



Product Catalog  
2016 Issue 2



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## Atlona

Atlona is a leading global provider of AV and IT signal distribution and connectivity solutions. In an ever-changing industry, the company has been designing and engineering innovative, award-winning products for a diverse range of residential and commercial AV and IT markets, including education, business, government, entertainment, and healthcare.

Technologies and product solutions include: Atlona OmniStream - AV over IP distribution, HDMI Extenders, HDMI Switchers, HDMI Matrix Switchers, and Presentation Switchers featuring HDBaseT, 4K/UHD capabilities and HDCP 2.2 compliance designed for huddle rooms, video conferencing rooms, training rooms and divisible rooms.

All Atlona products are backed by an award-winning 10-year warranty. See more at <http://www.atlona.com>. Follow us on Twitter @Atlona.

# Atlona Advantage

Atlona offers the industry's best services, support and warranties, so you can specify, purchase, and install with confidence.

## Atlona 10 Year Limited Warranty

Atlona will repair or replace defective electronics or hardware for up to ten years from date of purchase.

## Atlona Next Day Advance Product Replacement

Atlona offers US customers free next-day shipment for up to one year if a product is determined to be defective.

## Atlona 30 Day Customer Satisfaction

Atlona offers a full refund within 30 days of purchase if a product is returned.

## Atlona 7 Day/Week Tech Support

Atlona offers technical support from trained and certified experts, all week, year-round.

## Atlona Academy

Atlona shares industry expertise via webinars, online training, team training, and more.



# What's New

We're always looking for ways to innovate and improve.



## OmniStream™

OmniStream is an all-new AV over IP product family from Atlona for distributing 4K video, audio, and control over a standard Gigabit network. It delivers the performance and dependability of traditional AV distribution, with the virtually unlimited scalability, security, and cost efficiency of integrating over IP networks.



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## OmniStream Single-Channel Networked AV Encoder

The Atlona AT-OMNI-111 is a networked AV encoder for one HDMI source up to 4K/UHD @ 60 Hz with 4:2:0 color subsampling, as well as embedded audio and RS-232 control. It features SMPTE VC-2 visually lossless video compression for critical-quality 4K applications over Gigabit Ethernet with extremely low, sub-frame latency. [model no. AT-OMNI-111]

## OmniStream Single-Channel Networked AV Decoder

The Atlona AT-OMNI-121 is a networked AV decoder for one OmniStream-encoded video stream up to 4K/UHD @ 60 Hz with 4:2:0 color subsampling, as well as embedded audio and RS-232 control. It features HDMI output, 4K/UHD scaling with 4:4:4 processing, multi-channel audio downmixing, audio embedding and de-embedding, and more. [model no. AT-OMNI-121]



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## OmniStream Dual-Channel Networked AV Encoder

The Atlona AT-OMNI-112 is a networked AV encoder with two independent channels of encoding for two HDMI sources up to 4K/UHD @ 60 Hz with 4:2:0 color subsampling, as well as embedded audio and RS-232 control. It features SMPTE VC-2 visually lossless video compression for critical-quality 4K applications over Gigabit Ethernet with extremely low, sub-frame latency. [model no. AT-OMNI-112]

## OmniStream Dual-Channel Dante Networked AV Decoder

The Atlona AT-OMNI-122 is a networked AV decoder with two independent channels of decoding for two OmniStream-encoded video streams up to 4K/UHD @ 60 Hz with 4:2:0 color subsampling, as well as embedded audio and RS-232 control. It features two HDMI outputs, 4K/UHD scaling for each output with 4:4:4 processing, multi-channel audio downmixing, audio embedding and de-embedding, and more. [model no. AT-OMNI-122]



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## OmniStream Dual-Channel Dante Networked Audio Interface

The Atlona AT-OMNI-232 is a Dante™ networked audio interface that transmits and receives two channels of audio over a network. AT-OMNI-232 devices are ideal for integrating microphones and other audio sources with a Dante-equipped DSP and OmniStream AV decoders.

[model no. AT-OMNI-232]

## 4K/UHD, 6-Input Multi-Format Switcher with HDBaseT Inputs, Mirrored HDMI and HDBaseT Outputs

The Atlona AT-UHD-CLSO-612ED is an advanced six-input, multi-format switcher with 4K scaling, Ethernet-enabled HDBaseT™ and PoE capabilities. It simplifies classroom and small office system integration by providing two HDBaseT inputs, two HDMI inputs, two multi-function analog inputs, plus mirrored HDBaseT and HDMI outputs.

(See page 36 for more info.)

[model no. AT-UHD-CLSO-612ED]



**AMS** READY

## 4K/UHD 5 Input HDMI Switcher with Two HDBaseT Inputs and Mirrored HDMI/HDBaseT Outputs

The Atlona AT-UHD-SW-5000ED is a 5x1 switcher with two HDBaseT™ inputs, three HDMI inputs, mirrored HDMI and HDBaseT outputs, balanced audio outputs, automatic input selection, and advanced display control capability. The HDBaseT inputs match perfectly with the HDVS-200-TX modules to enable VGA and HDMI sources to be easily integrated into a system.

(See page 39 for more info.)

[model no. AT-UHD-SW-5000ED]



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## Soft Codec Conferencing System

The Atlona AT-UHD-HDVS-300-KIT provides AV switching, USB and HDMI extension, plus system control for huddle spaces 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.

(See page 62 for more info.)

[model no. AT-UHD-HDVS-300-KIT]



## 4K/UHD Remote Powered HDMI Over 100M HDBaseT Transmitter with Ethernet, Control and PoE

The Atlona AT-UHD-EX-100CE-TX-PD is an HDBaseT™ transmitter for HDMI transmission up to 328 feet (100 meters) over category cable with Ethernet pass through and RS-232 control. It transmits video signals up to 4K/UHD @ 60 Hz with 4:2:0 color subsampling, plus embedded multi-channel audio. The AT-UHD-EX-100CE-TX-PD is HDCP 2.2 compliant and supports EDID communication. (See page 56 for more info.)  
[model no. AT-UHD-EX-100CE-TX-PD]



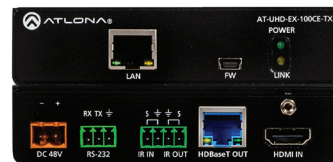
## 4K/UHD Power Sourcing HDMI Over 100M HDBaseT Receiver with Ethernet, Control and PoE

The Atlona AT-UHD-EX-100CE-RX-PSE is a 4K/UHD HDMI over 100M HDBaseT™ receiver for AV signals up to 328 feet (100 meters) over category cable with Ethernet pass through, RS-232, CEC, and Power over Ethernet. It is compatible with signals up to 4K/UHD @ 60 Hz with 4:2:0 color subsampling, plus embedded multi-channel audio and remote 48V power for the transmitter. (See page 56 for more info.)  
[model no. AT-UHD-EX-100CE-RX-PSE]



## 4K/UHD, HDMI Over 100M HDBaseT TX/RX with Ethernet, Control and PoE, and Return Optical Audio

The Atlona AT-UHD-EX-100CEA-KIT is a premium HDBaseT extender pair for residential systems that require audio from the TV to be amplified by an AVR near the set top box located at some distance from the TV. Return audio may be any audio signal including Dolby or DTS up to 5.1 (based on limitations of optical audio standard). (See page 57 for more info.)  
[model no. AT-UHD-EX-100CEA-KIT]



## 4K/UHD HDMI Over 100M HDBaseT Transmitter with Ethernet, Control, and PoE

The Atlona AT-UHD-EX-100CE-TX is an HDBaseT™ transmitter for HDMI transmission up to 328 feet (100 meters) over category cable with Ethernet pass through, plus RS-232 and IR control. Designed to work with HDBaseT inputs on switches and projectors, this extender transmits video signals up to 4K/UHD @ 60Hz with embedded multi-channel audio. See page 57 for more info.)  
[model no. AT-UHD-EX-100CE-TX]





AMS READY

## 4K/UHD 8-Output HDMI to HDBaseT Distribution Amplifier

The Atlona AT-UHD-CAT-8 is a 4K/UHD HDMI to HDBaseT™ distribution amplifier featuring pass-through HDMI input connections, eight, HDBaseT outputs and display control capability. Each output transmits AV and control signals up to 230 ft. (70 m) @ 1080p and 130 ft. (40 m) @ 4K/UHD.

(See page 49 for more info.) [model no. AT-UHD-CAT-8]



Works with AMS

## 8-Button Network Control Panel

The Atlona AT-ANC-108D is an 8-button network control panel for Atlona IP-based switchers. It is designed for easy configuration using the free Atlona Management System (AMS) software resource. Only one category cable needs to be connected to the AT-ANC-108D ensuring fast, hassle-free installation of control signal and power. (See page 45 for more info.)

[model no. AT-ANC-108D]



AMS READY

## 4K/UHD 4-Output HDMI to HDBaseT Extended Distance Distribution Amplifier

The Atlona AT-UHD-CAT-4ED is a 4K/UHD HDMI to HDBaseT™ distribution amplifier featuring pass-through HDMI input connections, four extended distance, Ethernet-enabled HDBaseT outputs and display control capability. Each output transmits AV and control signals up to 328 ft. (100 m) (See page 48 for more info.)

[model no. AT-UHD-CAT-4ED]



## HDBaseT to HDMI Scaler Receiver with Display Control

The Atlona AT-HDVS-150-RX is an HDBaseT™ scaler receiver for HDMI transmission over category cable. Receives AV signals up to 1080p/60 Hz and 1920×1200 video with embedded multi-channel audio and control signals up to 230 feet (70 meters). Features include balanced analog audio de-embedding, RS-232 control, and Power over Ethernet cable (PoE) for sending remote power to the HDVS series transmitter. (See page 60 for more info.) [model no. AT-HDVS-150-RX]



AMS READY

## 4K/UHD 4-Output HDMI to HDBaseT Distribution Amplifier

The Atlona AT-UHD-CAT-4 is a 4K/UHD HDMI to HDBaseT™ distribution amplifier featuring pass-through HDMI input connections, four HDBaseT outputs and display control capability. Each output transmits AV and control signals up to 230 ft. (70 m) @ 1080p and 130 ft. (40 m) @ 4K/UHD. (See page 49 for more info.)

[model no. AT-UHD-CAT-4]



AMS READY

## Two-Input Wall Plate Switcher for HDMI and VGA Sources

The AT-HDVS-200-TX-WP is a 2×1 switcher for HDMI and VGA inputs with HDBaseT output. It features a US, two-gang, Decora form factor with one HDMI and one VGA input with an always-on 3.5mm audio connector. (See page 61 for more info.)

[model no. AT-HDVS-200-TX-WP]

# Solutions

We design solutions with the system in mind. We're always looking for new ways to resolve specific challenges for unique installations.



## Huddle

Small meeting spaces and small budgets don't mean you have to settle for inferior AV systems. The AT-HD-SC-500 packs automatic input selection, automatic display control scaling, and audio routing into one compact package.



## Meeting

An ideal AV system for small spaces, the HDVS-200 Series includes both a compact 3x1 switcher and 2x1 wall plate switcher, both with Advanced Automatic System Control (AASC) and HDBaseT™ outputs plus the AT-HDVS-200-RX scaler.



## Teleconferencing

Improve PC-based teleconferences using Skype™ or GoToMeeting™ with the Atlona Soft Codec Conferencing System. HDMI switching and extension coupled with USB inputs for microphones and webcams help your AV systems make a better impression.



## Small Conference

HDVS transmitters and the SW-5000ED 5-input switcher with HDBaseT make a powerful conference room solution for remote inputs and extended-distance outputs. AASC and the Atlona Management System simply system set up and operation.



## Conference

The AT-UHD-CLSO-612ED multi-format switcher is perfect when used with HDVS transmitters in conference rooms with multiple digital and analog sources in multiple locations.



## Divisible

The AT-UHD-CLSO-824 is the centerpiece of complex AV systems. An 8x2 presentation matrix with flexible configuration capabilities allow for support of up to four, 4K/UHD displays.



## Whole Home

Simplify your AV system designs by sharing AV sources throughout the home using the UHD PRO3 Series matrix switcher Series. Includes built-in extension technology for 4K/UHD signal distribution.



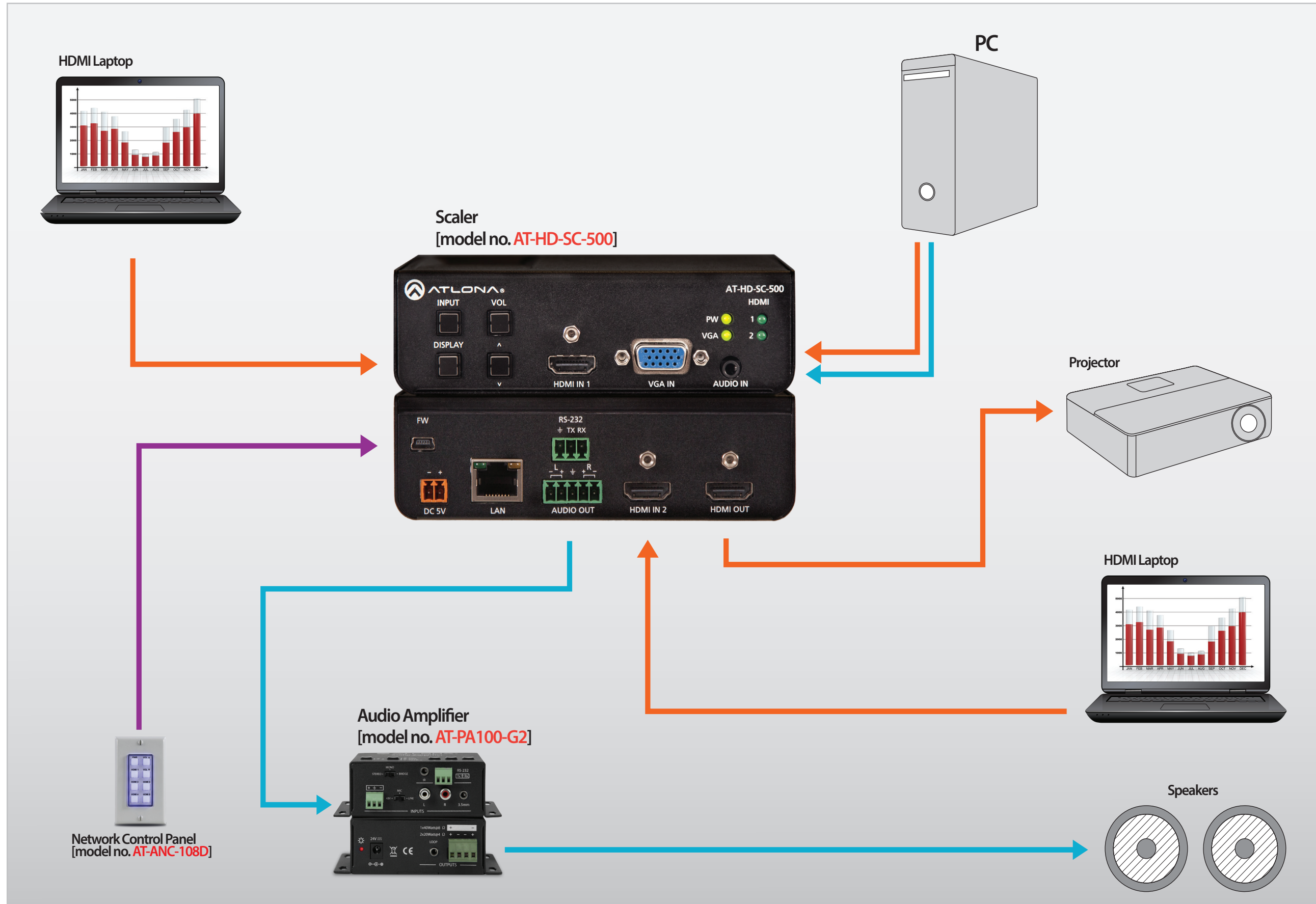
## Enterprise

OmniStream offers an ideal signal distribution solution to address enterprise AV and control signal distribution over Gigabit Ethernet.

## Atlona Huddle Room Solution

Small meeting spaces and small budgets don't mean you have to settle for inferior AV systems. The AT-HD-SC-500 packs automatic input selection, automatic display control scaling, and audio routing into one compact package.

