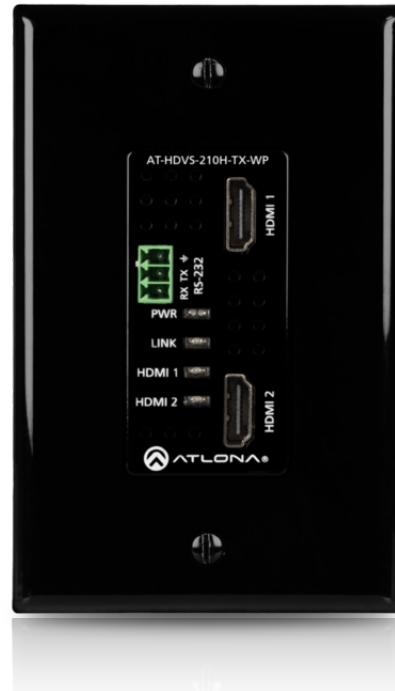


White trim shown with RS-232 cover.



Black trim shown without RS-232 cover.



## Introduction

The Atlona **AT-HDVS-210H-TX-WP** is a 2x1 switcher and HDBaseT transmitter with two HDMI inputs. It features a US one-gang, Decora-style wallplate form factor, and includes interchangeable black and white wallplates and faceplates. Video signals up to 4K/UHD @ 60 Hz with 4:2:0 chroma subsampling, plus embedded audio and control can be transmitted up to 330 feet (100 meters). The HDVS-210H-TX-WP is HDCP 2.2 compliant. It is designed for use with select HDVS Series receivers and scalars, as well as the AT-UHD-EX-100CE-RX-PSE receiver, and Atlona switchers and matrix switchers with HDBaseT inputs. This transmitter can serve as an integral component of a fully automated AV system, with the convenience of automatic input selection and display control. It is remotely powered by the UHD-EX-100CE-RX-PSE or other Atlona HDBaseT-equipped devices through Power over Ethernet (PoE).

## Applications

- Complete system applications**  
 The HDVS-210H-TX-WP and a compatible HDBaseT receiver provide a compact, yet comprehensive and cost-effective integration solution.
- Larger system applications**  
 The HDVS-210H-TX-WP is ideal for extending AV connectivity from a central equipment rack to lecterns as well as remote wall and floor box locations, where presenters can easily access the system.

## Key Features

### **US one-gang enclosure for Decora-style wallplate openings – interchangeable black or white trim kits**

- Allows inconspicuous installation on a wall, in furniture, or in a floor box. Includes black and white wallplates and faceplates.
- Meets end user requirements for conveniently accessible yet discreet AV connectivity.

### **2×1 HDBaseT switcher with HDMI inputs**

- Conveniently accepts two HDMI sources in a single-gang enclosure.
- Minimizes wall or surface space for a discreet installation.

### **HDCP 2.2 compliant**

- Adheres to latest specification for High-bandwidth Digital Content Protection.
- Allows protected content stream to pass between authenticated devices.

### **HDBaseT transmitter for AV, power, and control up to 330 feet (100 meters)**

- Uses easy-to-integrate category cable for low-cost, reliable system installation.
- Can easily be mixed and matched with Atlona power sourcing (PSE) receivers and switchers depending on system design requirements.

### **4K/UHD capability @ 60 Hz with 4:2:0 chroma subsampling**

- Compatible with sources up to 4K/60 4:2:0 and 4K/30 4:4:4.
- Allows 4K/UHD transmission when used with a compatible HDBaseT-equipped display or HDBaseT receiver.

### **Automatic input selection and automatic display control**

- Automatically changes display power state, and switches between inputs based on device connection or disconnection from the switcher. Also can be configured to power off display after a period of inactivity.
- Enables effortless, automated system operation without the need for an external control system.

### **Remotely powered via PoE (Power over Ethernet)**

- Power for transmitter is supplied by Atlona receiver or switcher over HDBaseT.
- Saves time and integration costs.

