software

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		✓

Visit atlona.com for more complete product information, including our latest catalog, data sheets and specs.

2

Distribution Amplifiers

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

Atlona UHD-CAT (HDMI to HDBaseT) Distribution Amplifier Series

Atlona'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 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). 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.

Atlona 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 READY

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

AMS READY

Visit atlona.com for more complete product information, including our latest catalog, data sheets and specs.

6

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 Amplifier

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]

Visit atlona.com for more complete product information, including our latest catalog, data sheets and specs.

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-4 is A 1x4 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]

Visit atlona.com for more complete product information, including our latest catalog, data sheets and specs.

10

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, field-updateable firmware and an affordable price point.

US: +1.408.962.0515   +1.877.536.3976   International: +41.43.508.4321

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 devices 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]

Visit atlona.com for more complete product information, including our latest catalog, data sheets and specs.

14

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 HDBaseTKit 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.

Available as a Kit, TX or RX.

[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.

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 1920×1200 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

3×1 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 800×600 to 1920×1200.

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 and 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]   Works with **AMS**™

[model no. AT-HDVS-200-RX Scaler]   Works with **AMS**™

[model no. AT-HDVS-200-TX-WP Switcher]   **AMS**™READY

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 and 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 ADDITIOINAL 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.

Visit atlona.com for more complete product information, including our latest catalog, data sheets and specs.

20

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-SPAM 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 PoCc 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-HDTX-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.

US: +1.408.962.0515   +1.877.536.3976   International: +41.43.508.4321

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 scalers enable seamless interchange between sources and displays with disparate resolutions. Our convertors 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 SELCTION 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.

Visit atlona.com for more complete product information, including our latest catalog, data sheets and specs.

27

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.

Atlona 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.

Atlona HDMI Multi-Channel to 2-Channel Audio Converter

AT-HD-M2C

Atlona'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 distributio amplifier simply repeats those 2 channel EDIDs back to the source.

With Atlona'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.

Atlona 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.

Visit atlona.com for more complete product information, including our latest catalog, data sheets and specs.

29

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 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.

Visit atlona.com for more complete product information, including our latest catalog, data sheets and specs.

33