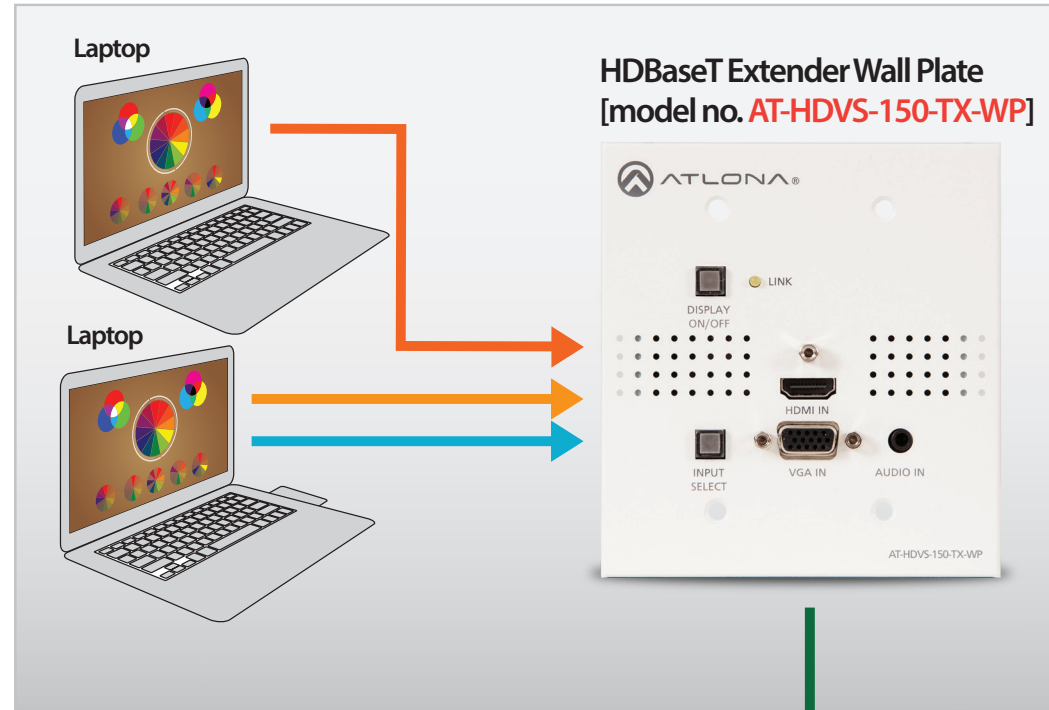
# Huddleroom Solution 1



## Atlona Meeting Room Solution

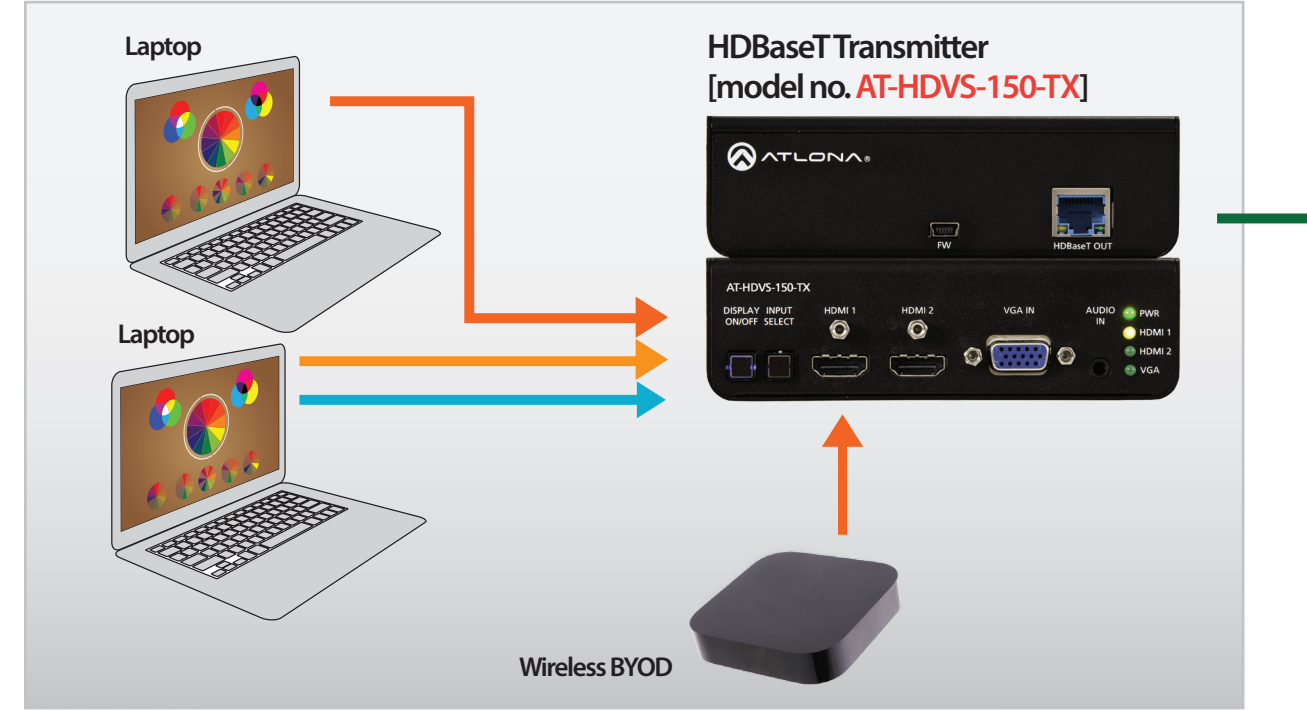
An ideal AV system for small spaces, the HDVS-200 Series includes both a compact 3x1 switcher and 2x1 wall plate switcher, both with Advanced Automatic System Control (AASC) and HDBase™ outputs plus the AT-HDVS-200-RX scaler.

### Huddle Room Table

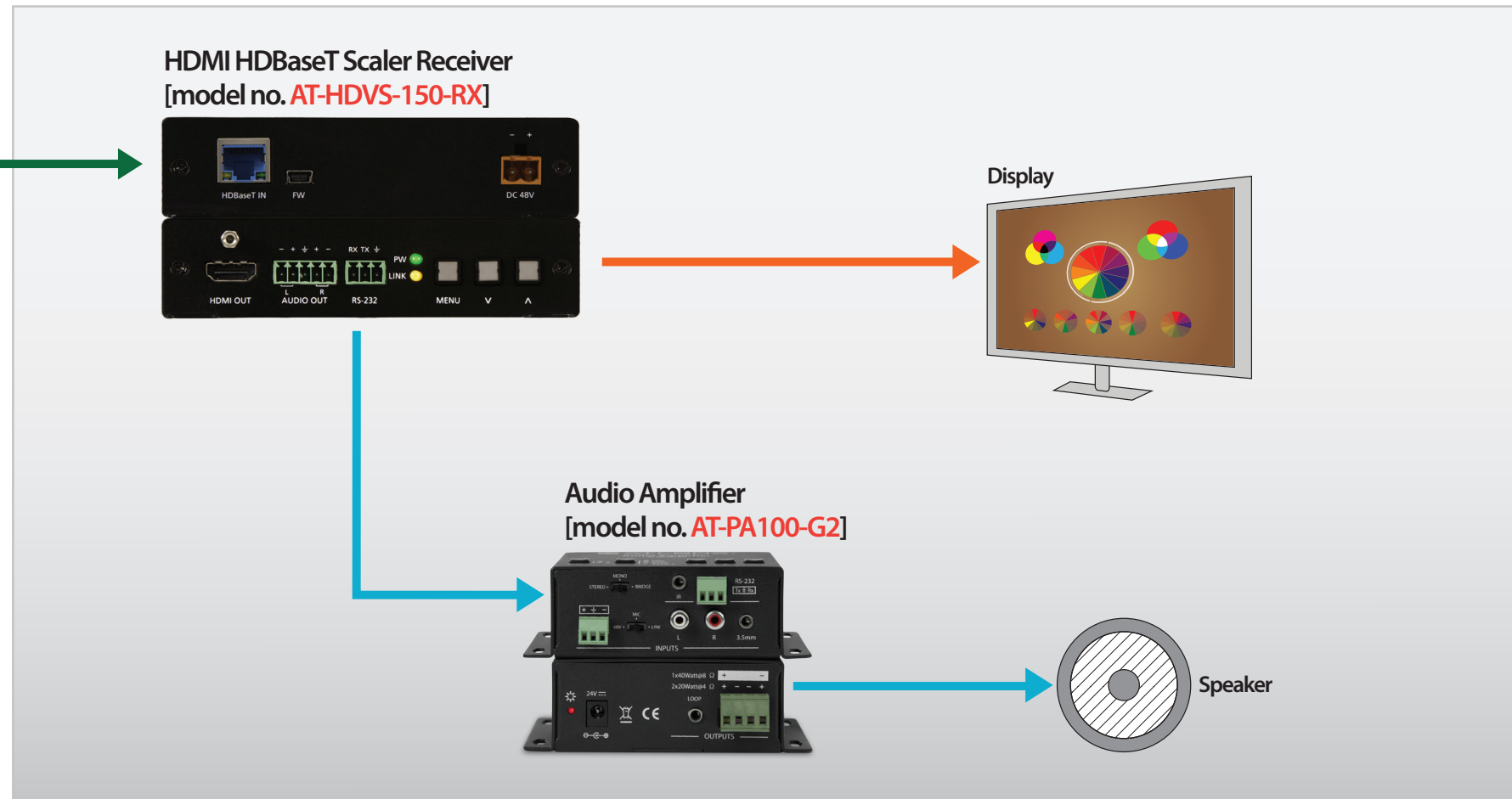


or

### Huddle Room Table



### Display Area



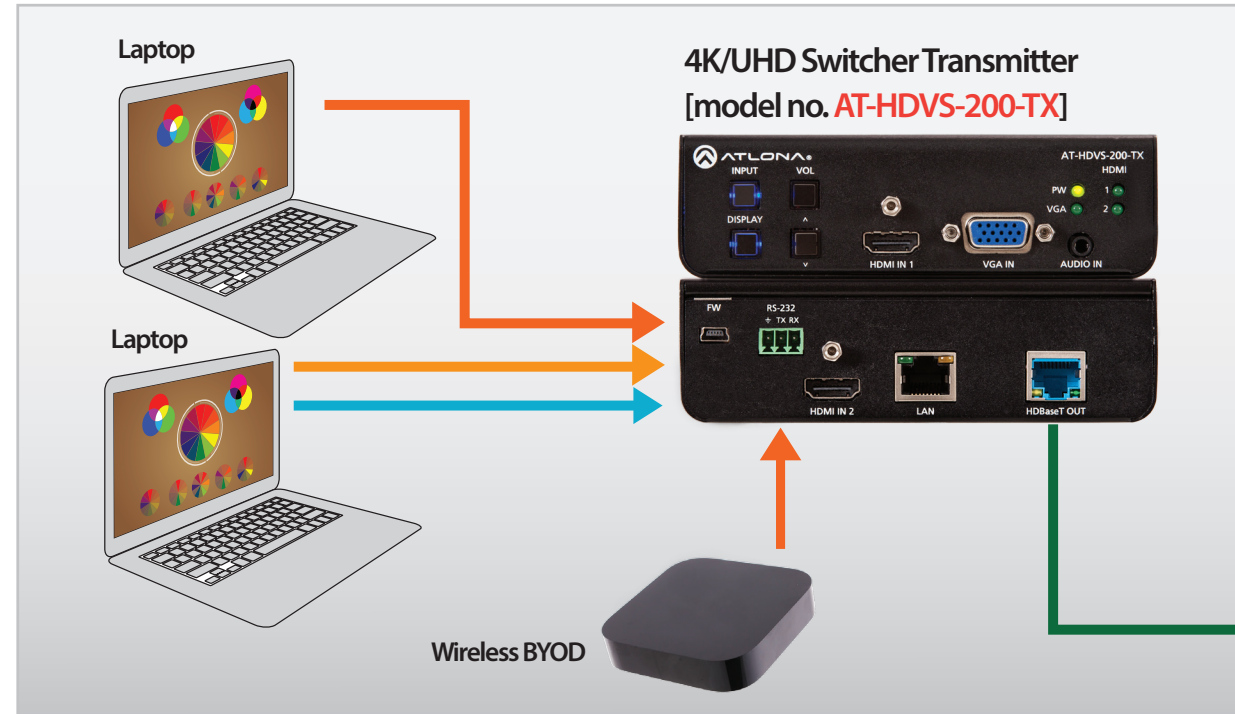
- Analog Video, VGA
- HDMI
- Audio
- HDBaseT
- Control

## Atlona Teleconferencing Solution

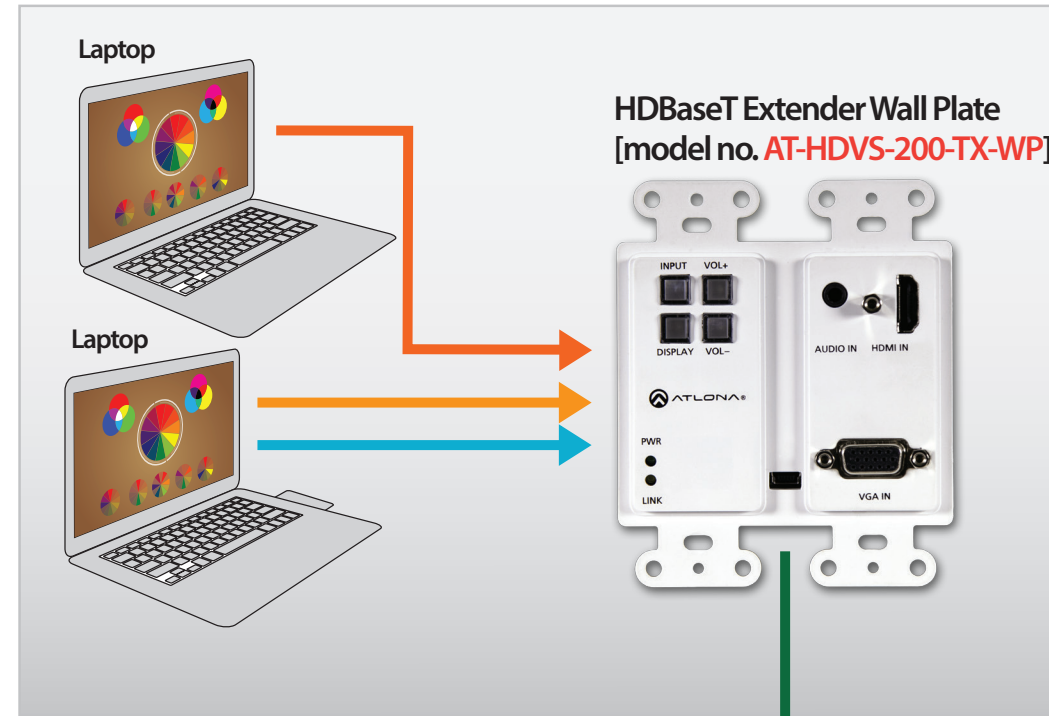
Improve PC-based teleconferences using Skype™ or GoToMeeting™ with the Atlona Soft Codec Conferencing System. HDMI switching and extension coupled with USB inputs for microphones and webcams help your AV systems make a better impression.



