ATLONA®

Connecting Technology

New Products
Fall 2017

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AMS READY

Residential AV Over IP Done Right

Atlona **OmniStream™ R-Type** finally brings a solution to the market that addresses all the needs of residential and light commercial integrators, both today and into the future. It delivers the performance and dependability of traditional AV distribution, plus the flexible scalability and cost efficiency of integrating over a standard Gigabit network. OmniStream R-Type is especially ideal for system designs with just a few source devices feeding a large number of destinations throughout a large residence, or a light commercial environment such as a bar or restaurant.

The OmniStream R-Type product family includes the **OmniStream 512 (AT-OMNI-512)** dual-channel AV encoder, **OmniStream 521 (AT-OMNI-521)** single-channel AV decoder, and the **OmniStream 538 (AT-OMNI-538)** audio over IP bridge with eight stereo outputs. The OmniStream 512 and 521 deliver pristine video quality with very low latency, and support HDMI resolutions up to UHD @ 60 Hz along with HDR. The OmniStream 538 is ideal for interfacing HDMI embedded audio streams from OmniStream 512 encoders into a whole-house audio system.

Simplicity of integration with no IT expertise necessary
- Simplify large system designs for AV distribution with standard Gigabit networking hardware and structured cabling.
- Easy configuration of AV and control routing with the free Atlona Management System (AMS) 2.0 software.
- Atlona Certified Switch configurations let you use popular switches such as Cisco and Luxul in a plug-and-play manner.

Supports UHD @ 60 Hz plus HDR
- Compatible with HDR10 and other HDR formats enabled in the HDMI 2.0b specification.
- HDCP 2.2 compliant.

SMPTE VC-2 visually lossless video compression
- Broadcast-quality, light video compression.
- Ensures pristine-quality video and graphics performance.
- Imperceptible sub-frame latency enables any application, including video games where any extra latency will be intolerable.

Presentation enhancement features for light commercial applications
- Video wall processing for display arrays of any size.
- Display labels or messages on-screen as scrolling text.
- Overlay a company logo or display a full-screen image.

OmniStream 512 two-channel AV encoder
- Independent encoding for two HDMI sources in a single box.
- Allows high-density rack installations and reduces box count.
- Remotely powered via PoE (Power over Ethernet).

OmniStream 521 single-channel AV decoder
- High performance upscaling and downscaling.
- Video processing up to UHD @ 60 Hz.
- Remotely powered via PoE (Power over Ethernet).

OmniStream 538 eight-output audio over IP bridge
- Receives AES67 audio from OmniStream 512 encoders.
- AES67-compatible audio over IP streaming.
- Eight analog stereo outputs with dedicated gain controls.

The Atlona **Etude™ Sync (AT-ETU-SYNC)** provides EDID emulation and Hot Plug Detect communication between HDMI® sink and source devices. It detects and corrects for signal integrity issues associated with cabling or connections, and can resolve compatibility problems between a source and sink. The Etude Sync is compatible with high dynamic range (HDR) formats and is HDCP 2.2 compliant. It supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps. In addition to addressing HDMI signal and device-related issues, the Etude Sync reports HDCP compliance at the source and destination, and can manage EDID communication with the source. This device is ideal for AV system troubleshooting as well as ensuring reliable, consistent performance.

EDID emulation and management for HDMI signals
- Provides EDID to the HDMI source device from the display or the Etude Sync's internal memory.
- Ensures desired audio formats and video resolutions are provided to the AV system.

Hot Plug Detect emulation for HDMI source and sink communications
- Restores +5 volt and HPD signals lost due to faulty or long cables, or when signals are passed through multiple distribution devices.
- Enables the essential signal handshaking necessary for the source to deliver video content.

Detects and resolves issues associated with signal handshaking between source and destination devices
- Ideal for troubleshooting performance or reliability issues related to cabling, terminations, source and display compatibility, and other factors.
- Quickly and easily installs into AV systems to address HDMI signaling or EDID problems and ensure dependable operation.

