

# HDX-POE-PRO

4K Extender: CAT5e/6/7 HDMI, IR, RS-232 and Ethernet with POE



Extend 4K HDMI, infrared remote, RS-232, and Ethernet internet signals up to 328 ft with powerful HDBaseT & energy-efficient POE.

## FEATURES

- Power-over-Ethernet (POE) and energy efficient.
- Extend HDMI 1.4, IR, RS-232, and Ethernet signals
- HDBaseT CAT5e/6/7 extension up to 328 ft (100m).
- Video resolutions up to 4K (3840x2160 @ 30Hz)
- Supports bi-directional IR remote control signals
- Supports bi-directional RS-232 command signals
- Supports TCP/IP control via PC.
- Extends internet connectivity to end-point devices via Ethernet LAN cables.
- Plug-and-play ready: easy to install & use!

# Touchboards

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## APPLICATIONS

- Convention centers
- Sports arenas
- Transportation hubs (airports, train stations)
- Education Facilities (auditoriums, lecture halls)
- Retail spaces
- Industrial facilities
- Control rooms
- Military command centers
- Data centers and server rooms
- Multiplex cinemas
- Nightclubs
- Concert halls
- Production studios

4K/2K

MEMBER OF  
**((HDCP))**  
GROUP

**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

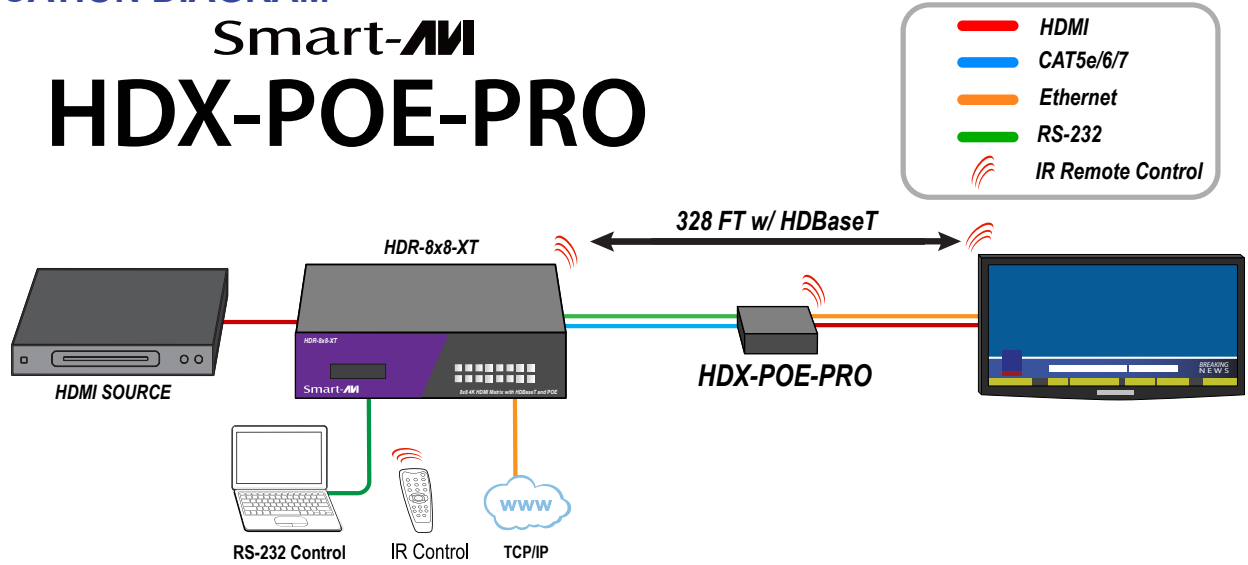
## OVERVIEW

Extend 4K (3840x2160 @30Hz) Ultra-HD HDMI, IR remote control, RS-232 command, and Ethernet-based internet signals up to 328 ft (100m) from source devices with the HDX-POE-PRO receiver. Plug-and-play and enhanced with HDBaseT technology, the HDX-POE-PRO is energy efficient and Power-over-Ethernet (POE), conserving costly consumption expenses.

The HDX-POE-PRO pairs well with SmartAVI's HDR-8x8-XT HDMI matrix, which powers the POE-PRO units directly over CAT5e/6/7 connection. For smart extension, look no further than HDX-POE-PRO!

## APPLICATION DIAGRAM

# Smart-**AVI** HDX-POE-PRO



HDX-POE-PRO  
SIDE A



HDX-POE-PRO  
SIDE B



VIDEO & AUDIO		OTHER	
Input	(1) HDBaseT CAT5e/6/7	Power Supply	12VDC2A (optional)
Output	(1) HDMI 1.4, (1) Ethernet	Max Consumption	10 W
Input Resolution	Up to 4K (3840x2160 @ 30Hz)	Dimensions	3.9" W x 1.0" H x 3.9" D
Output Resolution	Up to 4K (3840x2160 @ 30Hz)	Weight	0.7 lbs
Video Bandwidth	10.2 Gbps	Approvals	UL, CE, ROHS Compliant
MISC. SIGNALS		Operating Temp.	32 to +104°F
Connectors	(1) IR RX, (1) IR TX, (1) RS-232	Storage Temp.	-4 to +140°F
IR Range	38 kHz ~ 54 kHz	Humidity	Up to 90% RH (non-condensing)

### ORDERING INFORMATION

Part No.	Description
HDX-POE-PROS	4K HDBaseT HDMI, IR, RS-232, & Ethernet extender over CAT5e/6/7 Includes: [HDX-POE-PRO-RX and (PS12V2A optional)]