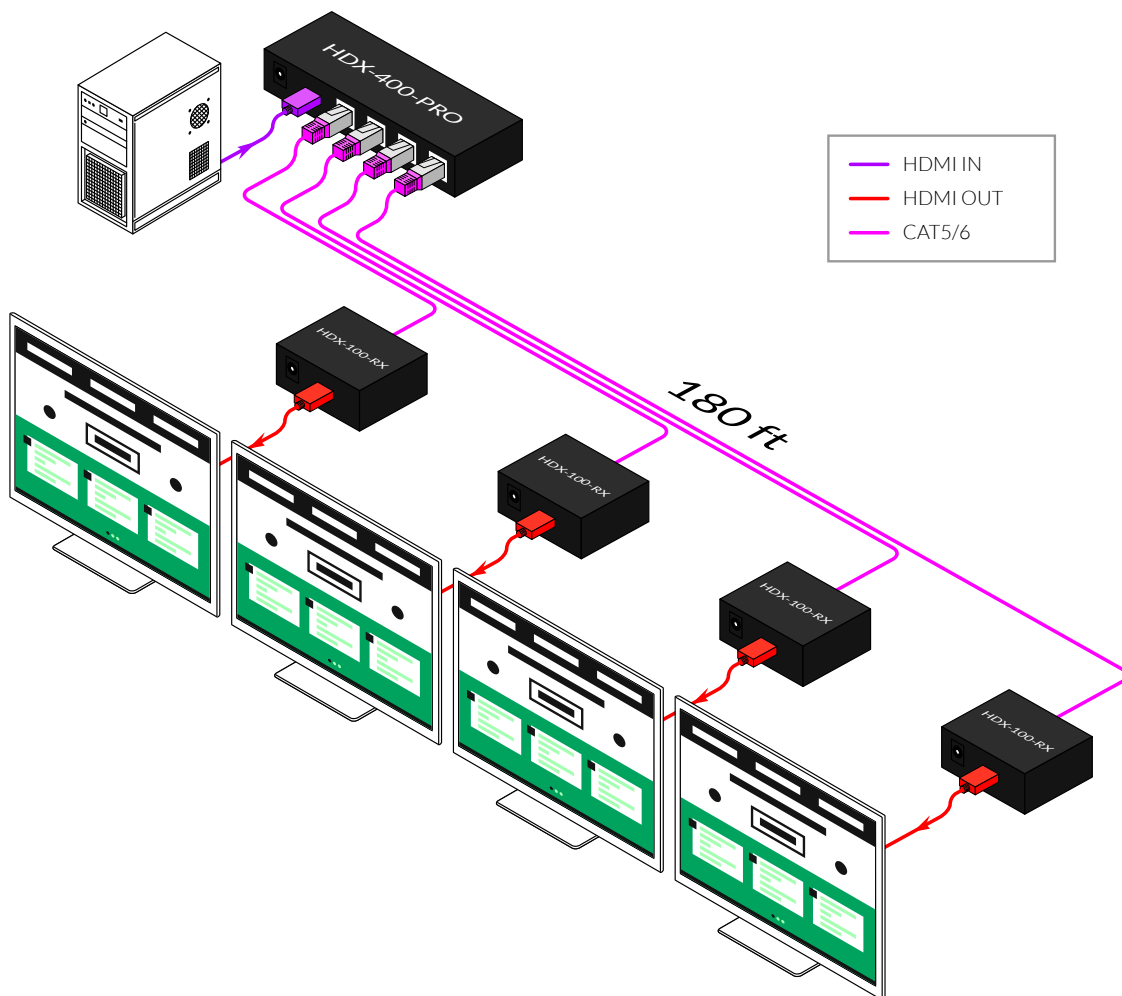
Designed and Manufactured in the USA

# OVERVIEW

SmartAVI's HDX-400-Pro is an innovative solution to extending any HDMI signal – be it a gaming console, Blu-ray player, computer, etc. – over inexpensive Cat5/Cat5e/Cat6 STP cabling up to 180 feet away to four remote display screens at once.

This is the perfect solution for broadcasting high-definition media easily and inexpensively from a source to four display screens 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.

The HDX-400-Pro utilizes four HDX-RX100 receivers and enables the user to send the same HDMI signal to four remote displays. The HDX-RX100 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-400-PRO 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-400-PRO 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-400-PRO 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-400-PRO Front

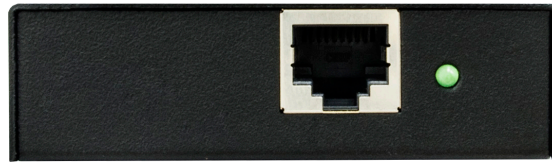


HDX-400-PRO Front

## EXTENDER UNITS (CONTINUED)



HDX-100-RX Front



HDX-100-RX Back

## TECHNICAL SPECIFICATIONS

VIDEO	
HDMI Resolution (Input and Output)	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Maximum Signal Extension	Up to 180 ft
Maximum Pixel Clock	225MHz
Maximum Rate	6.75Gbps
Input Video Signal	0.5~1.5 Volts p-p
Output DDC signal	5 Volts p-p (TTL)
Current	3000mA

AUDIO	
Audio Input Formats	DTS-HD/Dolby-TrueHD/LPCM7.1/DTS/Dolby-AC3/DSD
Audio Output Formats	LPCM7.1/DTS/Dolby-AC3/DSD

OTHER	
Power	5VDC4A
Dimensions	9.25"W X 3.25"D X 1"H
Weight	0.4 lbs
Operating Temperature	+32 to +104°F (0 to +40°C)
Storage Temperature	-4 to 140°F (-20 to +60°C)
Humidity	Up to 95% (No Condensation)

PART NO.	DESCRIPTION
HDX-400-PRO-S	HDMI 4-Port Transmitter over Cat5e/Cat6/Cat6 STP cables. Includes: [HDX-400-PRO and PS5VDC4A]
HDX-RX100S (Not included)	Receiver for HDMI over a single CAT6 cable. Includes: [HDX-RX100 and PS5VDC2A]

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