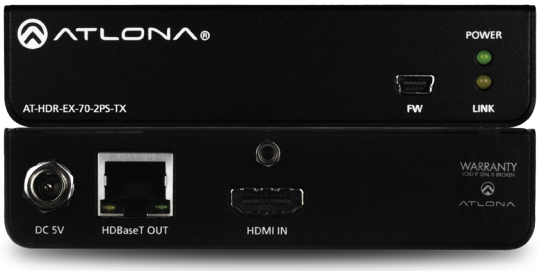
4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling, plus support for HDR formats
- Compatibility with new and emerging 4K/UHD and HDR-capable sources and displays.
- Fully supports video resolutions, audio formats, and color space formats in the HDMI 2.0a specification.

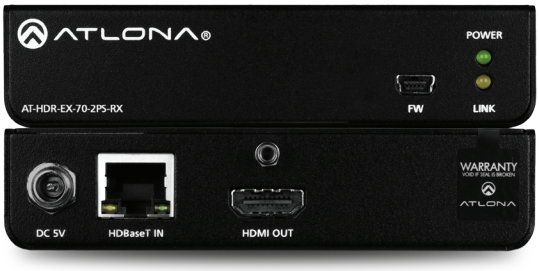
HDCP 2.2 compliant
- Adheres to latest specification for High-bandwidth Digital Content Protection.
- Allows protected content stream to pass between devices.

Provides HDMI signal regeneration for legacy source devices
- Allows HDMI 1.2 sources such as cable television set-top boxes to be used in newer systems.
- Addresses the lack of support for the HDMI 1.3 clock stretching protocol required in HDBaseT extenders.

Front panel power and signal status LEDs
- LED indicators provide power and signal status information for +5 volt source supply, hot plug detect, and HDCP.
- Quick and easy identification of connection or signal integrity problems, as well as HDCP compliance at source and destination.

USB-powered with the included power supply or local device
- Flexible options available for installing the Etude Sync in the field.
- For testing or troubleshooting, device can conveniently be powered by a laptop or any available USB port nearby.





The Atlona **AT-HDR-EX-70-2PS** is an HDBaseT™ transmitter/receiver kit for high dynamic range (HDR) formats. The kit is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI® data rates up to 18 Gbps. The HDR-EX-70-2PS provides HDMI transmission up to 230 feet (70 meters) for 1080p video, and up to 130 feet (40 meters) for 4K HDR over CAT6a/7 cable. This extender kit features visually lossless compression with no latency to enable HDR and 4K/60 4:4:4 video signal extension over HDBaseT. The HDR-EX-70-2PS delivers a cost-effective solution for HDMI extension, with locally powered transmitter and receiver endpoints as well as surface mounting hardware for discreet installation.

4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling, plus support for HDR formats

- Compatibility with new and emerging 4K/UHD and HDR-capable sources and displays.
- Fully supports video resolutions, audio formats, and color space formats in the HDMI 2.0a specification.

HDCP 2.2 compliant

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

Supports 4K HDR10 @ 60 Hz (4:2:0 chroma subsampling, 10-bit color)

- Compatible with HDR10 and other HDR formats enabled in the HDMI 2.0a specification.
- Ready to integrate with consumer video sources delivering HDR content.

HDBaseT extender kit for HDMI up to 230 feet (70 meters)

- Transmits HDMI signals up to 230 feet (70 meters) @ 1080p and 130 feet (40 meters) @ 4K HDR using CAT6a/7 cable.
- Uses easy-to-integrate category cable for low-cost, reliable system installation.

Visually lossless compression

- Enables HDBaseT transmission of HDMI up to 18 Gbps using extremely light video compression with no latency.
- Innovative signal extension solution delivers very high, pristine image quality.

Multi-channel audio compliant

- Supports PCM, Dolby Digital, Dolby Digital Plus™, Dolby TrueHD, Dolby Atmos®, DTS Digital Surround™, DTS-HD Master Audio™, and DTS:X™.
- Allows any multi-channel audio stream to be used within a residential or professional audio system.

