



The Atlona AT-HDVS-150-TX is a 3×1 switcher with display control for HDMI and VGA transmission over HDBaseT™. It features two HDMI inputs plus a VGA input with 3.5mm audio connector. Designed as a remote input device for the AT-UHD-CLSO-824 matrix switcher, the AT-HDVS-150-TX combines the benefits of a switcher with built-in auto-switching and the advantages of long-distance HDBaseT signal extension over a single cable. Video signals up to 1080p/60Hz with embedded audio, VGA input signals up to 1920×1200 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 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 switcher expands the input capabilities of the AT-UHD-CLSO-824. Each remote switcher provides input access for up to three 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 integration benefits.

3×1 HDBaseT™ switcher -

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

Long distance HDMI extension -

- Transmits HDMI and VGA/Audio signals up to 230 ft (70m) @ 1080p over CAT6a/7 and 197 feet (60 m) @1080p over CAT5e/6
- Uses easy-to-integrate category cable for low-cost, reliable system installation

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 control with AT-UHD-CLSO-824.

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

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

Specifications

Video Resolutions

Video	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	1920x1200, 1680x1050, 1600x1200, 1600x900, 1440x900, 1400x1050, 1366x768, 1360x768, 1280x1024, 1280x800, 1280x768, 1152x768, 1024x768, 800x600, 640x480	
Colorspace	YUV, RGB	
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0	
Color depth	8-bit, 10-bit, 12-bit	

Audio

Analog IN	PCM 2Ch (de-embedded)	
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, Dolby Atmos	
Sample Rate	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz	
Bit rate	up to 24-bit	

Distance

CAT5e/6 @ 1080p	up to 60M	up to 197 ft
CAT6a/7 @ 1080p	up to 70M	up to 230 ft
HDMI IN/OUT @ 1080p	up to 10 meters	up to 30 feet

Signal

Bandwidth	6.75 Gbps
CEC	Yes
HDCP	1.4

Temperature

Operating	0°C to 50°C	32°F to 122°F
Storage	-20°C to 60°C	-4°F to 140°F
Humidity	20 to 90% non-condensing	

Power

Consumption	18.7W (when paired)
Supply	

Dimension

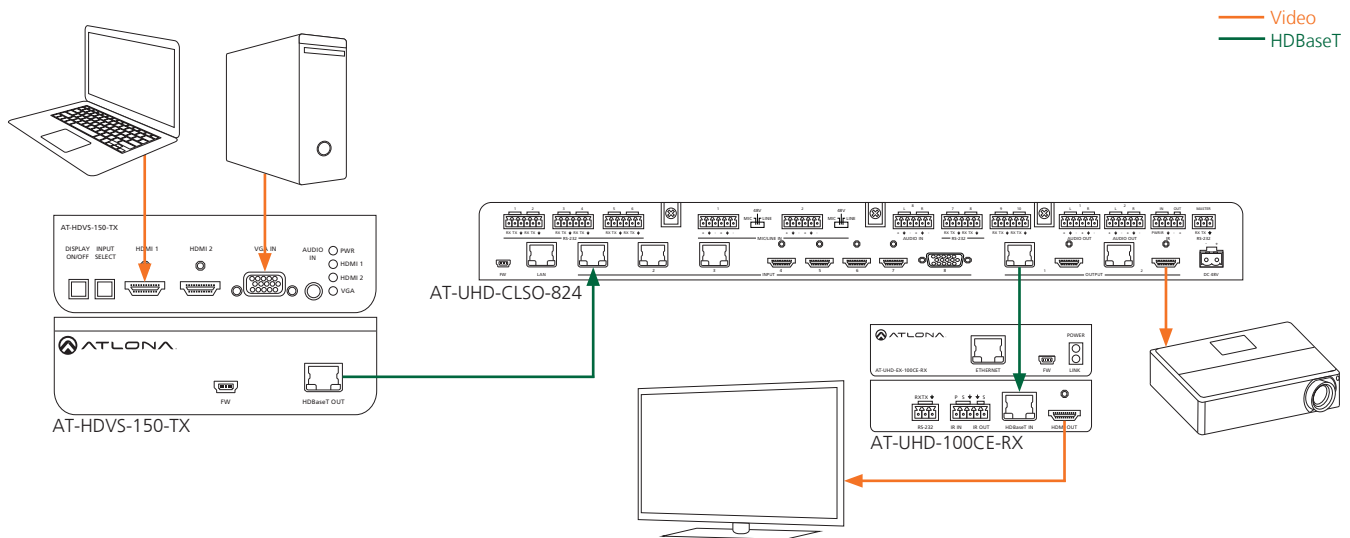
H x W x D	38 x 127 x 102 (mm)	1.5 x 5 x 4.02 (inch)
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Weight

Device	2.34 kg	5.16 lbs
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Certification

Product	CE, FCC
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