### Huddle Room Table

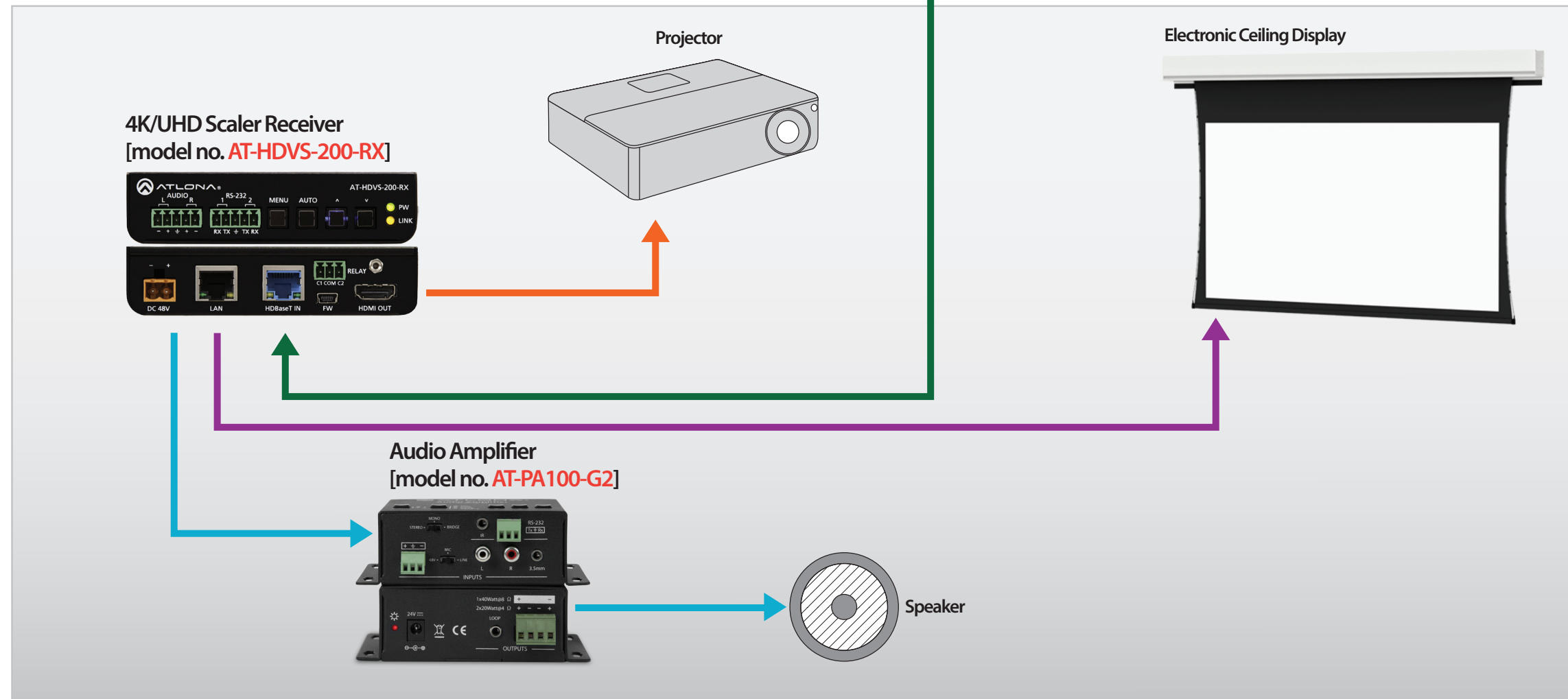


### Huddle Room Table



or

### Display Area



### Electronic Ceiling Display

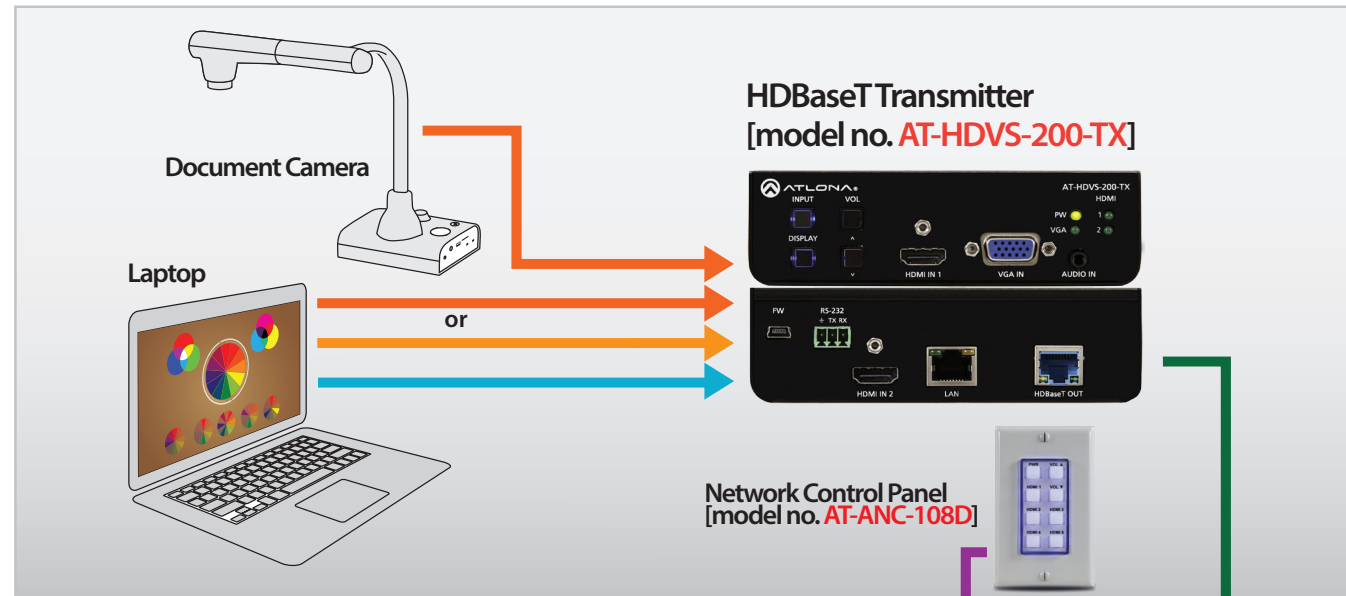


- Analog Video, VGA
- HDMI
- Audio
- HDBaseT
- Control

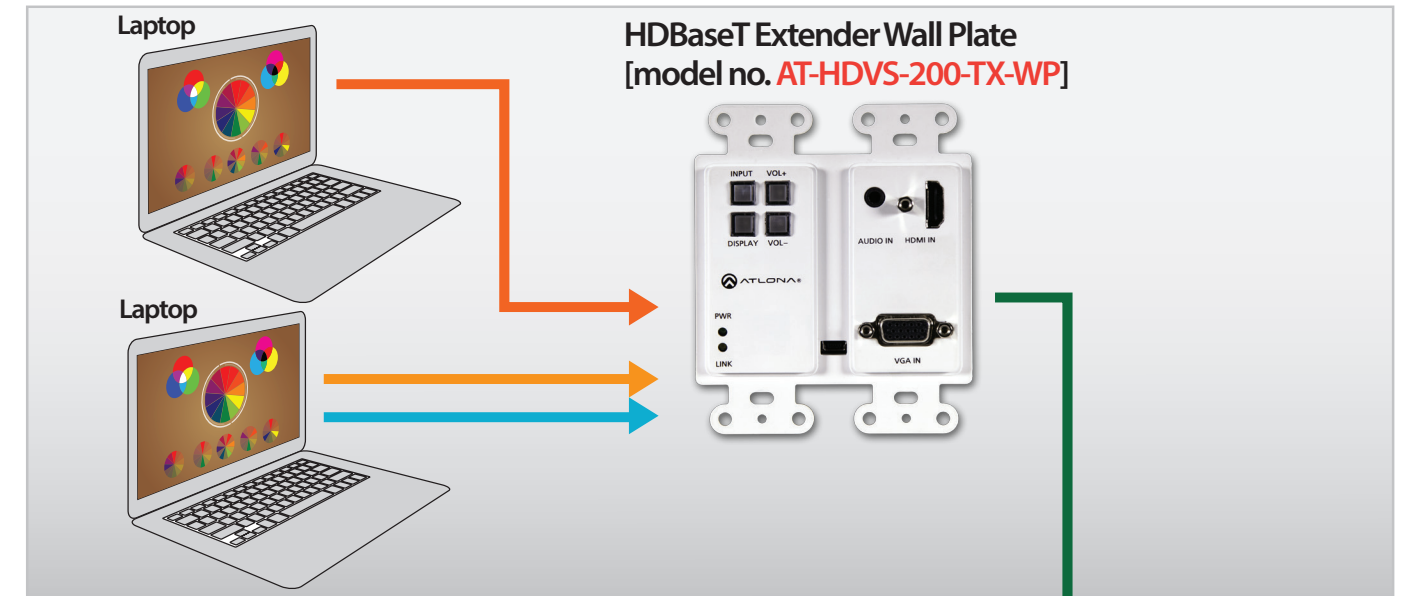
## Atlona Small Conference Room Solution

HDVS transmitters and the SW-5000ED 5-input switcher with HDBaseT make a powerful conference room solution for remote inputs and extended-distance outputs. AASC and the Atlona Management System simply system set up and operation.

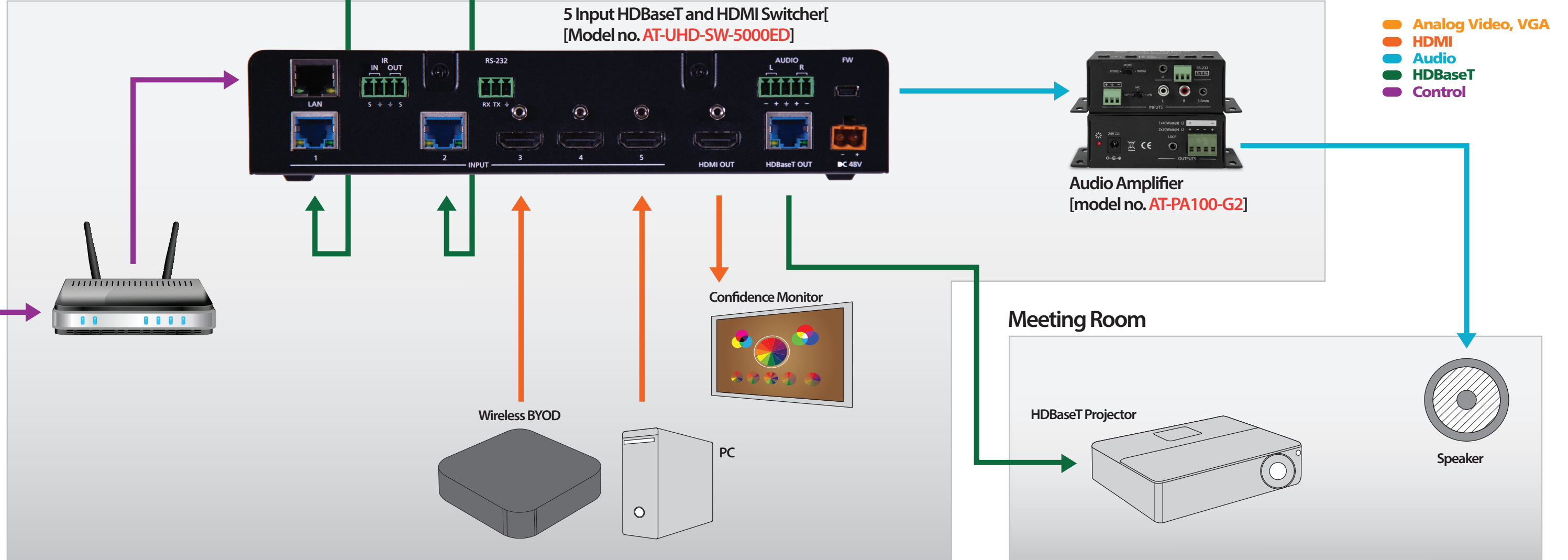
Lectern



Conference Table



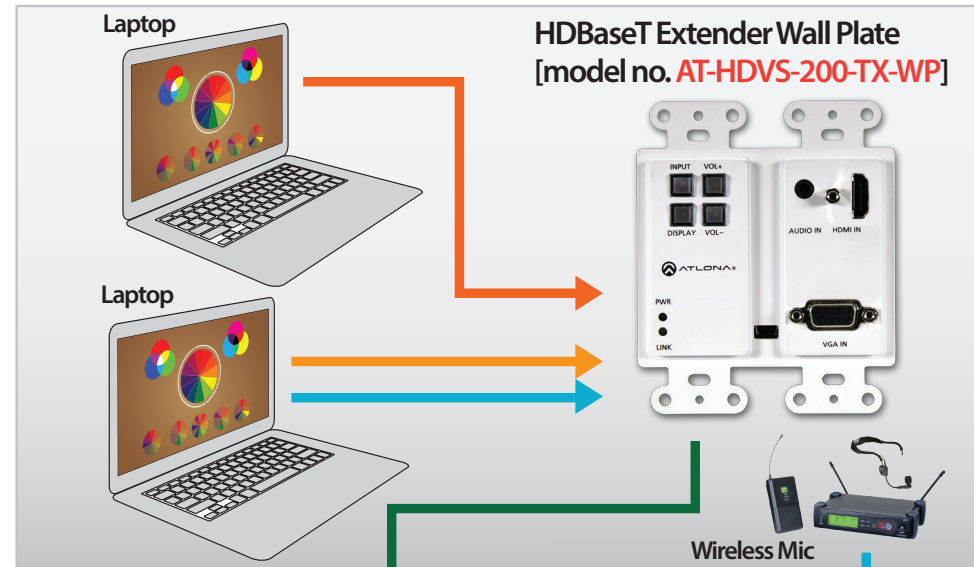
Equipment Rack



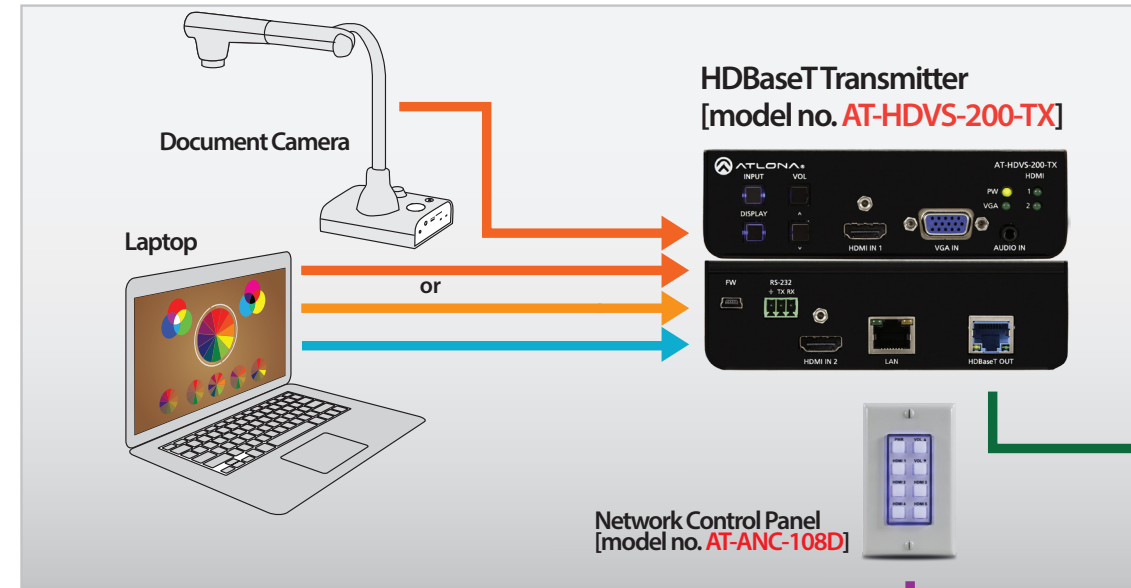
## Atlona Conference Room Solution

The AT-UHD-CLSO-612ED multi-format switcher is perfect when used with HDVS transmitters in conference rooms with multiple digital and analog sources in multiple locations.