AMS READY

The Atlona **AT-HDR-M2C** is an audio converter for extracting and downmixing multi-channel PCM, Dolby®, and DTS® audio from HDMI® sources. It features an HDMI input with pass-through, and delivers stereo downmixed audio over a separate HDMI output, as well as analog unbalanced, and TOSLINK digital audio outputs. The AT-HDR-M2C is compatible with high dynamic range (HDR) formats and is HDCP 2.2 compliant. It supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps. This audio converter includes EDID management features as well as audio volume and bass / treble controls, all available via Ethernet through the Atlona Management System (AMS), the web GUI, or a control system. The AT-HDR-M2C can conveniently serve surround sound and two-channel audio systems from a multichannel audio source.

HDMI audio de-embedding and multichannel audio downmixing

- Supports PCM, Dolby Digital, Dolby Digital Plus™, Dolby TrueHD, Dolby Atmos®, DTS Digital Surround™, DTS-HD Master Audio™, and DTS:X™.
- De-embeds HDMI audio with or without connection to a display or other destination.

Downmixes multi-channel audio to stereo audio

- Extracts, decodes, downmixes, and converts digital multichannel bitstreams to two-channel signals.
- Provides easy integration of HDMI audio sources into whole-house and other audio systems.

4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling, plus support for HDR formats

- Compatibility with new and emerging 4K/UHD and HDR-capable sources and displays.
- Fully supports video resolutions, audio formats, and color space formats in the HDMI 2.0a specification.

HDCP 2.2 compliant

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

Delivers downmixed audio to HDMI, TOSLINK digital audio, and analog audio outputs

- Provides flexible options for integrating with displays and audio systems.
- Also passes through the HDMI input with no downmixing.

Volume and tone adjustments

- Adjustment of output volume, plus bass and treble settings via AMS and the web GUI.
- Avoids the need for an external DSP to set gain and tone controls.

EDID management

- Manages EDID communications with the source through a display's EDID or internally stored EDID.
- Ensures desired audio formats and video resolutions are provided to the AV system.

Configured and managed by AMS

- This IP-controllable product is remotely managed by the Atlona Management System software.
- Integrates product configuration, management, and updates to reduce installation time and enable remote support.

AMS READY

The Atlona **AT-HDR-H2H-44M** is a 4x4 HDMI matrix switcher for high dynamic range (HDR) formats. It is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps. The HDR-H2H-44M is ideal for residential applications with the latest as well as emerging 4K/UHD and HDR sources and displays. It is compatible with all video resolutions, audio formats, and color space formats supported in the HDMI 2.0b specification, plus the ability to pass metadata for HDR content. The HDR-H2H-44M includes EDID and HDCP management features, and can send CEC display control independently to each output. A TOSLINK digital audio output is paired with each HDMI output for sending de-embedded HDMI audio to an AV receiver or soundbar. The HDR-H2H-44M can be controlled via Ethernet, RS-232, and IR. A handheld IR remote control is included.

4x4 HDMI matrix switcher
- Delivers high performance, reliable HDMI signal matrix switching.
- Easy to install and deploy in residential and commercial applications.

4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling, plus support for HDR formats
- Compatibility with new and emerging 4K/UHD and HDR-capable sources and displays.
- Fully supports video resolutions, audio formats, and color space formats in the HDMI 2.0b specification.

HDCP 2.2 compliant
- Adheres to latest specification for High-bandwidth Digital Content Protection.
- Allows protected content stream to pass between devices.

CEC display control
- Sends display power on/off and volume controls to a specific HDMI output.
- Enables independent control of displays connected to the matrix switcher.
- CEC control can be triggered by IP or RS-232 control commands.

HDMI audio de-embedding
- Extracts HDMI two-channel PCM or multi-channel bitstream audio to a TOSLINK digital audio output paired with a corresponding HDMI output.
- Provides an additional integration option for AV receivers and soundbars.

EDID management
- Manages EDID communications with the source through a display's EDID or internally stored EDID.
- Ensures desired audio formats and video resolutions are provided to the AV system.

HDCP management
- HDCP compliance can be disengaged through AMS or a control system.
- Allows non-protected material from PCs to pass to non-compliant displays, streaming devices, and teleconference systems; protected content is not transmitted.

