



Introduction

The Atlona AT-HDVS-150-TX-WP is a 2x1 wall plate switcher with display control for HDMI and VGA transmission over HDBaseT™. It features an HDMI input plus VGA input with 3.5mm audio connector and a two-gang, US or UK two-gang wall plate. Plates without buttons are also available (AT-HDVS-TX-WP-NB). Designed as a remote input device for the AT-UHD-CLSO-824 matrix switcher, the AT-HDVS-150-TX-WP combines the benefits of a switcher with built-in auto-switching and the advantages of long-distance HDBaseT signal extension over a single cable. HDMI signals up to 4K/UHD @ 60Hz with embedded audio, VGA input signals up to 1920x1200 video, and control signals can be extended up to 230 feet (70 meters). The switcher enables auto display on/off, auto-switching, along with other features. The switcher receives power from the AT-UHD-CLSO-824 using Power over Ethernet. The AT-HDVS-150-TX fits inside any 40 mm deep two-gang electrical box or mud ring and is ideal for long distance transmission and display control in corporate or educational settings using analog and digital sources.

The Atlona AT-HDVS-150-TX-WP switcher expands the input capabilities of the AT-UHD-CLSO-824. Each remote switcher provides input access for up to two devices with controls for input selection and can control display power state when used with a third party control system. The HDVS series is designed to smooth the transition from analog to digital displays, allowing advanced HDMI display devices to be used with legacy VGA sources. The series also adds the simplicity and performance of HDBaseT technology to eliminate multiple cable runs and signal degradation that can occur with long transmission lines. Cost-effective and easy-to-terminate category cable provides additional

Key Features

US or UK, two-gang wall plate

- Shallow, 1.5 in (40 mm) deep wall plate simplifies integration with a recessed RJ45 connector.
- Attractive alternative to table top boxes for placement near presenter's station.

2×1 HDBaseT™ switcher

- Features an HDMI input plus VGA input with 3.5mm audio connector.
- Allows advanced HDMI display devices to be used with legacy VGA sources.

Long distance HDMI extension

- Transmits AV signals up to 230 ft (70m) @ 1080P and 130 ft (40m) @ 4K/UHD using CAT6a/7 cable.
- Uses easy-to-integrate category cable for low-cost, reliable system installation.

Auto-switching

- Selects active input when sources are connected or if there is a change in source power status.
- Eliminates need for complex control system in small AV systems.

Front panel Input Select button

- Overrides auto-switching when two active sources are present.
- Simple manual control allows presenter to maintain control of AV system.

Auto display control

- Automatically changes projector power state based on active or standby mode of scaler. Control signals transmitted via RS-232.
- Eliminates need for complex control system in small AV systems. Enables display and volume control with AT-UHD-CLSO-824.

Front panel Display On/Off control

- Remotely controls display power state; provides alternate 'Display Mute' mode.
- Eliminates need for manual operation of display or use of IR remote control.

Optional "No Button" US faceplate

- Input control from third-party switcher only.
- Allows the presenter to control the meeting.

Specifications

Video		
Signal	Input - HDMI, VGA Output - HDBaseT	
Copy Protection	HDCP 2.2	
Pixel Clock	600MHz	
UHD/HD/SD	4096x2160@60/50/30/25/24Hz ⁽¹⁾ 720p@60/59.94/50Hz 3840x2160@60/50/30/25/24Hz ⁽¹⁾ 576p@50Hz 1920x1080p@60/59.9/50/30/29.97/25/ 24/23.98Hz 576i@25Hz 1920x1080i@30/29.97/25Hz 480p@60/59.96Hz 480i@30Hz	
VESA All resolutions are 60Hz	2560x2048 1366x768 2560x1600 1360x768 2048x1536 1280x1024 1920x1200 1280x800 1680x1050 1280x768 1600x1200 1152x864 1600x900 1024x768 1440x900 800x600 1400x1050 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			
Analog	PCM 2.0		
HDMI / HDBaseT Pass-Through Formats	PCM 2.0 LPCM 5.1 LPCM 7.1	Dolby® Digital Dolby Digital Plus™ Dolby TrueHD Dolby Atmos®	DTS® Digital Surround™ DTS-HD Master Audio™ DTS:X®
Bit Depth	up to 24-bit		
Sample Rate	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz		

Control	
RS-232	Pass through, up to 115200 baud

Resolution / Distance	4K/UHD - Feet / Meters		1080p - Feet / Meters	
HDMI IN/OUT	15	5	30	10
CAT5e	115	35	200	60
CAT6/6a/7	130	40	230	70

Buttons	
Display on/off, Input	2 - Momentary, tact type, LED

Connectors	
HDMI IN	1 - Type A, 19-pin female
HDBaseT OUT	1 - RJ45, female
FW - Firmware	1 - Mini-A USB
Analog IN	1 - 3.5mm
VGA IN	1 - DE15, female

Temperature	Fahrenheit	Celsius
Operating	32 to 122	0 to 50
Storage	-4 to 140	-20 to 60
Humidity (RH)	20% to 90%, non-condensing	

Power	
Consumption	7.95 W
BTU/h	27.2
PoE	Powered by compatible 48V transmitters

Dimensions	
Wall	2 Gang, 1.5 inch (40 mm) deep

Weight	Pounds	Kilograms
Device	0.82	0.37

Certification	
Power Supply	CE, FCC, UL
Unit	CE, FCC

Warranty	
Device	To view the product warranty, use the following link: https://atlona.com/warranty

Accessories

SKU	Description
AT-LC-H2H-1M	LinkConnect HDMI to HDMI 1 Meter Cable
AT-LC-H2H-2M	LinkConnect HDMI to HDMI 2 Meter Cable
AT-LC-H2H-3M	LinkConnect HDMI to HDMI 3 Meter Cable

Footnotes

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

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