Conference Table

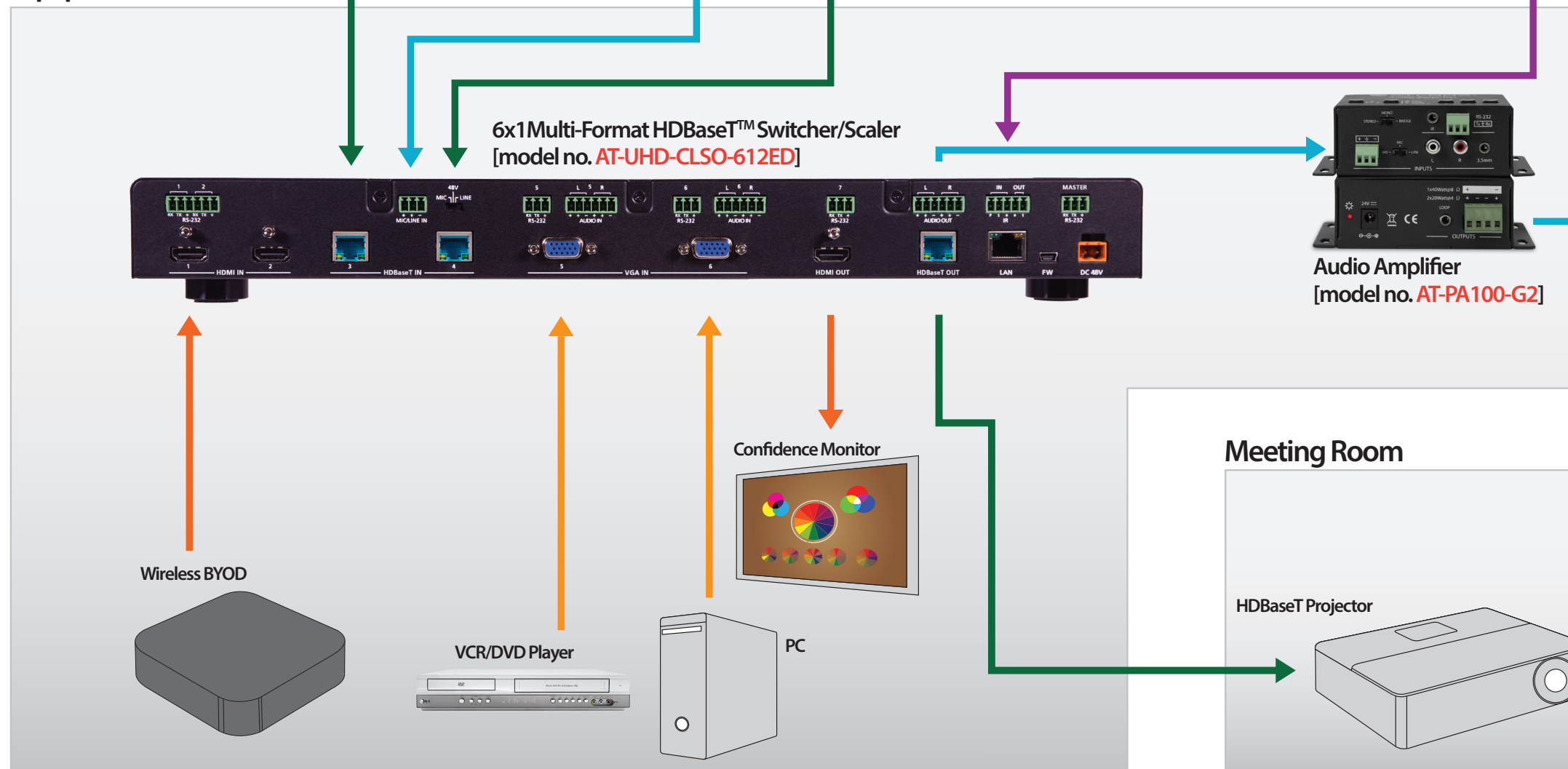


Lectern

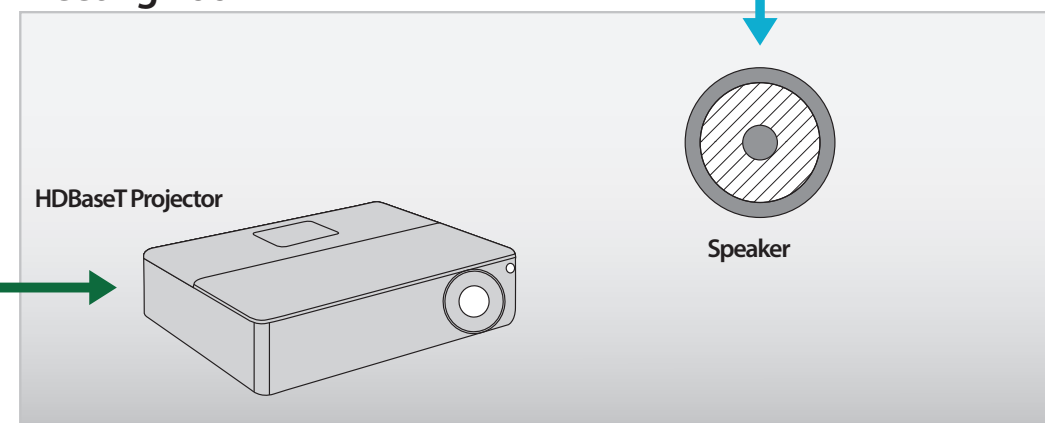


- Analog Video, VGA
- HDMI
- Audio
- HDBaseT
- Control

Equipment Rack

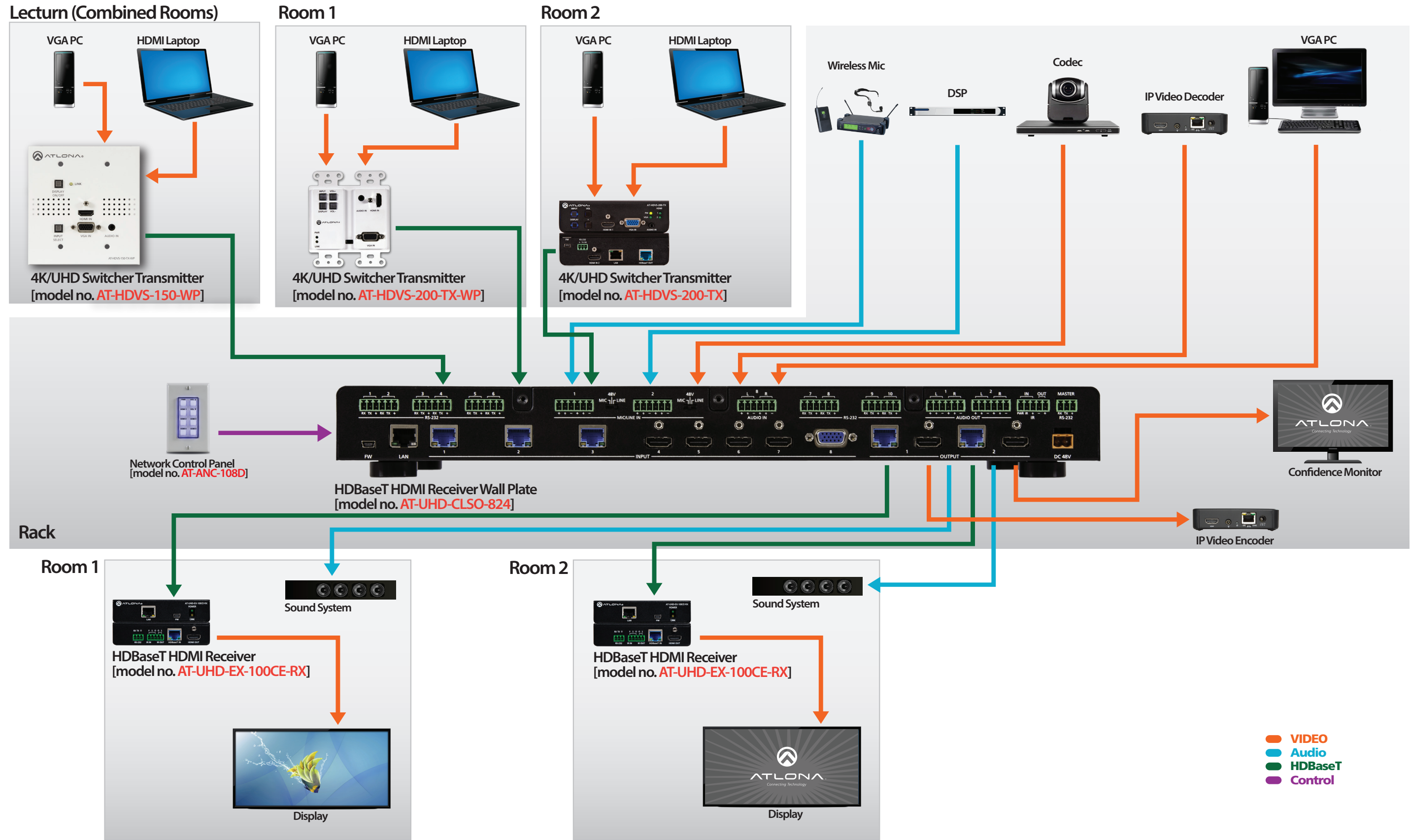


Meeting Room



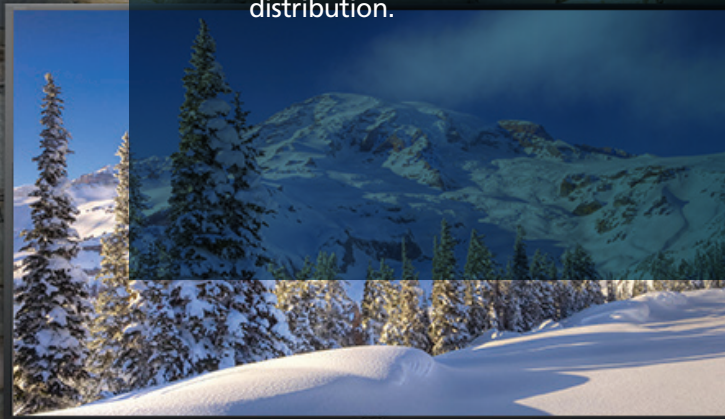
## Atlona Divisible Room Solution

The AT-UHD-CLSO-824 is the centerpiece of complex AV systems. An 8x2 presentation matrix with flexible configuration capabilities allow for support of up to four, 4K/UHD displays.



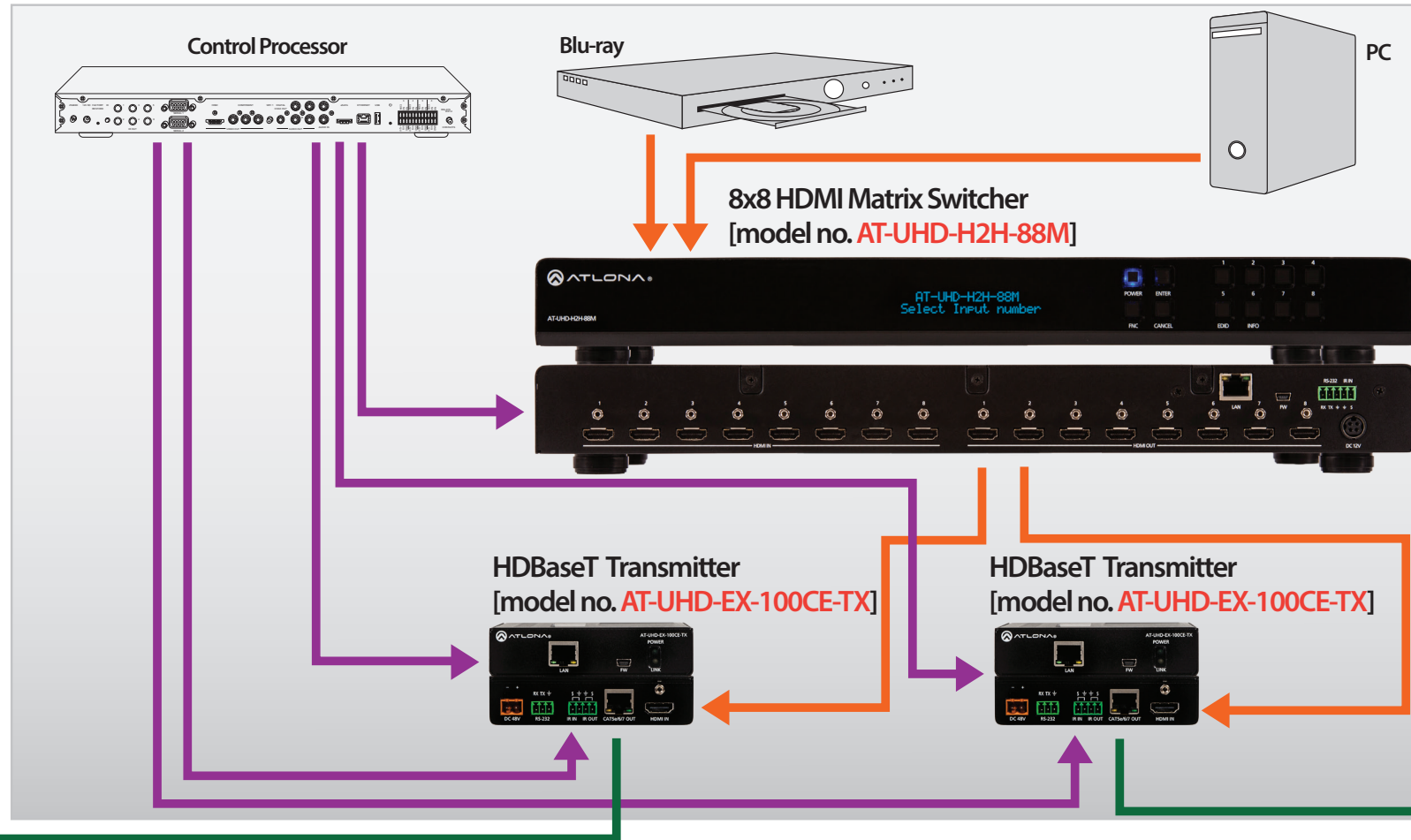
## Atlona Whole Home Solution

Simplify your AV system designs by sharing AV sources throughout the home using the UHD PRO3 Series matrix switcher Series. Includes built-in extension technology for 4K/UHD signal distribution.

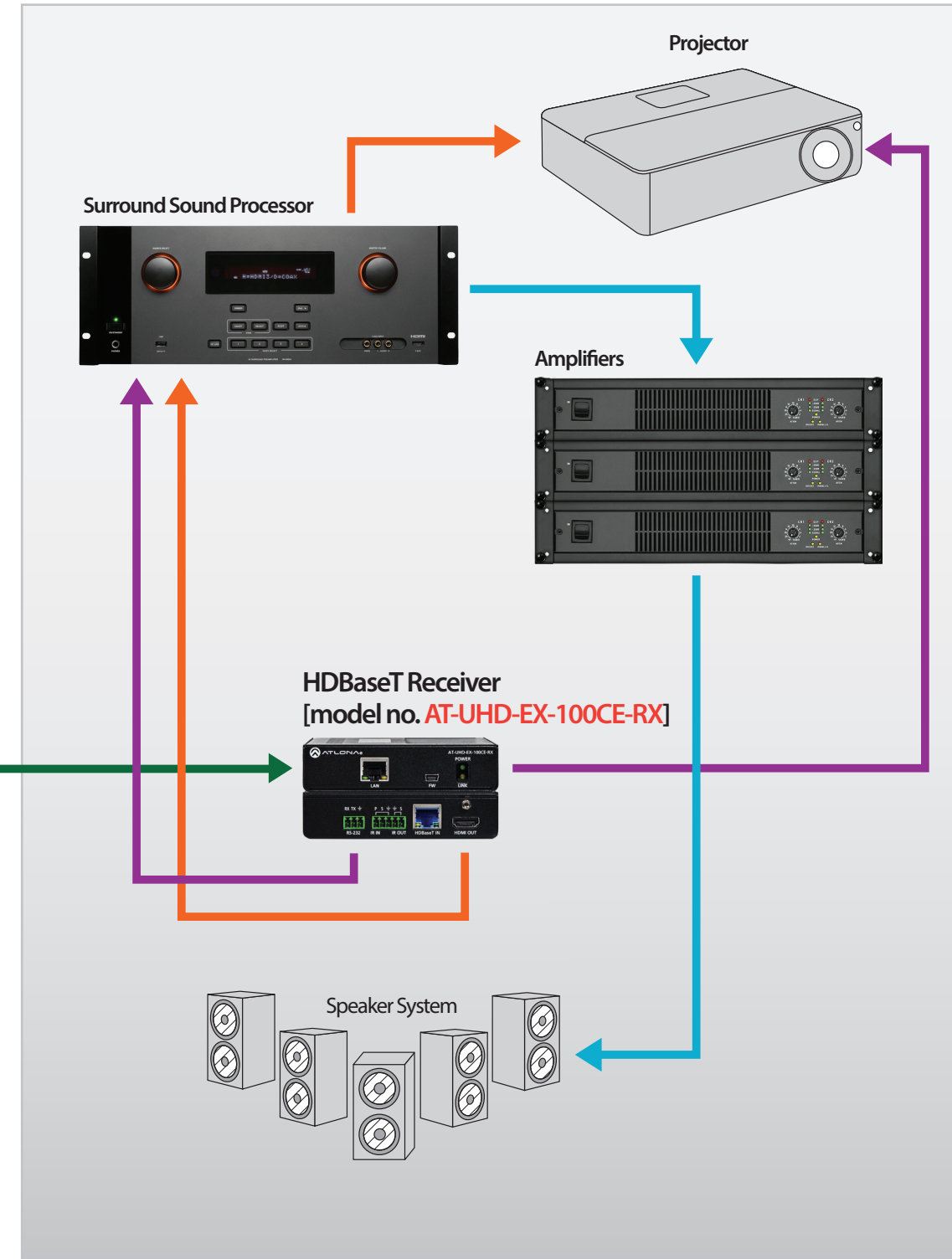




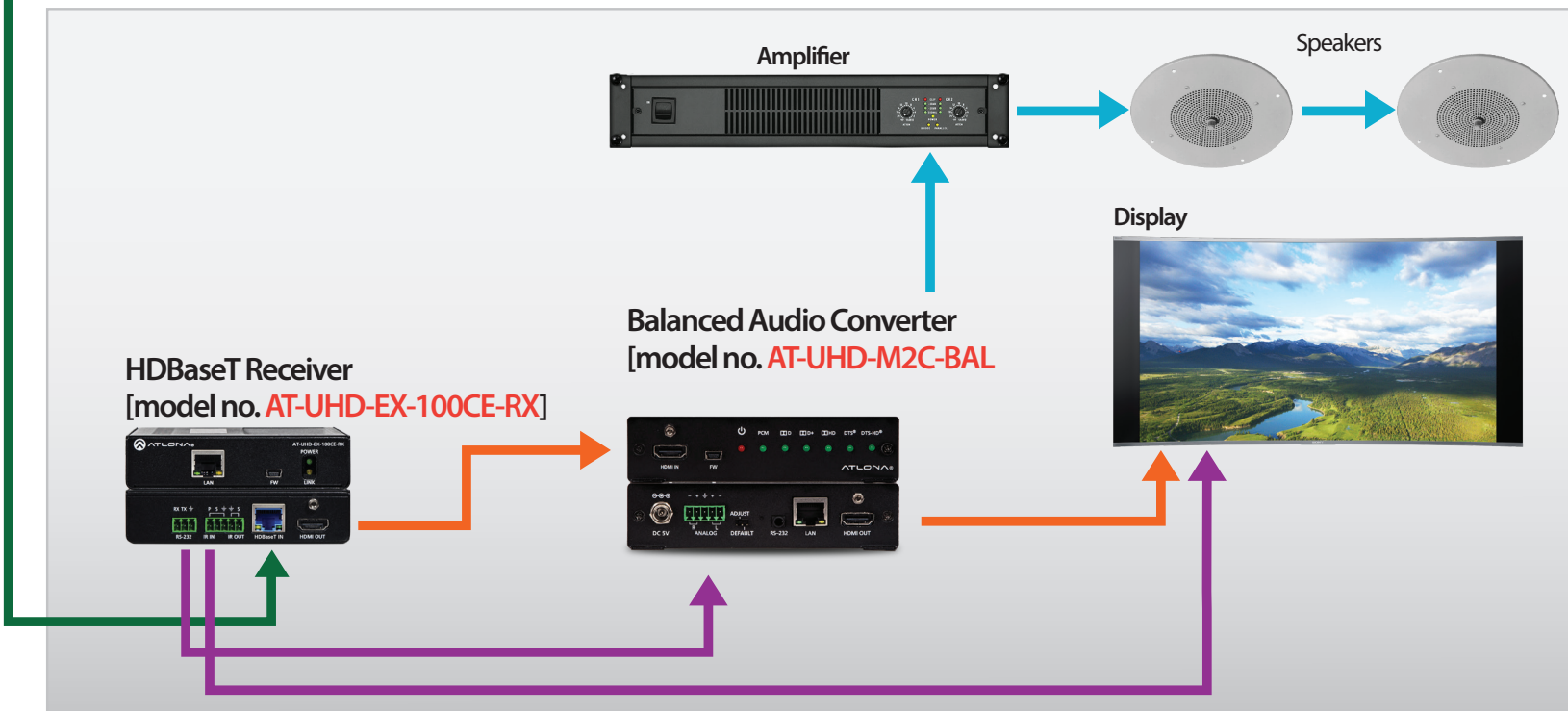
### Equipment Rack



### Auditorium with 5.1 Channel Audio



### Breakout Room with Mono Audio

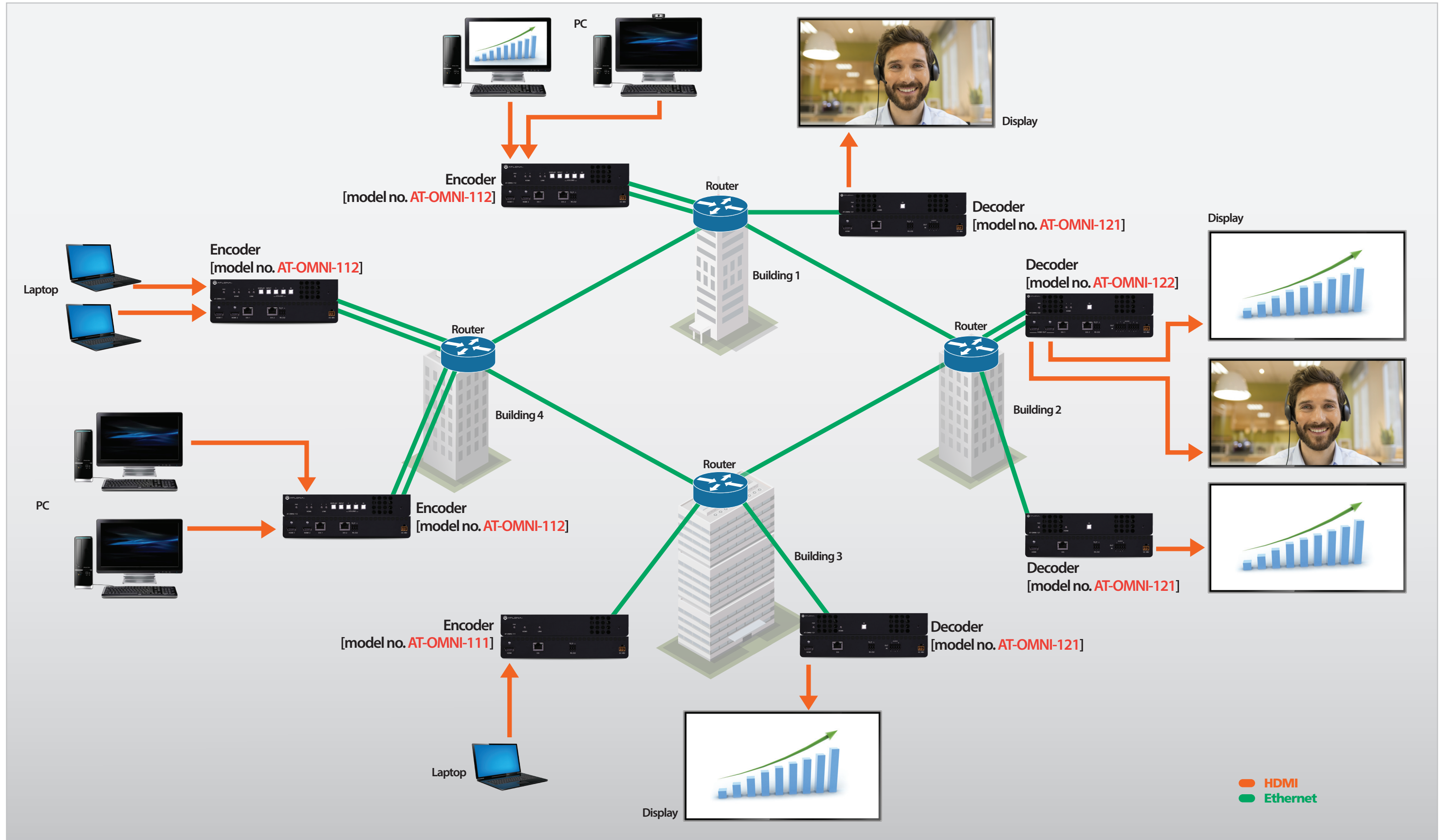


- Analog Video, VGA
- HDMI
- Audio
- HDBaseT
- Control



## Enterprise

OmniStream offers an ideal signal distribution solution to address enterprise AV and control signal distribution over Gigabit Ethernet.



