

HDX-4000 *HDMI Over Twisted Pair*



Extend an HDMI with Optional IR Signal to Four Remote Displays up to 150 Feet Away at 1080p

The HDX-4000 Extends any HDMI with Infrared Signal up to 150 Feet to Display Monitors Using Dual HDMI-to-CAT6 STP Cabling while Retaining High-Definition Images at 480p, 720p, 1080i or 1080p

HDX-4000 is an innovative solution to extending any HDMI with optional infrared signal – be it a gaming console, Blue-ray player, etc. – over inexpensive CAT6 STP cabling up to 150 feet away to one to four remote displays.

It is the perfect solution for broadcasting high-definition content (480p, 720p, 1080i or 1080p) easily and inexpensively from a source to display screens for customers to view while keeping the player in a remote, secure location such as a computer room or back office of a business accessible only by key personnel.

The HDX-4000 is a compact, dynamic unit that is small and 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 your infrastructure very simple and handy.

Features

- Compact Transmitter/Receiver Units
- Supports HDMI with Optional Bi-Directional Infrared Signal
- Transmit Embedded Audio Signals
- Perfect Image Quality at all Resolutions (480p, 720i, 720p, 1080i, 1080p)
- Transmit HDMI 1080p/60 up to 150 Feet and

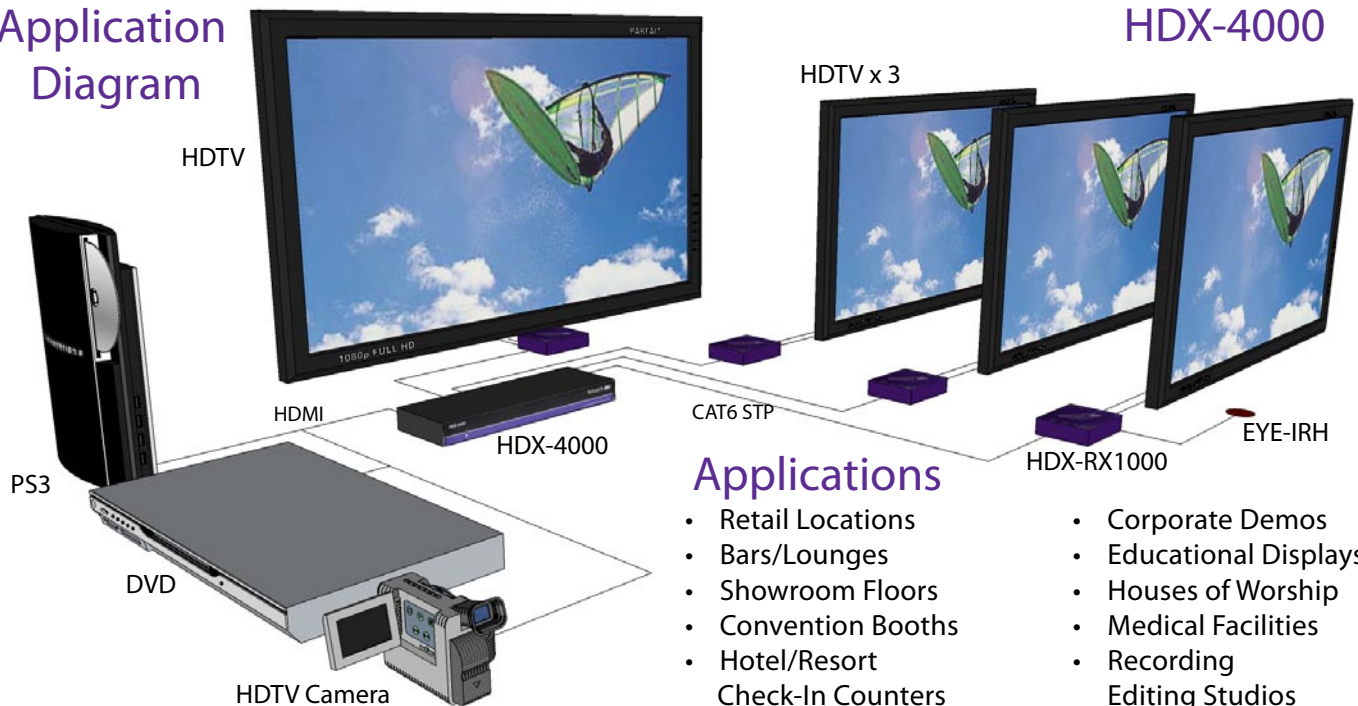
- 1080p/24 up to 280 Feet via Dual CAT6 Cabling
- Bandwidth to 1.65Gps
- Automatic DDC Learning from Local Monitor
- Distances up to 150 Feet using Dual CAT6 STP Cabling
- Compatible with all Operating Systems
- Plug-and-Play – No Software Required



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Application Diagram



Applications

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



Specifications

Video Interface	HDMI
Single Link Range	480P, 720i/p, 1080i/p
Video Data Rate	4.95 Gbps
Resolution	1920 x 1200 @ 60 Hz, Resolution up to 1280 x 1024 min. 75H
Input Interface	19 pin HDMI female type-A
IR Signal Type	30-100 kHz modulated IR
IR Connector	3.5 mm mini jack, Female
Power Supply	Universal Switch mode PSU (90-240 Input) 5VDC 2A
Dimensions	3.5"W x 10.00"L x 1.25"H

Ordering Information

Part No.	Description
HDX-4000	Transmitter and Receiver for HDMI over CAT6
HDX-RX1000	HDX Receiver, Receiver HDMI over STP cable
EYE-IRH	Infrared Receiver Eye

Many leading companies have recognized and embraced the innovation of SmartAVI's technologies and have successfully incorporated them into their organizations. Users of SmartAVI include:



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