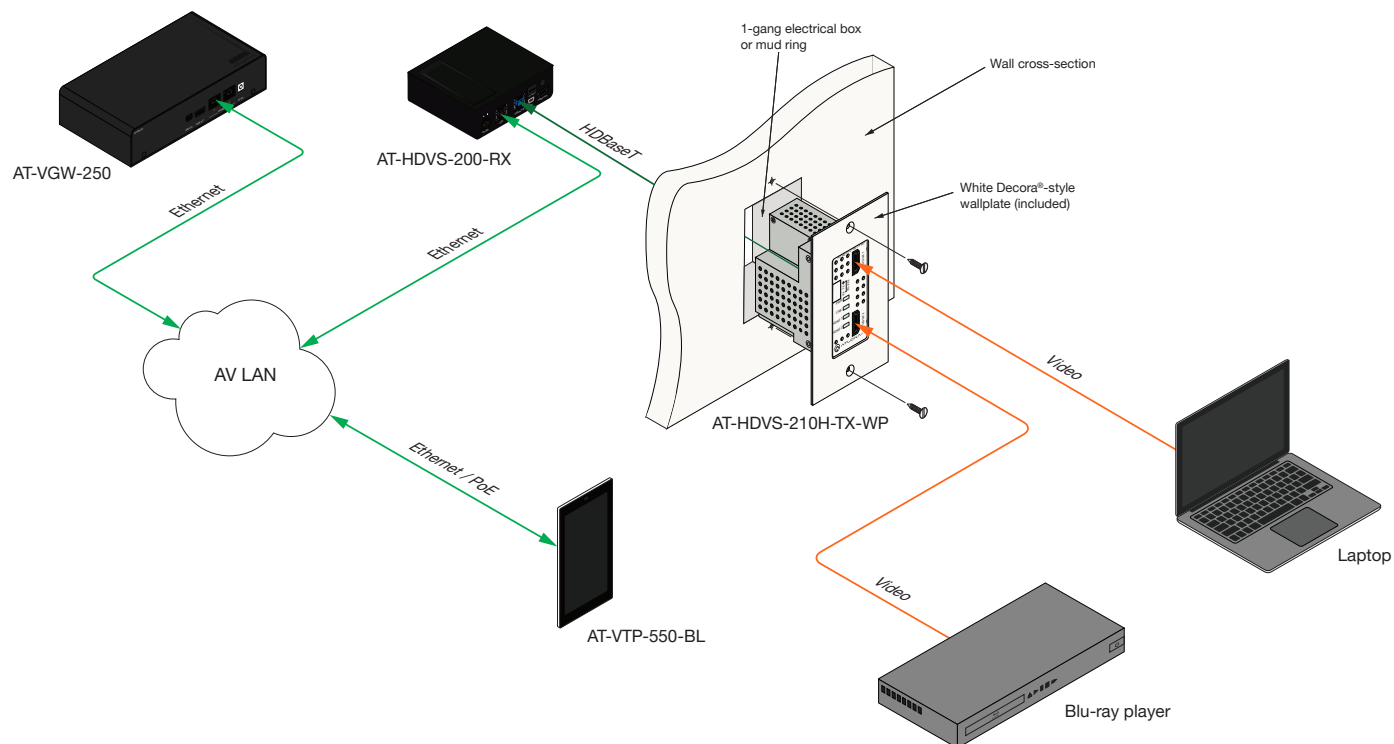
### **TCP/IP and RS-232 control of switcher**

- Flexible control options for compatibility with third-party control systems. TCP/IP control available through a compatible receiver or HDBaseT-equipped switcher.
- Reduces integration time and costs.

### **Award-winning 10 year limited product warranty**

- Ensures long-term product reliability and performance in residential and commercial systems.
- Specify, purchase, and install with confidence.

## Connection Diagram



## Specifications

Video				
UHD/HD/SD	4096×2160@24/25/30/50*/60Hz*, 3840×2160@24/25/30/50*/60Hz*, 2048x1080p, 1080p@23.98/24/25/29.97/30/50/59.94/60Hz, 1080i@50/59.94/60Hz, 720p@50/59.94/60Hz, 576p, 576i, 480p, 480i			
VESA	2560×2048, 2560×1600, 2048×1536, 1920×1200, 1680×1050, 1600×1200, 1600×900, 1440×900, 1400×1050, 1366×768, 1360×768, 1280×1024, 1280×800 1280×768, 1152×768, 1024×768, 800×600, 640×480			
Color Space	YUV, RGB			
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0			
Color Depth	8-bit, 10-bit, 12-bit			
Audio				
HDMI IN / HDBaseT Out	PCM 2Ch, LPCM 5.1, LPCM 7.1, Dolby® Digital, DTS® 5.1, Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio™			
Sample Rate	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz			
Bit Rate	24-bit (max.)			
Resolution / Distance	4K/UHD - Feet / Meters		1080p - Feet / Meters	
HDMI	15	5	30	10
CAT5e/6	230	70	330	100
CAT-6a / CAT-7	330	100	330	100
Signal				
Bandwidth	10.2 Gbps			
CEC	Yes			
HDCP	2.2			
Temperature	Fahrenheit		Celsius	
Operating	32 to 122		0 to 50	
Storage	-4 to 140		-20 to 60	
Humidity (RH)	20% to 90%, non-condensing			
Dimensions	Inches		Millimeters	
Wall	1-gang, 2.35 deep		1-gang, 59.5 deep	
Weight	Pounds		Kilograms	
Device	0.40		0.18	
Certification				
Device	CE, FCC			

\* 4096×2160@50/60Hz & 3840×2160@50/60Hz supported @ chroma subsampling 4:2:0 8-bit only.