TCP/IP, RS-232, and IR control
- Flexible control options for compatibility with third-party control systems.
- Reduces integration time and costs.
- Includes a convenient handheld IR remote control.

AMS READY

The Atlona **AT-HDVS-210U-TX-WP** is a 2x1 switcher and HDBaseT™ transmitter with HDMI® and USB-C inputs. It features a US one-gang, Decora®-style wallplate form factor, and includes interchangeable black and white wallplates and faceplates. The USB-C input is ideal for AV interfacing with newer Mac®, Chromebook™, and Windows® PCs, as well as smartphones and tablets. Video signals up to 4K/UHD @ 60 Hz with 4:2:0 chroma subsampling, plus embedded audio, control, and Ethernet can be transmitted up to 330 feet (100 meters). The HDVS-210U-TX-WP is HDCP 2.2 compliant. It is designed for use with the AT-UHD-EX-100CE-RX-PSE receiver, but can also be used with the AT-HDVS-200-RX receiver and HD scaler, as well as 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).

US one-gang enclosure for Decora-style wallplate openings – interchangeable as black or white

- Allows inconspicuous installation on a wall, in furniture, or in a floor box.
- Includes black and white wallplates and faceplates.
- Ships with white plates installed.

2×1 HDBaseT switcher with HDMI and USB-C inputs

- Immediate compatibility with new and emerging laptops, tablets, and smartphones with USB-C ports supporting AV.
- No need to provide USB-C to HDMI adapters.
- Note: USB-C port does not support USB data or device powering.

HDCP 2.2 compliant

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

HDBaseT transmitter for AV, Ethernet, 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 receivers and switchers depending on system design requirements.

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 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.
- Reduces integration time and costs.

The Atlona **AT-HDVS-CAM** is an enterprise-grade PTZ camera designed for use with the AT-UHD-HDVS-300-KIT in soft codec conferencing applications. It features a USB interface for video and camera control. The HDVS-CAM seamlessly integrates with the HDVS-300-KIT for a complete, automated conferencing system that includes AV and USB extension, plus automatic input selection and display powering when a PC is connected. The HDVS-CAM delivers high performance, professional-quality imaging with video resolutions up to 1080p @ 30 Hz, as well as fast and accurate auto-focusing, and a fast yet quiet pan and tilt mechanism. This PTZ camera is ideal for a wide range of small to medium-sized meeting spaces, classrooms, and training rooms.

The HDVS-CAM can be purchased on its own for an existing HDVS-300-KIT installation, or in an HDVS-300 system package as the AT-UHD-HDVS-300-C-KIT.

- Designed for soft codec applications with the HDVS-300 System
- Also available in an AT-UHD-HDVS-300-C-KIT system package
- USB 2.0 interface for video and camera control
- High quality H.264 real-time HD streaming (future)
- Universal PC compatibility through standard UVC (USB Video Class) driver
- Compatible with a wide range of soft codecs and unified communications (UC) platforms
- High performance imaging, fine detail, and color rendering with 1/2.8" low-noise, HD CMOS sensor
- Available video resolutions from 176x144 up to 1080p @ 30 Hz
- Fast and accurate auto focus, plus auto white balance and auto exposure modes
- Fast and quiet pan and tilt mechanism
- Multi-element zoom lens with 10x optical zoom and a 60.9° horizontal field of view
- Picture controls available for brightness, color, saturation, contrast, sharpness, and gamma
- TCP/IP, RS-232, USB, and IR control – convenient handheld IR remote control included
- PTZ camera control available from popular soft codec and UC clients such as Skype® for Business
- Easy, GUI-based configuration using integrated web server

AMS READY

The Atlona **JunoX™ 451 (AT-JUNO-451)** is a 4x1 HDMI switcher for high dynamic range (HDR) formats. It is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps. The JunoX 451 is ideal for residential applications with the latest as well as emerging 4K/UHD and HDR sources and displays. It is compatible with all video resolutions, audio formats, and color space formats supported in the HDMI 2.0a specification, plus the ability to pass metadata for HDR content. The JunoX 451 includes EDID management features and automatic input switching. It also supports the HDMI Audio Return Channel for receiving digital audio from a television, and includes a TOSLINK digital audio output for sending this audio an AV receiver or soundbar. This JunoX Series HDMI switcher can be controlled via Ethernet, RS-232, and IR. A handheld IR remote control is included.