— HDMI  
— Ethernet

# AMS™





## Atlona Management System

The Atlona Management System (AMS) is a powerful software resource for select Atlona IP-controllable products in commercial, educational, government and residential environments. It integrates product configuration, management, and updates to reduce installation time and enable remote support. Comprehensive features include: automatic search and detection of Atlona products; device configuration in single or multiple sites; configuration backup, automatic or user-triggered firmware upgrades, and an intuitive graphical user interface.

The AMS is based on a distributed architecture where multiple installed AV devices can be managed from a single server. Using the simple, web browser-based user interface, the operator can drill-down from a high-level network view to an individual device. The operator can choose to manage systems either locally (LAN) or from a remote location (WAN).

### Atlona Advantages

**NETWORK MANAGEMENT AND CONFIGURATION OF ATLONA IP-CONTROLLABLE PRODUCTS** Hierarchical AV system mapping with System, Site, and Equipment levels. Provides full management, configuration and firmware update capabilities.

**WEB-BASED GRAPHIC USER INTERFACE** Provides easy-to-use and user-friendly graphical illustration of connections between other AV devices and Atlona equipment.

**DISTRIBUTED MANAGEMENT ARCHITECTURE** Provides management capabilities for multisystem and multi-site network systems. Allows operator to drill down from high-level network view to the individual device.

**FIRMWARE DOWNLOAD MANAGEMENT** Enables operators to download system-level embedded firmware and to upgrade Atlona devices from a centralized location.

**AUTOMATIC FIRMWARE UPGRADE** Provides ability to automate firmware upgrades including multiple devices simultaneously. Provides firmware update pass/fail report.

**REMOTE CONFIGURATION MANAGEMENT** Performs full configuration backup with ability to map configuration to device MAC address, enables configuration push when replacing units, and offers configuration cloning of similar products.

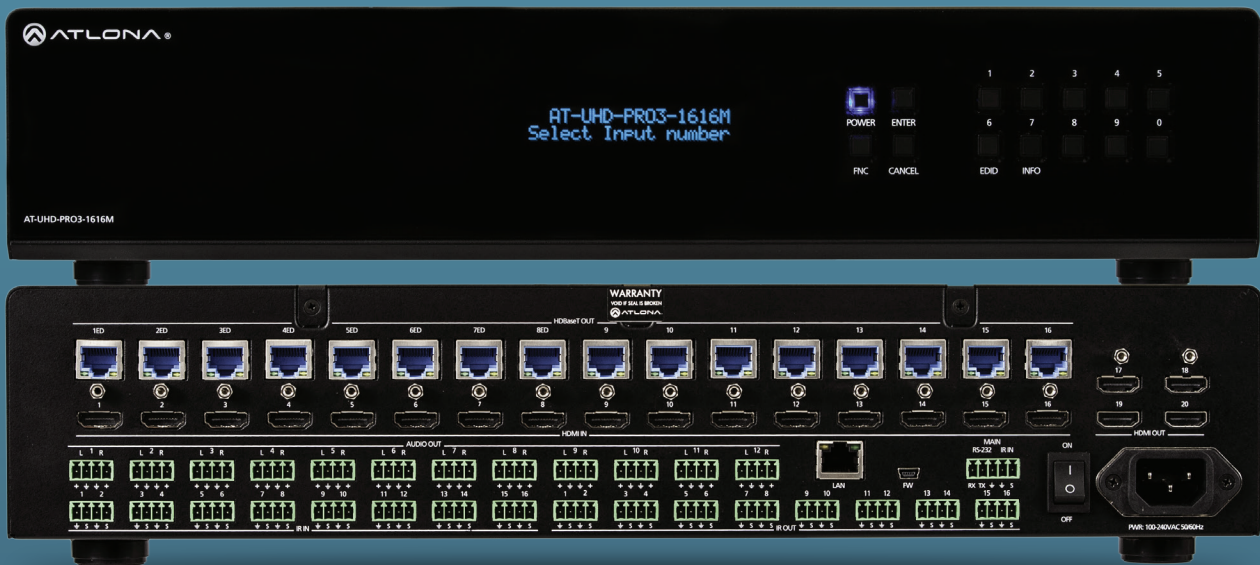
**AUTOMATIC ATLONA DEVICE DETECTION** Ability to detect installed Atlona devices with product, model, and IP address information.

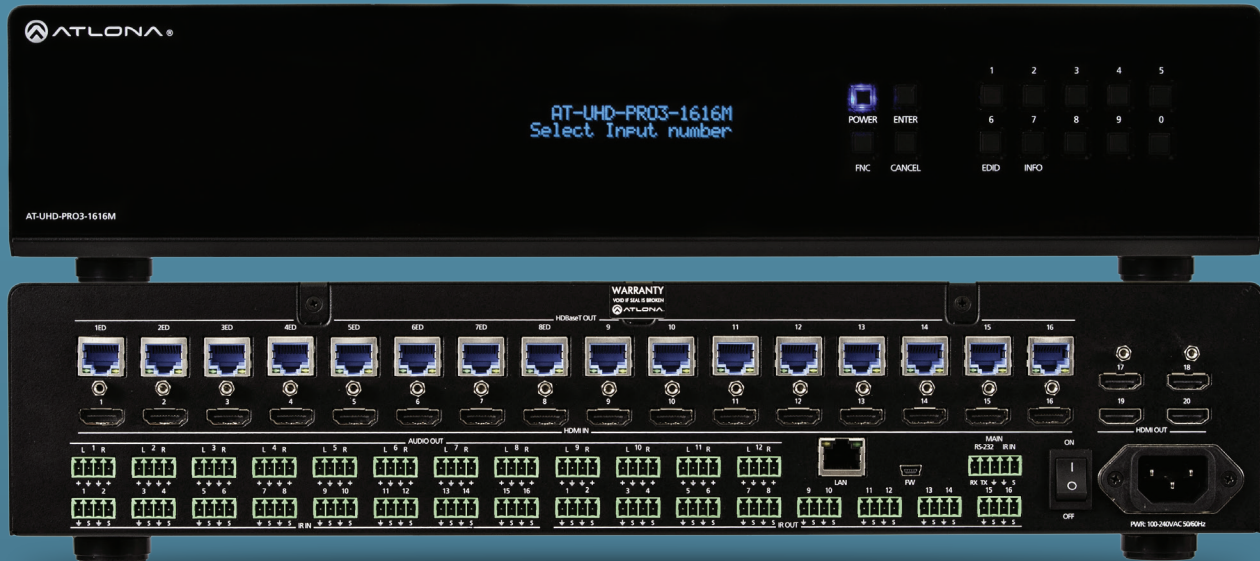
### Product Support Schedule

Product	CURRENT	FUTURE
AT-ANC-108D	✓	
AT-HD-SC-500	✓	
AT-OMNI-111	✓	
AT-OMNI-112	✓	
AT-OMNI-121	✓	
AT-OMNI-122	✓	
AT-OMNI-232	✓	
AT-UHD-CAT-4		✓
AT-UHD-CAT-4ED		✓
AT-UHD-CAT-8		✓
AT-UHD-SW-5000ED		✓
AT-UHD-SW-51		✓
AT-UHD-SW-52	✓	
AT-UHD-SW-52ED	✓	
AT-UHD-CLSO-612ED	✓	
AT-UHD-CLSO-612	✓	
AT-UHD-M2C-BAL		✓
AT-UHD-CLSO-601	✓	
AT-UHD-CLSO-824	✓	
AT-HDVS-200-RX	✓	
AT-HDVS-200-TX	✓	
AT-HDVS-200-TX-WP		✓
AT-UHD-HDVS-300-KIT	✓	
AT-UHD-H2H-44M		✓
AT-UHD-H2H-88M		✓
AT-UHD-PRO3-44M	✓	
AT-UHD-PRO3-66M	✓	
AT-UHD-PRO3-88M	✓	
AT-UHD-PRO3-1616M		✓

# Switchers

Atlona switching solutions simplify system design and installation, and reduce the complexity of integrating and distributing digital video and audio, media, control, and data.





## Atлона UHD-PRO3 Matrix Switcher Series

The Atлона UHD-PRO3 Series features HDMI matrix switching that harnesses the powerful capabilities of long-and extended-distance HDBaseT™ technology. The UHD-PRO3 series is compatible with 4K/UHD @ 60Hz video signals and is HDCP 2.2 compliant to meet today's and tomorrow's content management protection schemes. Designed to work with the Atлона AT-UHD-EX-70C-RX and AT-UHD-EX-100C-RX HDBaseT receivers, the UHD-PRO3 Series provides remote powering using industry standard Power over Ethernet.



# Atlona UHD-PRO3 Matrix Switcher Series

The Atlona UHD-PRO3 Series provides flexible HDBaseT routing with a combination of both long distance, 230 foot (70 meter) transmission and extended distance, 328 foot (100 meter) transmission capabilities with bidirectional extension of both RS-232 and IR Control. Two additional HDMI outputs are provided as mirrored outputs designed for routing HDMI-based audio to an AVR or as additional matrix outputs. The matrix is control system-friendly and integrates with any TCP/IP, RS-232, or IR based control signals.

## Atlona Advantages

**HDBASET OUTPUTS FOR EXTENSION OF A/V, CONTROL AND POWER SIGNALS OVER A SINGLE CATEGORY CABLE** Ensures distance and value requirements are addressed to meet the needs of the installation and budget

**TWO HDMI OUTPUTS WITH INDEPENDENTLY SELECTABLE MIRROR AND MATRIX MODES** Provides output flexibility to facilitate a variety of output needs and destinations

**4K/UHD CAPABILITY WITH HDCP 2.2 COPY PROTECTION** Full support of 4K/UHD streaming services and playback devices

**POWER OVER ETHERNET FOR REMOTE-POWERED RECEIVERS** No local AC outlet required; saves time and integration costs

**AUDIO DE-EMBEDDING** Provides audio signal routing to sound system

**TCP/IP, RS-232, AND IR, CONTROL** Reduces integration time and costs

4K/UHD Dual-Distance 16 x 16 HDMI to HDBaseT Matrix Switcher with PoE  
[model no. [AT-UHD-PRO3-1616M](#)]

4K/UHD Dual-Distance 8 x 8 HDMI to HDBaseT Matrix Switcher with PoE  
[model no. [AT-UHD-PRO3-88M](#)]

4K/UHD Dual-Distance 6 x 6 HDMI to HDBaseT Matrix Switcher with PoE  
[model no. [AT-UHD-PRO3-66M](#)]

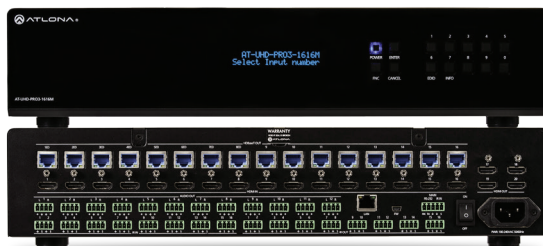
4K/UHD Dual-Distance 4 x 4 HDMI to HDBaseT Matrix Switcher with PoE  
[model no. [AT-UHD-PRO3-44M](#)]

## Receiver Products

4K/UHD HDMI Over 100M HDBaseT Receiver with Ethernet, Control and PoE  
[model no. [AT-UHD-EX-100CE-RX](#)]

4K/UHD HDMI Over HDBaseT Receiver with Control and PoE  
[model no. [AT-UHD-EX-70C-RX](#)]

## UHD-PRO3 Matrix Switcher Product Options



[model no. [AT-UHD-PRO3-1616M](#)]

AMS READY



[model no. [AT-UHD-PRO3-88M](#)]

Works with  
AMS



[model no. [AT-UHD-PRO3-66M](#)]

Works with  
AMS



[model no. [AT-UHD-PRO3-44M](#)]

Works with  
AMS



## Atlona CLSO (Classroom, Small Office) Switcher Series

The Atlona CLSO Series of switchers and matrix switchers address an array of AV switching, routing, and processing needs from classrooms with HDMI and legacy sources with long distance display runs to complex divisible spaces with different zones and separate display signals to the displays.

# 4K/UHD, 8x2 Multi-Format Matrix Switcher with Dual, HDBaseT™ and Mirrored HDMI Outputs

Designed to be the centerpiece of complex AV systems, the Atлона AT-UHD-CLSO-824 is an 8x2, 4K/UHD matrix switcher with multi-format signal-handling, Ethernet-enabled 100M HDBaseT™ extension, and advanced audio capabilities. It supports presentation space environments by providing three HDBaseT™ inputs, four HDMI inputs, one VGA analog video input and two HDBaseT outputs, each with a mirrored HDMI output. Ethernet-enabled, 328 ft. (100 m) HDBaseT signal extension routes control signals to the end-points along with PoE for remote extender device powering. The AT-UHD-CLSO-824 is designed for conference rooms, classrooms and other dual display spaces or a single display room with teleconference codec.

## Atлона Advantages

**8x2 MATRIX SWITCHER WITH HDBaseT and HDMI OUTPUTS** Eight different sources may be switched to either of two outputs with mirrored HDBaseT/HDMI signals

**THREE ETHERNET-ENABLED HDBaseT INPUTS** Simplifies integration of remote sources by eliminating power supplies when used with PoE-powered transmitters; single category cable carries AV signals, control and power

**FOUR HDMI INPUTS** Ideal for sources located at the equipment rack. One multi-function analog input on 15-pin HD connector

**TWO ETHERNET-ENABLED, HDBaseT OUTPUTS** Extends control signals from third party control processors via HDBaseT along with 4K/UHD video, and audio through a single with cable 328 ft. (100 m) performance

**AUDIO OUTPUT MATRIX MIXER** Eliminates the need for complex external audio routing systems

## Related Products

Three-Input, HDBaseT Switcher with HDMI and VGA Inputs [model no. [AT-HDVS-150-TX](#)]

Two-Input, HDBaseT Wall Plate Switcher with HDMI and VGA Inputs [model no. [AT-HDVS-150-TX-WP](#)]

4K/UHD, Ethernet-enabled, Three-Input, HDBaseT Switcher with HDMI and VGA Inputs [model no. [AT-HDVS-200-TX](#)]

4K/UHD HDMI Over 100M HDBaseT Receiver with Ethernet, Control and PoE [model no. [AT-UHD-100CE-RX](#)]

Note: The AT-UHD-CLSO-824 is not compatible with Atлона PoCc-Power over Category cable



[model no. AT-UHD-CLSO-824]

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## 4K/UHD 6 Input Multi-Format Switcher with Mirrored HDMI and HDBaseT™ Outputs and Automatic Display Control

### AT-UHD-CLSO-612ED

The Atlona AT-UHD-CLSO-612ED is an advanced six-input, multi-format switcher with 4K scaling, Ethernet-enabled HDBaseT™ and PoE capabilities. It simplifies classroom and small office system integration by providing two HDBaseT inputs, two HDMI inputs, two multi-function analog inputs, plus mirrored HDBaseT and HDMI outputs. Advanced Automatic System Control (AASC) features on the switcher provide automatic display control and automatic input selection. Ethernet pass through on the switcher enables control signal pass-through and Internet distribution

### Atlona Advantages

**HDBaseT INPUTS** Work with HDVS-TX box/wall plate for HDMI and VGA sources at lecterns, conference tables, and teacher's desks.

**DUAL HDBaseT AND HDMI OUTPUT** Connect to an HDBaseT display (or use an AT-HDRX-RSNET receiver) up to 230 feet (70m) away and an HDMI display.

**BUILT IN 4K SCALER** Up scales to 4K! Down-scaling allows 4K sources to be displayed at 1080p or less. Preferred input resolution can be easily set for best results.

**AUTOMATIC DISPLAY CONTROL** Automatic display control option makes control simple. Setup from our IP GUI shortens setup time. RS-232 signal-routing to inputs and outputs and translation from IP to RS-232. Use CEC, TCP/IP or RS-232. Drivers available for most control systems.

**AUTOMATIC INPUT SELECTION** Reduces complexity or eliminates control system completely.

**MULTI-FUNCTION ANALOG INPUTS** VGA connectors are used for any analog video source including VGA, RGBHV, component, S-, and composite video. Microphone Input: Works with dynamic or phantom powered mics, or with line level inputs from wireless receivers.

**AUDIO** Balanced, analog audio in/out at +4 dBu, on captive screw connectors. "Sub" volume controls allow matched volume levels from any source.

**HDCP MANAGEMENT** The HDVS intelligently protects HDCP encoded content. When connected to a teleconference system, user created content is properly passed. This function may be controlled by RS-232 and IP commands.

### Related Products

Atlona HDMI (2) and VGA/Audio HDBaseT Extender Switcher w/Display Control  
[model no. [ATHDVS-TX](#)]

Atlona HDMI + VGA/Audio HDBaseT Extender Wall Plate w/Display Control  
[model no. [ATHDVS-TX-WP](#)]

Atlona HDMI + VGA/Audio HDBaseT Extender Wall Plate w/Display Control  
[model no. [ATHDVS-TX-WP-UK](#)]



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## 4K/UHD 6 Input Multi-format Switcher with Mirrored HDMI and HDBaseT™ outputs, PoE and Automatic Display Control

### AT-UHD-CLSO-601

The Atlona AT-UHD-CLSO-601 is an advanced six-input, multi-format switcher with built-in 4K scaling and mirrored HDBaseT and HDMI outputs. It simplifies classroom and small office system integration by providing four HDMI and two multifunction analog inputs, to enable the use of both new and legacy sources with HDMI displays. The AT-UHD-CLSO-601 can be the central component of an automated AV system. Automatic display control turns on the display automatically whenever a source is connected. When the source is removed, the display is turned off. Volume is controlled by using the front panel buttons. Automatic input selection on the AT-UHD-CLSO-601 works by sensing the presence of any video signal. With automatic input selection, manual control systems can be eliminated.

### Atlona Advantages

**FOUR HDMI INPUTS** Works with PCs, Blu-ray players, document cameras, teleconference systems, wireless solutions with industry standard digital audio/video outputs.

**TWO MULTI-FUNCTION ANALOG INPUTS ON 15-PIN HD CONNECTORS** Provides input options for legacy analog sources

**MIRRORED, DUAL OUTPUTS ON HDBaseT AND HDMI** Eliminates cost associated with extra extension components; simplifies installation. HDMI output allows additional HDBaseT transmitter for dual long distance applications.

