



## 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 scalers, 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.

### 2x1 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.

## Specifications

Video							
UHD/HD/SD	4096x2160@24/25/30/50(1)/60Hz <sup>(1)</sup> , 3840x2160@24/25/30/50*/60Hz <sup>(1)</sup> , 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	2560x2048, 2560x1600, 2048x1536, 1920x1200, 1680x1050, 1600x1200, 1600x900, 1440x900, 1400x1050, 1366x768, 1360x768, 1280x1024, 1280x800 1280x768, 1152x768, 1024x768, 800x600, 640x480						
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 / CAT6a	230	70	330	100			
CAT6a / CAT7	330	100	330	100			
Signal							
Bandwidth	10.2 Gbps						
CEC	Yes						
HDCP	2.2						
Temperature		Fahrenheit		Celsius			
Operating	32 to 104		0 to 40				
Storage	-4 to 140		-20 to 60				
Humidity (RH)	20% to 90%, non-condensing						
Dimensions		Inches		Millimeters			
H x W x D		4.07 in x 1.80 in x 2.63 in		103.50 mm x 45.80 mm x 67.00 mm			
Weight		Pounds		Kilograms			
Device		0.40		0.18			
Certification							
Device		CE, FCC					
Warranty							
Device	To view the product warranty, use the following link: <a href="https://atlona.com/warranty">https://atlona.com/warranty</a>						

## Footnotes

(1) 4096x2160@50/60Hz & 3840x2160@50/60Hz supported @ chroma subsampling 4:2:0 8-bit only.



4K/UHD  
**Two-Input Wallplate Switcher**  
for HDMI with HDBaseT™ Output

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