The JunoX 451 is designed to deliver dependable, pristine-quality image presentations in residential as well as commercial applications. It includes Atlona's award-winning 10 year limited product warranty and customer support services, so that integrators can specify, purchase, and install with confidence.

4x1 HDMI switcher
- Delivers high performance, reliable HDMI signal switching.
- Easy to install and deploy in residential and commercial applications.

4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling, plus support for HDR format
- Compatibility with new and emerging 4K/UHD and HDR-capable sources and displays.
- Fully supports video resolutions, audio formats, and color space formats in the HDMI 2.0a specification.

HDCP 2.2 compliant
- Adheres to latest specification for High-bandwidth Digital Content Protection.
- Allows protected content stream to pass between devices.

Automatic input selection using hot plug detect and video detection technology
- Selects active input when sources are connected or if there is a change in source power status.
- Enables simplified, automatic system operation with no user intervention necessary.

EDID management
- Manages EDID communications with the source through a display's EDID or internally stored EDID.
- Ensures desired audio formats and video resolutions are provided to the AV system.

Delivers return audio from a TV to an optical digital audio output
- Supports the HDMI Audio Return Channel and provides a return audio pathway from a television to an AV receiver or soundbar over the TOSLINK digital audio output.
- Easy and convenient integration of television audio for over-the-air broadcasts, smart TV apps, and more.

TCP/IP, RS-232, and IR control
- Flexible control options for compatibility with third-party control system.
- Reduces integration time and costs. Includes a convenient handheld IR remote control.

Front panel input selection status LEDs
- LED indicators provide HDMI input selection status information.
- Provides easy setup and troubleshooting.

The Atlona **Rondo™ 442 (AT-RON-442)** is a 1x2 HDMI distribution amplifier for high dynamic range (HDR) formats. It is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps. The Rondo 442 is ideal for applications requiring the latest as well as emerging 4K/UHD and HDR sources and displays. It is compatible with all video resolutions, audio formats, and color space formats supported in the HDMI 2.0a specification, plus the ability to pass metadata for HDR content. This Rondo Series HDMI distribution amplifier includes EDID management features, front panel LED indicators for power and signal status, and the capability to cascade several units without compromising performance.

The Rondo 442 is designed to deliver dependable, pristine-quality image presentations in commercial and residential applications. It includes Atlona's award-winning 10 year limited product warranty and customer support services, so that integrators can specify, purchase, and install with confidence.

1x2 HDMI distribution amplifier
- Delivers high performance, reliable HDMI signal distribution.
- Easy to install and deploy in commercial and residential applications.

4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling, plus support for HDR formats
- Compatibility with new and emerging 4K/UHD and HDR-capable sources and displays.
- Fully supports video resolutions, audio formats, and color space formats in the HDMI 2.0a specification.

HDCP 2.2 compliant
- Adheres to latest specification for High-bandwidth Digital Content Protection.
- Allows protected content stream to pass between devices.

EDID management
- Manages EDID communications with the source through a display's EDID or internally stored EDID.
- Ensures desired audio formats and video resolutions are provided to the AV system.

Supports cascading up to eight units
- Combine multiple Rondo 442 and other Rondo Series units without compromising performance or reliability.
- System designs and configurations can easily be adapted or modified as needed.

Front panel power and signal status LEDs
- LED indicators provide power and HDMI input / output signal status information.
- Provides easy setup and troubleshooting.

The Atlona **Rondo™ 444 (AT-RON-444)** is a 1x4 HDMI distribution amplifier for high dynamic range (HDR) formats. It is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps. The Rondo 444 is ideal for applications requiring the latest as well as emerging 4K/UHD and HDR sources and displays. It is compatible with all video resolutions, audio formats, and color space formats supported in the HDMI 2.0a specification, plus the ability to pass metadata for HDR content. This Rondo Series HDMI distribution amplifier includes EDID management features, front panel LED indicators for power and signal status, and the capability to cascade several units without compromising performance.