**4K/UHD @ 30 Hz CAPABILITY** Supports high resolution applications such as CAD, desktop publishing, and detailed finance reporting

**BUILT-IN 4K SCALER** Eliminates the need for external scaling components

**AUTOMATIC DISPLAY CONTROL** Enables display and volume control. CEC enables control of low-cost consumer displays.

**AUTOMATIC INPUT SELECTION** Reduces complexity or eliminates control system completely.

**AV, ETHERNET, AND CONTROL OVER HDBaseT** Eliminates multiple cable runs between source, control system router and display

**POWER OVER ETHERNET FOR REMOTE-POWERED HDBaseT RECEIVER** No local AC outlet required saves time and integration costs

**AUTO-SWITCHING** Reduces complexity or eliminates control system completely

### Related Products

Atlona 4K HDMI Emulator/Tester  
[model no. [AT-UHD-SYNC](#)]

4K/UHD HDMI Over 100M HDBaseT TX/RX with Ethernet, Control and PoE  
[model no. [AT-UHD-EX-100CE-KIT](#)]

4K/UHD HDMI Over HDBaseT TX/RX with Control and PoE  
[model no. [AT-UHD-EX-70C-KIT](#)]

4K/UHD HDMI Over 100M HDBaseT Receiver with Ethernet, Control and PoE  
[model no. [AT-UHD-EX-100CE-RX](#)]

Note: The AT-UHD-CLSO-601 is not compatible with Atlona PoCc - Power over Category cable





## Atлона UHD SW-5 Series

The Atлона UHD-SW-5 Series features five-input HDMI switchers with a flexible choice of output configurations including: A single HDMI output; Dual, mirrored HDMI outputs; and HDMI plus HDBaseT™ mirrored outputs. Key features include: Auto-switching; advanced control capability; support for 4K/UHD @ 60 Hz, 4:2:0; 3D pass-through; and 10.2 Gbps bandwidth.

# 4K/UHD 5 Input HDMI Switcher with Two HDBaseT Inputs and Mirrored HDMI/ HDBaseT Outputs

The Atлона AT-UHD-SW-5000ED is a 5 x 1 switcher with two HDBaseT inputs, three HDMI inputs, mirrored HDMI and HDBaseT outputs, balanced audio outputs, automatic input selection, and advanced display control capability. The HDBaseT inputs match perfectly with the HDVS-200-TX modules to enable VGA and HDMI sources to be easily integrated into a system. The switcher supports 4K/UHD @ 60 Hz, 4:2:0; (10.2 Gbps). It transmits AV signals along with Ethernet, power, and control over a single cable to displays up to 328 feet (100 meters) from the switcher. Control options include automatic input selection, front-panel buttons, and compatibility with IR, RS-232, or TCP/IP-based control systems. Displays are automatically turned on and off using CEC, IP, or RS-232.

## Atлона Advantages

**TWO, ETHERNET-ENABLED HDBASET INPUTS** Supports two HDVS-150 or HDVS-200 Series transmitters; single category cable carries AV signals, control and power

**MIRRORED, DUAL OUTPUTS ON HDMI AND HDBASET** Supports dual display environments with local and extended distance 328 foot (100 meter) displays

**ETHERNET-ENABLED HDBASET** Simplifies installation, maintenance with IP controlled switcher

**IR, RS-232 AND ETHERNET HDBASET INSERTION** Adds internally-generated or externally-generated display control signals to the HDBaseT transmission

**EDID MANAGEMENT AND HDCP MANAGEMENT** Manages EDID communications between source and display; Ensures desired audio formats and video resolutions are provided to the AV system

## Related Products

Three-Input Switcher for HDMI and VGA Inputs with HDBaseT Output [model no. [AT-HDVS-150-TX](#)]

Two-Input Wall Plate Switcher for HDMI and VGA Inputs with HDBaseT Output [model no. [AT-HDVS-150-TX-WP](#)]

Three-Input Switcher for HDMI and VGA Sources with Automatic Display Control and Ethernet-Enabled HDBaseT Output [model no. [AT-HDVS-200-TX](#)]



[model no. AT-UHD-SW-5000ED]

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# 4K/UHD 5 Input HDMI Switcher with Mirrored HDMI and HDBaseT Outputs and PoE

The Atlona AT-UHD-SW-52ED is a 5x1 4K/UHD HDMI switcher with HDMI and HDBaseT outputs, balanced analog audio outputs, automatic input selection and automatic display control capability. The switcher supports 4K/UHD @ 60 Hz with 4:2:0 color, offers 3D pass-through, and 10.2 Gbps bandwidth. In addition to an HDMI output, the switcher features a mirrored, Ethernet-enabled HDBaseT output. It transmits AV signals along with Ethernet, power, and control over a single cable to displays up to 328 feet (100 meters) from the switcher to PoE-powered HDBaseT receivers like the Atlona AT-UHD-EX-100CE-RX extender receiver, HDBaseT displays or even another switcher. Control options for the switcher include automatic input selection, front-panel buttons, and compatibility with IR, RS-232, or TCP/IP-based control systems.

## Atlona Advantages

**MIRRORED, DUAL HDMI OUTPUTS** Supports dual display room environments or primary room display and presenter's confidence monitor. Eliminates cost associated with extra distribution amplifier components; simplifies installation

**4K/UHD CAPABILITY** Supports high resolution applications such as CAD, desktop publishing, and detailed finance reporting

**AUTOMATIC DISPLAY CONTROL** Enables display and volume control. CEC enables control of low-cost consumer displays.

**AUTOMATIC INPUT SELECTION** Reduces complexity or eliminates control system completely.

**TCP/IP, RS-232, AND IR CONTROL** Reduces integration time and costs

**EDID MANAGEMENT** Ensures desired audio formats and video resolutions are provided to the AV system; eliminates the need for EDID management device

**HDCP MANAGEMENT** Allows non-protected material from PCs to pass to non-compliant displays and teleconference systems while protected content is not transmitted.

**EASY, GUI-BASED CONFIGURATION USING INTEGRATED WEB SERVER** Allows fast configuration of internal product settings and troubleshooting from a tablet, smart phone, or PC in the field

**RACK MOUNTABLE 1U, HALF RACK WIDTH ENCLOSURE** Simplifies installations; allows two units to be mounted together

## Related Products

4K/UHD HDMI Over 100M HDBaseT Receiver with Ethernet, Control and PoE  
[model no. [AT-UHD-EX-100CE-RX](#)]

4K/UHD HDMI Over 100M HDBaseT TX/RX with Ethernet, Control and PoE  
[model no. [AT-UHD-EX-100CE-KIT](#)]

Atlona HDBaseT to HDMI Extender/Scaler  
[model no. [AT-UHD-EX-200-RX](#)]

Atlona HDBaseT to HDMI Extender/Scaler  
[model no. [AT-UHD-SYNC](#)]



[model no. AT-UHD-SW-52ED]







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## 4K/UHD, 5-Input HDMI Switcher

### AT-UHD-SW-51

The Atlona AT-UHD-SW-51 is a 5x1 HDMI switcher with automatic input selection and automatic display control capability. The switcher supports 4K/UHD @ 60 Hz with 4:2:0 color, offers 3D pass-through, and 10.2 Gbps bandwidth.

### Atlona Advantages

**4K/UHD CAPABILITY** Supports high resolution applications such as CAD, desktop publishing, and detailed finance reporting

**AUTOMATIC DISPLAY CONTROL** Enables display and volume control. CEC enables control of low-cost consumer displays.

**AUTOMATIC INPUT SELECTION** Reduces complexity or eliminates control system completely TCP/IP, RS-232, AND IR CONTROL Reduces integration time and costs

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### Related Products

4K/UHD HDMI Over HDBaseT TX/RX with PoE  
[model no. [AT-UHD-EX-70-KIT](#)]

4K/UHD HDMI Over 100M HDBaseT TX/RX with Ethernet, Control and PoE  
[model no. [AT-UHD-EX-70-2PS](#)]

4K/UHD HDMI Multi-Channel Digital to Two-Channel Balanced Analog Audio Converter  
[model no. [AT-UHD-M2C-BAL](#)]

4K/UHD HDMI Over 100M HDBaseT TX/RX with Ethernet, Control and PoE  
[model no. [AT-UHD-100CE-KIT](#)]



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## 4K/UHD, 5-Input HDMI Switcher with Mirrored HDMI Outputs

### AT-UHD-SW-52

The Atlona AT-UHD-SW-52 is a 5x1 HDMI switcher with dual HDMI outputs, balanced audio outputs, automatic input selection and automatic display control capability. The switcher supports 4K/UHD @ 60 Hz with 4:2:0 color, offers 3D pass-through, and 10.2 Gbps bandwidth.

### Atlona Advantages

**MIRRORED, DUAL HDMI OUTPUTS** Supports dual display room environments or primary room display and presenter's confidence monitor. Eliminates cost associated with extra distribution amplifier components; simplifies installation

**4K/UHD CAPABILITY** Supports high resolution applications such as CAD, desktop publishing, and detailed finance reporting

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### Related Products

4K/UHD HDMI Over HDBaseT TX/RX with PoE  
[model no. [AT-UHD-EX-70-KIT](#)]

4K/UHD HDMI Over 100M HDBaseT TX/RX with Ethernet, Control and PoE  
[model no. [AT-UHD-EX-70-2PS](#)]

4K/UHD HDMI Multi-Channel Digital to Two-Channel Balanced Analog Audio Converter  
[model no. [AT-UHD-M2C-BAL](#)]

4K/UHD HDMI Over 100M HDBaseT TX/RX with Ethernet, Control and PoE  
[model no. [AT-UHD-100CE-KIT](#)]



## Atlona 4K/UHD H2H (HDMI to HDMI) Matrix Switcher Series

The Atlona 4K/UHD-H2H (HDMI to HDMI) matrix switcher series simplifies HDMI multi-room distribution. Features include 4K/UHD capability and HDCP 2.2 content protection plus a GUI-based integrated web server for HDCP/EDID reporting, system configuration, and device status. The matrix is control system-friendly and integrates with any TCP/IP, RS-232, or IR-based control system.

# Atlona 4K/UHD H2H (HDMI to HDMI) Matrix Switcher

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## Atlona Advantages

**MULTI ZONE HDMI MATRIX** Each source can be simultaneously distributed to all zones

**4K/UHD @ 60Hz CAPABILITY WITH HDCP 2.2 COPY PROTECTION** Compatible with ultra-high definition PCs and other sources and displays and adheres to latest content protection specification

**INTEGRATED WEB SERVER WITH WEB GUI** Provides HDCP/EDID reporting, system configuration, and device status plus I/O routing from tablets, smart phones or PCs

**TCP/IP, RS-232, AND IR, CONTROL** Flexible control options compatible with any 3rd-party control system

## 4K/UHD Matrix Switcher Options

Atlona 8x8 HDMI to HDMI Matrix Switcher  
[model no. [AT-UHD-H2H-88M](#)]

Atlona 4x4 HDMI to HDMI Matrix Switcher  
[model no. [AT-UHD-H2H-44M](#)]



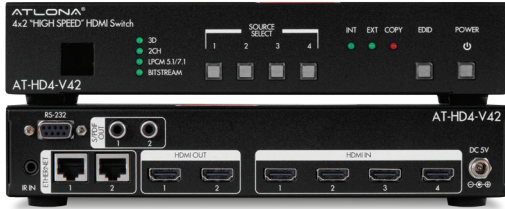
[model no. AT-UHD-H2H-88M]

AMS<sup>TM</sup> READY



[model no. AT-UHD-H2H-44M]

AMS<sup>TM</sup> READY



## Atlona 4 x 2 HDMI Switcher w/Mirrored HDMI Outputs

### AT-HD4-V42

The switcher designed for systems on a budget. Easy to integrate.

### Atlona Advantages

**DUAL OUTPUTS** View source signals on two mirrored monitors

**FLEXIBLE 3D AND 1080P VIDEO PERFORMANCE** Better video experience with 3D compatibility and 1080p video

**ARC** Routes audio from compatible HDMI displays to AV receivers via a S/PDIF cable

**AUDIO DE-EMBED** De-embeds audio from HDMI signals to S/PDIF for integration with external audio amplifiers

**HDMI ETHERNET CHANNEL** Passes Ethernet through HDMI cable to HEC-capable displays

**IR AND RS-232 CONTROL** for easy system integration

**AUTO-SWITCHING** selects last source connected or turned on



## Atlona 4 x 1 HDMI Switcher

### AT-HD4-V41

A switcher designed for systems on a budget, with a single HDMI video output. Easy to integrate.

### Atlona Advantages

**EXCELLENT HD VIDEO** Capable of resolutions up to 1080p to ensure compatibility with most sources

**ARC** Routes audio from compatible HDMI displays to AV receivers via a S/PDIF cable

**AUDIO DE-EMBED** De-embeds audio from HDMI signals to S/PDIF for integration with external audio amplifiers

**HDMI ETHERNET CHANNEL** Passes Ethernet through HDMI cable to HEC-capable displays

**IR AND RS-232 CONTROL** for easy system integration

**AUTO-SWITCHING** selects last source connected or turned on



## Atlona 2 x 1 Signal Sensing Automatic VGA and Stereo Audio Switcher

AT-APC21A

The automatic stereo audio switcher for two VGA inputs plus stereo audio, with smart auto-switch that simplifies operation, plus easy installation via magnetic pad.

### Atlona Advantages

**2 VGA INPUTS** Switches two VGA inputs and audio to one VGA and 3.5 mm audio output

**INTELLIGENT AUTO-SWITCHING** Switches automatically to the last source activated

**WIRED REMOTE** Includes a manual control pendant to switch sources

**EASY INSTALLATION** with a built-in magnetic pad

**SELF-POWERED** Powered through VGA connector (when supported by PC manufacturer); external power supply included if needed



## 8-Button Network Control Panel

AT-ANC 108D

The Atlona AT-ANC-108D is an 8-button network control panel for Atlona IP-based switchers. It is designed for easy configuration using the free Atlona Management System (AMS) software resource. Only one category cable needs to be connected to the AT-ANC-108D ensuring fast, hassle-free installation of control signal and power

### Atlona Advantages

**REMOTE CONTROL PANEL** Provides an additional point of control in a meeting space to simplify system control

**FAST INSTALLATION, SINGLE CABLE INTEGRATION** Speeds installation and reduces labor costs

**AMS CONFIGURABLE** Reduces costs of AV systems by eliminating complex control system programming

**EIGHT, SOFT-TOUCH, BACK-LIT BUTTONS** Easy for end users to operate

**FLEXIBLE POWERING** Simplifies installation based on available power resources

# Distribution Amplifiers

Atlona distribution amplifier solutions are designed and engineered for greater system reliability, compatibility and performance. Distribute a source to multiple displays with the benefit of easier installation and upgrading.



## Atлона UHD-CAT (HDMI to HDBaseT) Distribution Amplifier Series

Atлона's UHD-CAT series offers 4K/UHD distribution with HDCP 2.2 and HDBaseT outputs, choice of four or eight output versions with 70 meter performance plus a four output Ethernet-enabled version. The features also offers automatic display control and eliminated extra boxes and power supplies. The AT-UHD-CAT series integrates with any TCP/IP, RS-232, or IR control system and features a 1U, half-rack width enclosure with external, international power supply.

# 4K/UHD 4-Output HDMI to HDBaseT Extended Distance Distribution Amplifier

The Atлона AT-UHD-CAT-4ED is a 4K/UHD HDMI to HDBaseT™ distribution amplifier featuring pass-through HDMI input connections, four extended distance, Ethernet-enabled HDBaseT outputs and display control capability. Each output transmits AV and control signals up to 328 ft. (100 m). Features include 4K/UHD @ 60 Hz with 4:2:0 color subsampling, HDCP 2.2 compliance, EDID management, and PoE for powering remote receivers. A wide variety of consumer and commercial displays may be controlled by the AT-UHD-CAT-4ED using CEC, IR, RS-232 or IP.

## Atлона Advantages

**BUILT-IN HDBASET TRANSMISSION** Reduces overall system costs, speeds installation and prevents compatibility issues

**FOUR ETHERNET-ENABLED HDBASET OUTPUTS** Additional options for display placement

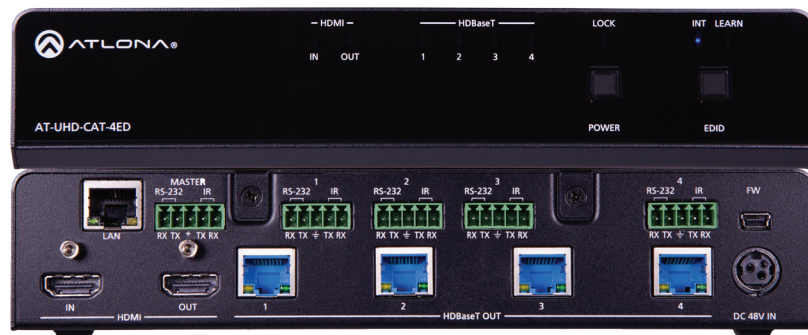
**4K/UHD DISPLAY CAPABILITY** Ensures AV distribution systems are ready for 4K/UHD streaming services and playback devices

**AUTOMATIC DISPLAY CONTROL** Enables display and volume control.

## Receiver Products

4K/UHD HDMI Over 100M HDBaseT Receiver with Ethernet, Control and PoE  
[model no. [AT-UHD-EX-100CE-RX](#)]

4K/UHD HDMI Over HDBaseT Receiver with Control and PoE  
[model no. [AT-UHD-EX-70C-RX](#)]



[model no. AT-UHD-CAT-4ED]

AMS READY



# Atlona 1 x 8 and 1 x 4 HDMI to HDBaseT Distribution Amplifiers

Atlona's AT-UHD-CAT-8 and AT-UHD-CAT-4 distribution amplifiers use HDBaseT to distribute to eight or four displays at distances as far as 230 feet (70 meters). Automatic display control enables control of a wide variety of displays including commercial or low cost consumer displays. Power over Ethernet (PoE) powers remote receivers, eliminating the need for additional AC outlet.

