



The Atlona AT-UHD-HDVS-300-KIT provides AV switching, USB and HDMI extension, plus system control for huddle spaces and meeting rooms using PC-based conferencing codecs such as Skype®, WebEx®, and GoToMeeting®. The transmitter and receiver kit offers five video inputs shared between both devices for HDMI, DisplayPort, and analog video signals. To simplify conference room device management, the kit provides two USB type B connectors for host computers. Two built-in USB hubs, one on the transmitter and one on the receiver, allow for numerous Human Interface Devices (HID) as well as USB cameras and microphones. For the HDMI inputs, the HDVS-300-KIT is compatible with Ultra High Definition sources and displays up to 4K/UHD @ 60 Hz with 4:2:0 color subsampling. All audio, video, data, control, USB, and Ethernet transmission between the two devices is carried over a single, Ethernet-enabled HDBaseT link up to 330 feet (100 meters).

Simple meetings demand simple systems. Attendees want to walk into a meeting space, open their laptop, and start a cloud-based conference. But to get quality results, systems are designed with AV Extenders, USB extenders, USB hubs, remote controls, cameras, microphones and all the associated cable runs. The HDVS-300-KIT was designed to eliminate the clutter and system complexity in huddle spaces and meeting rooms where USB cameras and microphones are incorporated into professional AV systems with just two devices and a single category cable. This kit also excels in hybrid rooms where a traditional HDVS system is required for one meeting but also for rooms needed cloud-based conferencing.

Integrates PCs, USB webcams and USB mics for presentations and teleconferences -

- Brings advanced conferencing capabilities to huddle spaces and small meeting rooms; Reduces the number of system components needed for soft codec-based conferences
- Removes operational barriers for system users; Lowers overall system costs

Receiver with additional HDMI Input, USB hub, and PoE -

- Provides an additional system input at the display for fixed PCs; Ideal for systems with USB 3.0 cameras attached to the PC
- Expands system design flexibility without increasing integration costs

Bidirectional USB 2.0 extension between conference table and display -

- Two USB type B interfaces for connection to host computers and five USB type A ports
- Eliminates separate USB switchers, transmitters, and receivers

Four-input AV switcher with USB hub and Ethernet-enabled, extended distance HDBaseT™ extension -

- Delivers 4K/UHD video, audio, 100Base-T Ethernet, power with USB management and control through a single cable
- Reduces cable counts and floor box connections between source, control system, router, and display to a single cable

Automatic display control -

- Automatically changes projector power state based on active or standby mode of switcher. Control signals transmitted via CEC, IP, or RS-232
- Enables display and volume control. CEC enables control of low-cost consumer displays

Automatic input selection using video detection technology -

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

Specifications

Video Resolutions

Video	4096x2160@24/25/30/50*/60Hz*, 3840x2160@24/25/30/50*/60Hz* (UHD), 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
Color Depth	8-bit, 10-bit, 12-bit

Audio

HDMI	PCM 2Ch, LPCM 5.1, LPCM 7.1, Dolby Digital, DTS 5.1, Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
Sample Rate	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz
Bit Rate	up to 24-bit

Distance

CAT5e/6 @ 4K	up to 70M	up to 230 ft
CAT6a/7 @ 4K	up to 100M	up to 330 ft
CAT5e/6 @ 1080p	up to 100M	up to 330 ft
HDMI IN/OUT @ 4K	up to 5M	up to 15 ft
HDMI IN/OUT @ 1080p	up to 10M	up to 30 ft

Signal

Bandwidth	10.2 Gbps
CEC	Compliant
HDCP	Switchable - Compliant/Non-compliant

Temperature

Operating	0°C to 40°C	32°F to 104°F
Storage	-20°C to 60°C	-4°F to 140°F
Humidity	20 to 90% non-condensing	

Power

Consumption	23 W
Idle Consumption	15 W
Supply	Input: AC100-240V ~ 50/60Hz Output: DC 48V

Dimension

H x W x D (TX)	47 x 220 x 260 (mm)	1.85 x 8.66 x 10.24 (inch)
H x W x D (RX)	26 x 109 x 127 (mm)	1.02 x 4.29 x 5 (inch)

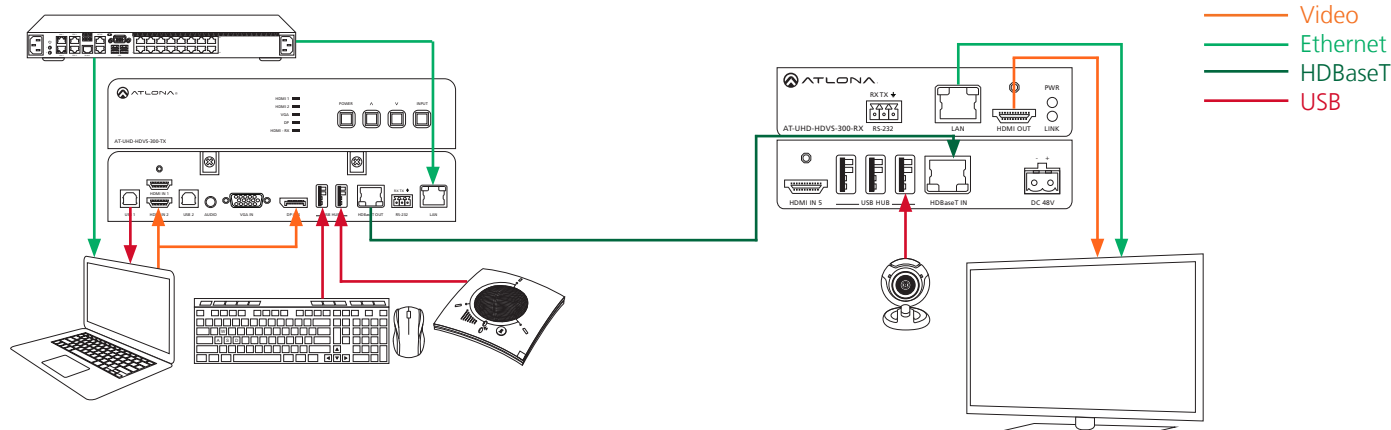
Weight

Device (TX)	1.2 kg	2.65 lbs
Device (RX)	0.28 kg	0.62 lbs

Certification

Unit	CE, FCC
Power Supply	CE, FCC, Level VI, RoHS, cULus, RCM, CCC

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



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