The Rondo 444 is designed to deliver dependable, pristine-quality image presentations in commercial and residential applications. It includes Atlona's award-winning 10 year limited product warranty and customer support services, so that integrators can specify, purchase, and install with confidence.

1x4 HDMI distribution amplifier
- Delivers high performance, reliable HDMI signal distribution.
- Easy to install and deploy in commercial and residential applications.

4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling, plus support for HDR formats -
- Compatibility with new and emerging 4K/UHD and HDR-capable sources and displays.
- Fully supports video resolutions, audio formats, and color space formats in the HDMI 2.0a specification.

HDCP 2.2 compliant
- Adheres to latest specification for High-bandwidth Digital Content Protection.
- Allows protected content stream to pass between devices.

EDID management
- Manages EDID communications with the source through a display's EDID or internally stored EDID.
- Ensures desired audio formats and video resolutions are provided to the AV system.

Supports cascading up to eight units
- Combine multiple Rondo 444 and other Rondo Series units without compromising performance or reliability.
- System designs and configurations can easily be adapted or modified as needed.

Front panel power and signal status LEDs
- LED indicators provide power and HDMI input / output signal status information.
- Provides easy setup and troubleshooting.

AMS READY

The Atlona **AT-UHD-CLSO-840** is a 4K/UHD 8x4 matrix switcher with HDMI® and HDBaseT™ with eight inputs, four discrete outputs, flexible audio integration capabilities, and Ethernet-enabled 100 meter HDBaseT extension with PoE remote device powering. It is highly versatile and ideal for presentation environments with content on multiple displays, as well as videoconferencing, presentation capture, and divisible rooms. The AT-UHD-CLSO-840 supports resolutions up to 4K/UHD at 60 Hz with 4:2:0 chroma subsampling. Ethernet pass-through allows HDBaseT Ethernet extension from a control system or network. Audio system integration is streamlined with audio embedding and de-embedding, independent audio matrix switching, dedicated input and output gain controls, and a five-band EQ for each output. The AT-UHD-CLSO-840 is configured and managed using Atlona Management System software to simplify installation and enable remote monitoring and support.

8x4 matrix switcher with HDBaseT and HDMI inputs and outputs

- Integrates local and remote sources and destinations based on AV application requirements.
- Allows a wide array of system designs with multiple displays, videoconferencing, presentation capture, divisible room configurations, and more.

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

- Compatible with sources and displays up to 4K/60 4:2:0 and 4K/30 4:4:4.
- Supports high resolution applications such as CAD, 3D visualization, desktop publishing, and detailed financial reporting.

Extended distance HDBaseT extension

- Delivers AV, control, and Ethernet up to 330 feet (100 meters) @ 1080p with CAT5e/6 or 4K/UHD using CAT6a/7 cable.
- Use easy-to-integrate network cabling between sources, control system, matrix switcher, network, and displays.

8x4 audio matrix switching for de-embedded audio

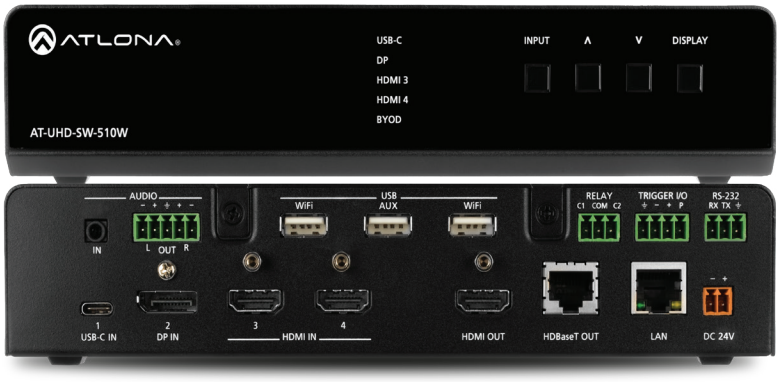
- Allows independent routing of HDMI de-embedded stereo audio to four analog outputs.
- Integrates easily with audio destinations including DSPs, sound reinforcement systems, and videoconferencing codecs.