## Atlona Advantages

**HDMI DISTRIBUTION AMPLIFIER WITH BUILT-IN HDBASET TRANSMISSION** for video up to 230 ft (70 m) @ 1080p and 130 ft (40m) @ 4K/UHD  
**POWER OVER ETHERNET FOR REMOTE-POWERED HDBASET RECEIVER** No local AC outlet required saves time and integration costs  
**4K/UHD CAPABILITY WITH HDCP 2.2 COPY PROTECTION** Ensures AV distribution systems are ready for 4K/UHD streaming services and playback devices  
**DISPLAY CONTROL** CEC, IR or RS-232 control signals transmitted over HDBaseT

## Receiver Product

4K/UHD HDMI Over HDBaseT Receiver with Control and PoE  
 [model no. AT-UHD-EX-70C-RX]



[model no. AT-UHD-CAT-8]

AMS<sup>®</sup>READY



[model no. AT-UHD-CAT-4]

AMS<sup>®</sup>READY



## Atlona HDDA HDMI Distribution Amplifier Series

Atlona's HDDA Series is the first distribution amplifier available on the market that supports up to 4K/UHD. Ideal for TV showrooms and digital signage with displays demonstrating cutting edge Ultra HD resolution. Analog and digital audio de-embedding allows input to sound systems in a sports bar or other hospitality or entertainment venue.

# Atlona 1 x 8 HDMI Distribution Amplifiers

This distribution amplifier supports 4K/UHD, advanced-EDID management and audio de-embedding. For added reliability use an Atlona optional redundant power supply.

## Atlona Advantages

PASSES 4K/UHD

LINK STATUS LED for source and outputs

ADVANCED EDID MANAGEMENT Learns reference EDID from first output device connected

SUPPORTS 3D up to 12-bit Deep Color

PASSES DOLBY TRUE HD, DTS-HD MASTER AUDIO

OPTIONAL REDUNDANT POWER SUPPLY for added reliability in critical environments

AUDIO DE-EMBEDDING via 1 x S/PDIF and 1 x balanced audio captive screw

LOCKING HDMI and power connectors

CASCADE UP TO 8 DISTRIBUTION AMPLIFIERS (@ 1080P) for large systems

UPDATE IN THE FIELD via USB port

DUAL PURPOSE WALL MOUNT/RACK brackets

## Related Products

Atlona LinkConnect Captive Screw 2-Channel Cable [model no. [AT-LC-CS-2CH-2M](#)]

Atlona Optional Redundant Power Supply [model no. [AT-PW24V6.25A](#)]



[model no. AT-HDDA-8]

# Atlona 1 x 4 HDMI Distribution Amplifier

The Atlona AT-HDDA-4 is a 1x4 HDMI to HDMI distribution amplifier supporting 4K/UHD signals. 4 zones with advanced EDID management, ideal for displays using cutting-edge Ultra HD resolution.

## Atlona Advantages

PASSES 4K/UHD

LINK STATUS LED for source and outputs

ADVANCED EDID MANAGEMENT Learns reference EDID from first output device connected

CASCADE up to 8 distribution amplifiers (@1080p) for large systems

SUPPORTS 3D up to 48-bit Deep Color

PASSES DOLBY TRUE HD, DTS-HD MASTER AUDIO

LOCKING HDMI and power connectors

UPDATE IN THE FIELD via USB port

DUAL PURPOSE WALL MOUNT/RACK brackets

## Related Products

Atlona HDBaseT Transmitter over a Single Category Cable [model no. AT-HDTX]

Atlona HDBaseT Receiver over a Single Category Cable [model no. AT-HDRX]

4K/UHD HDMI Over HDBaseT TX/RX with PoE [model no. AT-UHD-70-KIT]

4K/UHD HDMI Over 100M HDBaseT TX/RX with Ethernet, Control and PoE [model no. AT-UHD-EX-100CE-KIT]

4K/UHD HDMI Over HDBaseT TX/RX Kit [model no. AT-UHD-EX-70-2PS]

4K/UHD HDMI Over HDBaseT TX/RX with Control and PoE [model no. AT-UHD-EX-70C-KIT]



[model no. AT-HDDA-4]

# Atlona 1 x 2 HDMI Distribution Amplifier

The Atlona AT-HDDA-2 is a 1x2 HDMI to HDMI distribution amplifier supporting 4K/UHD signals. 2 zones, advanced EDID management, and easy installation, integration, and upgrades.

## Atlona Advantages

PASSES 4K/UHD

LINK STATUS LED for source and outputs

ADVANCED EDID MANAGEMENT Learns reference EDID from first output device connected

CASCADE up to 8 distribution amplifiers (@1080p) for large systems

SUPPORTS 3D up to 48-bit Deep Color

PASSES DOLBY TRUE HD, DTS-HD MASTER AUDIO

LOCKING HDMI and power connectors

UPDATE IN THE FIELD via USB port

DUAL PURPOSE WALL MOUNT/RACK brackets

## Related Products

Atlona HDBaseT Transmitter over a Single Category Cable [model no. AT-HDTX]

Atlona HDBaseT Receiver over a Single Category Cable [model no. AT-HDRX]

4K/UHD HDMI Over HDBaseT TX/RX with PoE [model no. AT-UHD-70-KIT]

4K/UHD HDMI Over 100M HDBaseT TX/RX with Ethernet, Control and PoE [model no. AT-UHD-EX-100CE-KIT]

4K/UHD HDMI Over HDBaseT TX/RX Kit [model no. AT-UHD-EX-70-2PS]

4K/UHD HDMI Over HDBaseT TX/RX with Control and PoE [model no. AT-UHD-EX-70C-KIT]



[model no. AT-HDDA-2]

# Extenders

Atlona extender solutions are ideal for use in point to point applications for transmission over greater distances than HDMI can support with 4K/UHD capability, configuration-free set-up, and field-updateable firmware and an affordable price point.



# Atlona HDBaseT™ Extender Series

Our series of HDBaseT extenders offers up to 4K/UHD at longer distances, remote receiver power capability, and options for control, distance, form factor, and connectors, so you can customize an installation with just the right features while reducing costs.

# Atlona 4K/UHD Extender Series

Our HDMI signal extenders for long distance and extended distance transmission feature 4K/UHD capability and HDCP 2.2 copy protection pass-through. The new UHD-EX Series of extenders employ HDBaseT™ technology, with a range of models that feature 70-meter or 100-meter signal extension of video, multi-channel audio, 48-volt Power over Ethernet, and bidirectional Ethernet, IR, and RS-232, all over a single category cable.

## 4K/UHD Remote Powered HDMI Over 100M HDBaseT Transmitter with Ethernet, Control and PoE

AT-UHD-EX-100CE-TX-PD

HDBaseT™ transmitter for HDMI transmission up to 328 feet (100 meters) over category cable with Ethernet pass through and RS-232 control. It transmits video signals up to 4K/UHD @ 60 Hz with 4:2:0 color subsampling, plus embedded multi-channel audio. This device is externally powered via Power over Ethernet.

### Atlona Advantages

**EXTENDED DISTANCE HDMI EXTENSION** Transmits HDMI signals up to 328 ft (100m) @ 1080P and 328 ft (100m) @ 4K/UHD using CAT6a/7 cable

**AV, ETHERNET, POWER, AND CONTROL OVER HDBASET** Eliminates multiple cable runs between source, control system, router, and display

**REMOTE-POWERED TRANSMITTER** Saves time and integration costs

**4K/UHD CAPABILITY** Full support of 4K/UHD streaming services and playback devices

**HDCP 2.2 COMPLIANT** Allows protected content stream to pass between devices

**REAR PANEL I/O CONNECTORS** Saves installation time and eliminates clutter

**LOW-PROFILE, 1 INCH (2.5 CM) HIGH QUARTER RACK-WIDTH ENCLOSURE** Keeps devices out-of-sight when placed in public spaces

## 4K/UHD Power Sourcing HDMI Over 100M HDBaseT Receiver with Ethernet, Control and PoE

AT-UHD-EX-100CE-RX-PSE

4K/UHD HDMI over 100M HDBaseT™ receiver for AV signals up to 328 feet (100 meters) over category cable with Ethernet pass through, RS-232, CEC, and Power over Ethernet. It is compatible with signals up to 4K/UHD @ 60 Hz with 4:2:0 color subsampling, plus embedded multi-channel audio and remote 48V power for the transmitter.

### Atlona Advantages

**EXTENDED DISTANCE HDMI EXTENSION** Receives HDMI signals up to 328 ft (100m) @ 1080P and 328 ft (100m) @ 4K/UHD using CAT6a/7 cable

**AV, ETHERNET, POWER, AND CONTROL OVER HDBASET** Eliminates multiple cable runs between source, control system, router, and display

**POE POWER SOURCING EQUIPMENT (PSE) FOR TRANSMITTER** Saves time and integration costs

**4K/UHD CAPABILITY** Full support of 4K/UHD streaming services and playback devices

**HDCP 2.2 COMPLIANT** Allows protected content stream to pass between devices

**REAR PANEL I/O CONNECTORS** Saves installation time and eliminates clutter

**LOW-PROFILE, 1 INCH (2.5 CM) HIGH QUARTER RACK-WIDTH ENCLOSURE** Keeps devices out-of-sight when placed in public spaces



[model no. AT-UHD-EX-100CE-TX-PD]



[model no. AT-UHD-EX-100CE-RX-PSE]



### 4K/UHD HDMI Over 100M HDBaseT TX/RX with Ethernet, Control and PoE

#### AT-UHD-EX-100CE-KIT

HDBaseT™ transmitter/receiver kit for HDMI transmission up to 328 feet (100 meters) over category cable with Ethernet pass through, RS-232 and IR control, plus Power over Ethernet.

#### Atlona Advantages

**EXTENDED DISTANCE HDMI EXTENSION** Transmits HDMI signals up to 328 ft (100m) @ 1080P and 328 ft (100m) @ 4K/UHD using CAT6a/7 cable

**AV, ETHERNET, POWER, AND CONTROL OVER HDBASET** Eliminates multiple cable runs between source, control system, router, and display

**REMOTE-POWERED RECEIVER** Saves time and integration costs

**4K/UHD CAPABILITY** Full support of 4K/UHD streaming services and playback devices

**HDCP 2.2 COMPLIANT** Allows protected content stream to pass between devices

**REAR PANEL I/O CONNECTORS** Saves installation time and eliminates clutter

**LOW-PROFILE, 1 INCH (2.5 CM) HIGH QUARTER RACK-WIDTH ENCLOSURE** Keeps devices out-of-sight when placed in public spaces

Available as a Kit, TX, or RX

### 4K/UHD HDMI Over 100M HDBaseT TX/RX with Ethernet, Control and PoE, and Return Optical Audio

#### AT-UHD-EX-100CEA-KIT

HDBaseT™ transmitter/receiver kit for HDMI transmission up to 328 feet (100 meters) over category cable with Ethernet pass through, RS-232 and IR control, Power over Ethernet, and optical audio from receiver to transmitter.

#### Atlona Advantages

**RECEIVER TO TRANSMITTER DIGITAL AUDIO PATHWAY** Routes multi-channel audio from TV to AVR on same extender and cable as video from set top box to TV

**AV, ETHERNET, POWER, AND CONTROL OVER HDBASET** Eliminates multiple cable runs between source, control system, router, and display

**REMOTE-POWERED RECEIVER** Saves time and integration costs

**4K/UHD CAPABILITY** Full support of 4K/UHD streaming services and playback devices

**HDCP 2.2 COMPLIANT** Allows protected content stream to pass between devices



[model no. AT-UHD-EX-100CE-KIT]



[model no. AT-UHD-EX-100CEA-KIT]

## 4K/UHD HDMI Over HDBaseT Kit with PoE

### AT-UHD-EX-70-KIT

HDBaseT transmitter/receiver kit for HDMI transmission up to 230 feet (70 meters) over category cable with Power over Ethernet capability.

### Atlona Advantages

**LONG DISTANCE HDMI EXTENSION** Transmits HDMI signals up to 230 ft (70m) @ 1080P and 130 ft (40m) @ 4K/UHD using CAT6a/7 cable

**4K/UHD CAPABILITY** Full support of 4K/UHD streaming services and playback devices

**HDCP 2.2 COMPLIANT** Allows protected content stream to pass between devices

**REAR PANEL I/O CONNECTORS** Saves installation time and eliminates clutter

**LOW-PROFILE, 1 INCH (2.5 CM) HIGH QUARTER RACK-WIDTH ENCLOSURE** Keeps devices out-of-sight when placed in public spaces



[model no. AT-UHD-EX-70-KIT]

## 4K/UHD HDMI Over HDBaseT Kit with Control and PoE

### AT-UHD-EX-70C-KIT

HDBaseT™ transmitter/receiver kit for HDMI transmission up to 230 feet (70 meters) over category cable with RS-232 and IR control plus Power over Ethernet capability

### Atlona Advantages

**LONG DISTANCE HDMI EXTENSION** Transmits HDMI signals up to 230 ft (70m) @ 1080P and 130 ft (40m) @ 4K/UHD using CAT6a/7 cable

**BIDIRECTIONAL EXTENSION OF BOTH RS-232 AND IR CONTROL COMMANDS** Eliminates multiple cable runs between source, control system, and display

**REMOTE-POWERED RECEIVER** Saves time and integration costs

**4K/UHD CAPABILITY** Full support of 4K/UHD streaming services and playback devices

**HDCP 2.2 COMPLIANT** Allows protected content stream to pass between devices

**REAR PANEL I/O CONNECTORS** Saves installation time and eliminates clutter

**LOW-PROFILE, 1 INCH (2.5 CM) HIGH QUARTER RACK-WIDTH ENCLOSURE** Keeps devices out-of-sight when placed in public spaces



[model no. AT-UHD-EX-70C-KIT]

## 4K/UHD HDMI Over HDBaseT Kit

### AT-UHD-EX-70-2PS-KIT

HDBaseT transmitter/receiver kit for HDMI transmission up to 230 feet (70 meters) over category cable using locally-powered endpoints.

### Atlona Advantages

**LONG DISTANCE HDMI EXTENSION** Transmits HDMI signals up to 230 ft (70m) @ 1080P and 130 ft (40m) @ 4K/UHD using CAT6a/7 cable

**4K/UHD CAPABILITY** Full support of 4K/UHD streaming services and playback devices

**HDCP 2.2 COMPLIANT** Allows protected content stream to pass between devices

**REAR PANEL I/O CONNECTORS** Saves installation time and eliminates clutter

**LOW-PROFILE, 1 INCH (2.5 CM) HIGH QUARTER RACK-WIDTH ENCLOSURE** Keeps devices out-of-sight when placed in public spaces



[model no. AT-UHD-EX-70-2PS-KIT]



## Atlona HDVS Switcher/Scaler Series

Atlona's HDVS Switcher/scaler series was designed to smooth the transition from analog to digital displays in schools and businesses. While some systems use HDMI computers, Blu-ray players, or document cameras, there are numerous VGA computers still in use, and this series supports both. Together, these components can lower the cost of a complete, simple system with VGA and HDMI inputs and display control.

web

Visit [atlonac.com](http://atlonac.com) for more complete product information, including our latest catalog, data sheets and specs.

# Atlona HDVS 150 Series

The Atlona HDVS-150 Series are switchers with automatic display control for HDMI and VGA transmission over HDBaseT™. They feature one or two HDMI inputs plus a VGA input with 3.5mm audio connector. Designed as remote input devices for the AT-UHD-CLSO-824 matrix switcher, these combine 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 switchers receive power from the AT-UHD-CLSO-824 using Power over Ethernet.

## Atlona Advantages

**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

**AUTO-SWITCHING SELECTS** active input when sources are connected or if there is a change in source power status

**FRONT PANEL INPUT SELECT BUTTON** Overrides auto-switching when two active sources are present

**AUTO DISPLAY CONTROL** Automatically changes projector power state as sources are connected or removed from inputs

**FRONT PANEL DISPLAY ON/OFF** control Remotely controls display power state; provides alternate 'Display Mute' mode

## HDVS-150 Product Options

Three-Input Switcher for HDMI and VGA Inputs with HDBaseT Output [model no. **AT-HDVS-150-TX**]

HDBaseT to HDMI Scaler Receiver with display control [model no. **AT-HDVS-150-RX**]

Two-Input Wall Plate Switcher for HDMI and VGA Inputs with HDBaseT Output [model no. **AT-HDVS-150-TX-WP**]

Blank Face Plate for HDVS Series Wall Plate Switchers [model no. **AT-HDVS-TX-WP-NB**]



[model no. AT-HDVS-150-TX Switcher]



[model no. AT-HDVS-150-RX Receiver]



[model no. AT-HDVS-150-TX-WP Switcher]



[model no. AT-HDVS-TX-WP-NB Blank Face Plate]  
(Shown installed on AT-HDVS-150-TX)

# Atlona HDVS 200 Series

The HDVS-200 Series is a simple audio visual system with automatic input selection for HDMI and VGA inputs, projector on/off control, analog audio de-embedding, volume control, and a scaler. It is a premium upgrade to the HDVS-150 Series offering functions that enable IP management, and other advanced installation functions including multiple RS-232 ports, a contact closure port for screen control, CEC display control for consumer displays and Ethernet-enabled (100 m) HDBaseT performance. The HDVS-200 Series incorporates many integrator-requested features while still maintaining overall value.

## Atlona Advantages

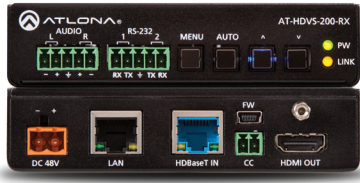
- 3x1 HDBaseT™ SWITCHER** Features two HDMI inputs plus a VGA input with 3.5mm audio connector
- SCALER WITH HDMI OUTPUT AND INPUT RESOLUTION CONTROL** Scales output video signals up to 1080p/60Hz and 1920x1200; Choose preferred input resolution from 800x600 to 1920x1200
- ETHERNET ENABLED, HDBaseT EXTENTION** Receives IP and HDMI signals up to 328 ft (100m) @ 1080p
- ITCP/IP AND RS-232 CONTROL** Reduces integration time and costs
- VOLUME CONTROL** Adjust de-embedded audio or display audio
- CONTACT CLOSURE FOR SCREEN OR DISPLAY LIFT CONTROL** Automates screen or lift activation at system power-up; reduces steps for operators

## HDVS-200 Product Options

- Three-Input Switcher for HDMI and VGA Inputs with Ethernet-Enabled HDBaseT Output [model no. **AT-HDVS-200-TX**]
- Two-Input Wall Plate Switcher for HDMI and VGA Input with Ethernet-enabled HDBaseT output [model no. **AT-HDVS-200-TX-WP**]
- Ethernet-enabled HDBaseT Scaler with HDMI and Analog Audio Outputs [model no. **AT-HDVS-200-RX**]
- Blank Face Plate for HDVS Series Wall Plate Switchers [model no. **AT-HDVS-TX-WP-NB**]



[model no. AT-HDVS-200-TX Switcher]



[model no. AT-HDVS-200-RX Scaler]



[model no. AT-HDVS-200-TX-WP Switcher]



# Atlona HDVS 300 Series

The AT-UHD-HDVS-300-KIT provides AV switching, USB and HDMI extension, plus system control for huddle spaces using PC-based conferencing codecs such as Microsoft Skype®, Cisco WebEx®, and Citrix 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 three 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.