HDMI audio embedding

- Dedicated inputs allow two-channel source audio to be embedded directly onto HDMI and HDBaseT outputs.
- Deliver audio from a DSP or videoconferencing codec to a display.

PoE power sourcing equipment (PSE) for remote-powered transmitters and receivers

- Delivers power to PoE-capable HDBaseT devices including the Atlona HDVS and UHD-EX Series.
- Allows convenient installation at a lectern, conference table, wall, or display without the need for local AC power.



AMS READY

The Atlona **AT-UHD-SW-510W** is a 5x1 multi-format switcher with wireless presentation capability. It provides universal BYOD (bring your own device) compatibility with HDMI, DisplayPort, and USB-C inputs, plus wireless connectivity for mobile devices. The AT-UHD-SW-510W is HDCP 2.2 compliant, and features an HDMI output and a mirrored HDBaseT™ output that can be used with the Atlona AT-UHD-EX-100CE-RX-PSE HDBaseT receiver. It also includes automatic input switching and automatic display control capability, both applicable to wired and wireless source connections. Additionally, the AT-UHD-SW-510W can be integrated with an occupancy sensor to automatically power up the unit and display. This unique multi-format switcher and wireless gateway provides a universal connectivity solution for presentation devices in a wide range of professional AV applications.

5x1 universal AV switcher

- Two HDMI, one DisplayPort, and one USB-C input, plus an input for wireless AV.
- Delivers true BYOD capability for a wide range of presentation sources.
- Note: USB-C port does not support data.

USB-C input

- Immediate compatibility with new and emerging laptops, tablets, and smartphones with USB-C ports supporting AV.
- Simplifies integration by avoiding the need to provide a special adapter for HDMI or DisplayPort.

Wireless AV gateway

- Provides convenient Wi-Fi connectivity for an iOS®, Android™, Mac®, Chromebook™, or Windows® device. Integrated access point can be segregated from the facility network for security.
- Native platform-based, wireless interfacing allows screen mirroring without the need for a separate app.

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. Works for both wired and wireless source devices.
- Enables effortless, automated system operation without the need for an external control system.

USB-C port can be used to charge laptops, tablets, and smartphones

- Conveniently provides mobile device powering during a meeting or presentation.
- Simple one-cable connection for AV and charging.

Occupancy sensor triggering

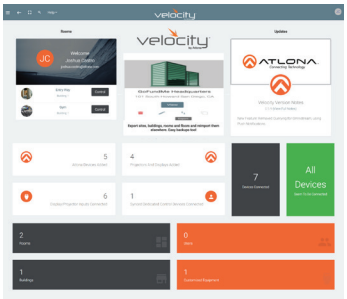
- When someone enters the room, the switcher can wake from standby, power up the display, and deliver a welcome screen.
- Greatly simplifies user operation by avoiding the need to manually power up the system. A wireless connection can be automatically timed out for security and privacy.

velocity™ by Atlona

The Atlona **Velocity™ Control System** is a new AV control platform for very fast, agile control system configuration and deployment, from individual meeting rooms up to an entire campus or enterprise. A powerful, centralized resource allows integrators to easily manage all their AV control clients and site installations.

Velocity features an innovative network-based system architecture with scalability limited only by the IT backbone, as well as full redundancy capability that prevents AV control downtime in any room. Velocity standard features include system monitoring, notifications, intuitive and mobile-friendly GUIs, secure communications, analytics, and more.

The Velocity AV Control System is comprised of three distinct elements that work together as a single, unified platform:
Velocity Control Suite, **Velocity Control Gateway**, and **Velocity Touch Panels**.



Velocity Control Suite
A centralized online resource to create and manage AV control projects by client, client sites, and specific locations including floors and rooms.

Velocity Control Gateway
A software and IP-based control processor designed for several AV systems over a network. It is available as a server appliance, or can be hosted on standard IT server infrastructure.

Velocity Touch Panels
Sleek, stylistic touch panels in 5.5" and 8" sizes with a table mount available. Velocity also offers easy BYOD integration options for tablets, smartphones, PCs, and more.

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