## Atlona Advantages

- INTEGRATES PCs, USB WEBCAMS AND USB MICS** Removes operational barriers for system users; Lowers overall system costs
- FOUR INPUT AV SWITCHER WITH USB HUB AND ETHERNET-ENABLED** Reduces cable counts and floor box connections between source, control system, and display to a single cable
- RECEIVER WITH ADDITIONAL HDMI INPUT, USB HUB, AND PoE** Expands system design flexibility without increasing integration costs
- AUTOMATIC DISPLAY CONTROL** Eliminates need for complex control system AV systems
- EDID MANAGEMENT AND HDCP MANAGEMENT** Ensures desired audio formats and video resolutions are provided to the AV system
- 4K/UHD CAPABILITY** Compatible with Ultra High Definition sources and displays



[model no. AT-UHD-HDVS-300-KIT]



### Atlona DVI Passive Extender over Category Cable

AT-DVI60SRS

The value extender for longer distances via inexpensive category cable.

#### Atlona Advantages

**LONGER DISTANCES** Delivers up to 1920x1200 at 160 ft (50 m) or 180 ft (55 m) at lower resolutions such as 1024x768



### Atlona DVI Passive Extender over Category Cable

AT-DVI15SRS

The value extender for great video at moderate distances via inexpensive category cable.

#### Atlona Advantages

**1080P AT 50 FT (15 M) OR 100 FT (30 M)** at lower resolutions such as 1280x1024

# Atlona Power Over Ethernet Mid-Span Power Supply

The Atlona AT-PS-POE is a 48 VDC power injector designed to send remote power to HDBaseT™ products that operate on IEEE 802.03af Power over Ethernet. When placed within an HDBaseT transmission line, it allows two powered products to work together. The power supply features two power switches to selectively send power up- or down-stream. Both power streams can operate simultaneously. With a bandwidth of 10.2

Gbps, the power supply supports 4K/UHD resolutions, multi-channel audio formats, and offers full 3-D pass-through.

## Atlona Advantages

**POWER SUPPLY FOR REMOTE POWERING** Industry standard powering scheme for HDBaseT products

**MID-SPAN POWER SUPPLY** Saves cost by eliminating duplicate devices

**SUPPORT 4K/UHD SIGNALS** Ideal for ultra-high resolution signals

**SWITCHABLE POWER** Send power only in the required direction

**UPGRADE FOR PoC SYSTEMS** Maintains ROI on legacy systems

## Related Products

Atlona HDMI + VGA/Audio HDBaseT Extender Wall Plate w/ Display Control  
[US model no. [AT-HDVS-TX-WP](#) or UK model no. [AT-HDVS-TX-WP-UK](#)]

Atlona HDMI + VGA/Audio HDBaseT Extender Wall Plate w/Display Control  
[model no. [AT-HDVTX-WP](#)]

Atlona HDBaseT RX HDMI Receiver  
[model no. [AT-HDRX](#)]

Atlona HDBaseT RX HDMI Receiver w/IR  
[model no. [AT-HDRX-IR](#)]

Atlona HDBaseT RX HDMI Receiver w/Ethernet, RS-232, and IR  
[model no. [AT-HDRX-RSNET](#)]



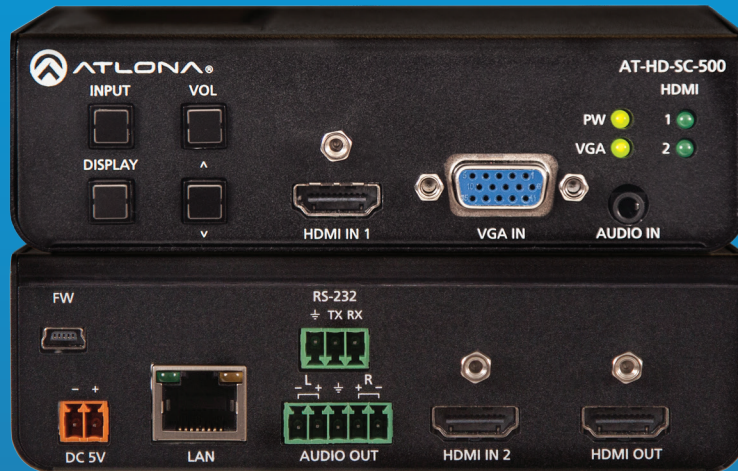
[model no. AT-PS-POE]





# Converters and Scalers

Atlona converters and scalers help overcome the inherent compatibility and performance challenges of integrating and connecting various devices and signal formats; and help deliver the best possible performance from AV systems.



## Conversions Made Simple

With the alphabet soup of connectivity standards, resolutions and digital/analog conversions are not just confusing, they create obstacles in system design. Atlona solutions can simplify interchange between these standards. Our scalars enable seamless interchange between sources and displays with disparate resolutions. Our converters help ease the transition from analog to digital.

# Atlona Three-Input Scaler for HDMI and VGA Signals

The Atlona AT-HD-SC-500 is a scaler with built in 3x1 switcher for HDMI and VGA signals. It features two HDMI inputs and a VGA input with a 3.5mm audio connector. It features automatic display control using CEC, IP, and RS-232 plus auto input selection.

## Atlona Advantages

**3X1 HDMI AND VGA SCALER** Allows HDMI display devices to be used with legacy VGA sources

**SCALER WITH HDMI OUTPUT** Scales output video signals up to 1080p @ 60 Hz and 1920x1200

**INPUT RESOLUTION CONTROL** Choose preferred scaler input resolution from 800x600 to 1920x1200

**AUTOMATIC DISPLAY CONTROL** Eliminates need for complex AV system control

**AUTOMATIC INPUT SELECTION** Selects active input when sources are connected or if there is a change in source power status

**TCP/IP AND RS-232 CONTROL** Compatible with third-party control systems

**FRONT PANEL INPUT SELECTION AND DISPLAY CONTROL** Simplifies AV control for small meeting spaces



[model no. AT-HD-SC-500]



## Atlona Composite Video and Stereo Audio to HDMI Converter/Scaler

AT-HD120

Our value-priced composite video converter offers the same engineering as AT-HD520, optimized for systems that don't require S-video input or image enhancement.

### Atlona Advantages

**PLUG AND PLAY** Combine a composite video (BNC) signal and stereo audio signal into a signal that passes over a single HDMI cable



## Atlona HDMI to Composite and S-Video Down-Converter

AT-HD530

The solution for spaces with older displays—allows the continued use of older composite/S-video displays with new HDMI and DVI sources. It's perfect for images from HDMI cameras.

### Atlona Advantages

**MULTI-REGION CONVERSION** Supports a variety of sources with PAL or NTSC displays

**NOTE** Not HDCP compliant and won't function with standard HDMI sources such as Blu-rays and set-top boxes



## Atlona HDMI to VGA/Component and Analog Audio Converter

AT-HD420

Converts HDMI to VGA. Not HDCP compliant – doesn't support pre-recorded HDMI sources such as Blu-ray and set-top boxes.

### Atlona Advantages

**AUDIO DE-EMBEDDING** De-embeds PCM audio from HDMI to 2-channel audio on a 3.5 mm jack

**DIGITAL TO ANALOG CONVERSION** Allows use of HDMI sources with analog displays

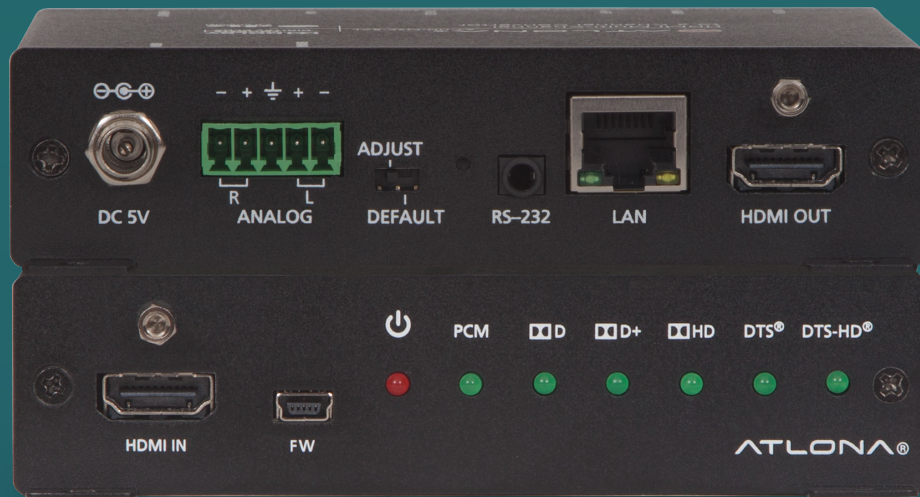




# Audio

Atlona audio solutions are purpose-built to satisfy the unique requirements of integrating and delivering high-performance audio signal distribution, conversion and amplification in residential and commercial AV systems.





## The Universal HDMI Audio De-embedder

The Atlona AT-UHD-M2C-BAL is an audio converter used to extract and downmix multi-channel digital Dolby® and DTS® surround sound signals from HDMI sources to balanced analog signals for professional audio systems. The converter provides controls for one- or two-channel mode, volume, mute, bass, and treble via RS-232, TCP/IP and a web-based GUI. A balanced analog audio output is provided on a 5-pin captive screw connector. The video pass-through design of the AT-UHD-M2C-BAL allows it to be placed anywhere in the signal path where a convenient audio feed to the sound system is required.



AMS READY

## 4K/UHD HDMI Multi-Channel Digital to Two-Channel Balanced Analog Audio Converter

### AT-UHD-M2C-BAL

In commercial applications where audio is provided by an HDMI source, integrators need an easy solution to extract balanced, +4 dBu, two-channel or monaural audio for professional sound reinforcement systems while maintaining full 4K/UHD video signal integrity for video switching and distribution systems. Integrated control reduces total cost in simple systems potentially eliminating a DSP or other volume control device.

### Atлона Advantages

**UNIVERSAL DE-EMBEDDER FOR DOLBY AND DTS SIGNALS** Allows any multi-channel audio stream to be used within a professional audio system

**DOWNMIXES MULTI-CHANNEL AUDIO TO 1 OR 2-CHANNEL AUDIO** Provides easy integration of HDMI audio sources into professional audio systems

**BALANCED AUDIO OUTPUT** Allows for fast and proper integration with professional sound systems  
**INDICATOR LIGHTS** Uses LED indicators to identify the incoming audio format.

**VOLUME AND EQ ADJUSTMENT** Audio adjustment without external DSP

**4K/UHD SUPPORT** Ensures all high-resolution signals are passed to video system

**CONTROL CAPABILITIES** Easy interface to control systems for simplified audio system adjustments

**DEFAULT SWITCH** Provides quick troubleshooting adjustment when control systems are not available



## Atлона HDMI Multi-Channel to 2-Channel Audio Converter

### AT-FHD-M2C

Atлона's M2C provides audio compatibility between zones for multi-zone AV systems. Many displays prevent the highest quality audio from being sent from Blu-rays, set-top boxes or game consoles because they won't accept Dolby and DTS. Your matrix switcher or distribution amplifier simply repeats those 2 channel EDIDs back to the source.

With Atлона's M2C, the 2-Channel EDID is converted to a full-featured EDID so that areas that can handle Lossless 7.1 and 5.1 actually receive those signals. In addition, 2 channel output is down-mixed from the multi-channel signal and output in HDMI, S/PDIF, TosLink and Analog (RCA) formats.

### Atлона Advantages

**DOLBY AND DTS SUPPORT** Converts audio such as DTS Digital and Dolby Digital 5.1, Dolby Digital Plus, DTS-HD Master Audio, and Dolby TrueHD into 2-channel.

**EDID MADE EASY** Replaces display's 2-channel EDID with its own multi-channel EDID ensuring that all sources on a matrix switch will always output multi-channel audio.

**OUTPUT CONNECTORS** Features HDMI (video + 2-channel audio) output, S/PDIF and TOSLink digital audio, and RCA analog audio.

**INDICATOR LIGHTS** Uses LED indicators to identify the incoming audio format.



## Atlona HDMI Audio De-Embedder w/3D

### AT-HD570

Our audio de-embedder separates audio from HDMI to TOSLink and 3.5 mm jacks.

### Atlona Advantages

**DIGITAL OUTPUTS** Transmits up to multi-channel DTS 5.1 and Dolby Digital signals

**ANALOG OUTPUTS** Transmits up to 7.1 uncompressed LPCM multi-channel via four 3.5 mm jacks



## Atlona Stereo/Mono Audio Amplifier

### AT-PA100-G2

An affordable, efficient class D amplifier that uses less energy and creates less heat. Powerful functionality in a small form factor that's just right for limited space. Uses less power than more elaborate amplifiers but can be easily hidden behind a display.

### Atlona Advantages

**INTEGRATION-READY CONTROL**  
Complete control via RS-232, IR, and front-mounted control panel

**20 WATTS** per channel

**MIC INPUT** Layers voice input over program audio using a microphone input compatible with condenser, dynamic, or wireless microphones

**SUPER COMPACT** Fits easily in smaller spaces

**MOUNTING EARS** included

**OPTIONAL IR REMOTE CONTROL KIT** for input channel, mute, mic control, volume, and EQ

**OUTPUT CONNECTOR** captive screw speaker connector

**INPUT CONNECTORS** 1 x captive screw mic, 2 x RCA, 1 x 3.5 mm

### Related Product

Atlona Remote Control Kit [model no. AT-PA1-IR-G2]



## Atlona Optical/Coaxial Digital Converter

### AT-AD2

Converts and extends TOSLink (optical) to S/PDIF (coax) or S/PDIF to TOSLink digital audio.

### Atlona Advantages

**LOOP OUT** Outputs both TOSLink and S/PDIF regardless of input format

# Test Equipment

Atlona test kits make it easy to identify, diagnose, and remedy connectivity and compatibility issues in the field.



## Identify, Diagnose, and Remedy

Atlona test and troubleshooting solutions save integrators and installers cost and labor. Complex installations can be overwhelming, but with our all-in-one installation test kit, troubleshooting couldn't be easier.

# Atlona Installation Test Kit

KIT-PROHD3

We've assembled our best and most popular HDMI diagnostic equipment in a high-quality water-resistant case for easy transport. All our test devices are also available for individual purchase.

## Kit Includes

PORTABLE HDMI Signal Generator [model no. AT-HD800]

4K HDMI EMULATOR/TESTER [model no. AT-UHD-SYNC]

7-INCH PRO HD MONITOR w/HDMI, VGA and Component Inputs [model no. AT-DIS7-PROHD]

4-HOUR PORTABLE BATTERY for use w/AT-DIS7-PROHD [model no. AT-BAT-DIS7PRO]

CARRYING CASE





## Atlona 7-Inch PRO HD Monitor

w/HDMI, VGA and Component Inputs

### AT-DIS7-PROHD

Our PROHD monitor displays video signals and test patterns for easy troubleshooting, and outputs audio from speakers. It emulates displays without actually using the display to confirm the proper operation of switching and cabling.

### Atlona Advantages

**VIDEO AND CABLE TESTING DISPLAYS** signals with resolutions from 480i up to 1080p (640x480 to 1920x1200)

**EASILY RACK-MOUNTABLE** Installs permanently with optional rack mount

**DISPLAYS COMPONENT SIGNALS** with supplied break-out cable

**AUDIO SPEAKERS** to check for embedded audio

### Related Products

Atlona 4-Hour Portable Battery [model no. AT-BAT-DIS7PRO]



## Atlona 4K HDMI Emulator/Tester

### AT-UHD-SYNC

The Atlona AT-UHD-SYNC is designed to analyze errors, identify issues and restore failed HDMI signals.

### Atlona Advantages

**4K (UHD) SUPPORT** Ensures the best video performance

**5 VOLT/HPD EMULATION** Restores A/V signals due to faulty cables or when multiple distribution devices are cascaded

**EDID EMULATION** 9 unique stored files plus learning capability to ensure the best picture and sound is achieved

**3 LEDs: INDICATORS** HPD, 5V, HDCP indicators aid in HDMI signal failure analysis.

**SIGNAL REGENERATION** HDMI 1.2 sources can be reliably transmitted with HDBaseT extenders.

**USB POWER** No wall power supply required! Harvest power from local USB devices to power UHD-SYNC when an AC outlet isn't available.

Palm sized form factor reduces impact within confined spaces.



## Atlona Portable HDMI Signal Generator

### AT-HD800

Our signal generator makes it easy to diagnose incompatibilities in the field. An EDID reading function simplifies diagnosis, and optional USB power adds flexibility.

### Atlona Advantages

**GENERATES 13 TEST SIGNALS** with resolutions from 480i (including 576i/p) to 1080p at 50Hz and 60Hz, as well as 1080p at 24Hz. Includes three common modes of 3D testing. Not all patterns available at all resolutions

**PORTABLE DESIGN** Small size, battery power, and an included protective rubber jacket

## Cables and Adapters

Atlona cables and adapters are precision-engineered to maximize signal reliability and integrity and are available in a wide variety of formats, lengths and configurations that have been optimized for system integrators and installers.





## Atlona LinkConnect Captive Screw Cable Series

Atlona's captive screw cable series features a thoughtful modification that installers and integrators asked for: pre-stripped cables that reduce excess cable lengths. This series features connections designed for use with captive screw connectors, pre-stripped at the opposite ends so they can be easily inserted for more secure, direct contact with the conductor.



### Atlona LinkConnect Captive Screw 2-Channel Audio Cable

ATLC-CS-2CH-2M

High-performance cables with support for 2-channel audio, designed for use with captive screw connectors and pre-stripped at the opposite ends so they can be easily inserted for more secure contact with the conductor.



### Atlona LinkConnect Captive Screw IR Cable

ATLC-CS-IR-2M

High-performance cables with support for IR control, designed for use with captive screw connectors and pre-stripped at the opposite ends so they can be easily inserted for more secure contact with the conductor.

# Get CONNECTED

For more information about products featured in this catalog or any of Atlona's award-winning solutions, visit [atlona.com](http://atlona.com).

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