2020 Vol. 2

New Products Brochure

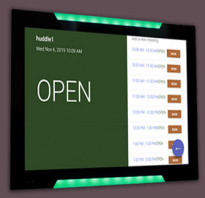
Innovative AV Technology Solutions

OMEGA™

OPUS™

velocity

OmniStream



ATLONA

a PANDUIT company

ATLONA ADVANTAGE • ATLONA ADVANTAGE • ATLONA ADVANTAGE • ATLONA ADVANTAGE •

10 YEAR LIMITED WARRANTY

Panduit + Atlona

Panduit + Atlona: The Leader in AV Integration Solutions

Atlona is a Panduit® company, a leading global provider of network infrastructure solutions. Together, Atlona and Panduit offer the AV industry's only end-to-end integration solution that brings together AV distribution and control, enterprise-grade cabling infrastructure, and connectivity for end users.

Atlona designs and engineers innovative, award-winning products for a diverse range of residential and commercial AV and IT markets. Backed by an award-winning 10-year warranty, Atlona's products are developed to enable our customers' ability to connect and collaborate with simplicity.

Now available at atlona.com are Panduit Connectivity & Routing products including table boxes, wall boxes, coupler modules, above floor raceways, and patch cables. These products have been carefully selected to complement Atlona extension, switching, and control devices to deliver robust, reliable, and scalable AV distribution over structured cabling, while also providing a professional finishing touch for any installation. See page 15 for more information about Panduit Connectivity & Routing products.

PANDUIT®

ATLONA
a PANDUIT company

Visit **atlona.com** for more complete product information, including datasheets and specifications.

Atlona **Velocity™**

IP-based platform for AV control and much more

AV control, room scheduling, and asset management

The Atlona **Velocity™ System** is an innovative AV control platform that brings together a unique set of capabilities resulting in easy system scalability and a low cost of ownership.

Velocity's IP-based system architecture allows a single, networked processor to serve multiple AV systems simultaneously, leading to overall AV system control efficiency. Velocity also saves valuable time with the ability to configure control systems in minutes, and quickly make system modifications free of extensive programming.

In addition to AV control, Velocity serves as an integrated server for room scheduling touch panels, as well as centrally deploying and managing a network of Atlona AV devices.

NEW

TOUCH PANELS OR BYOD

Control AV systems with touch panels or a mobile device (at no extra cost)

NEW

ROOM SCHEDULING

In addition to AV control, the Velocity System is a room scheduling server

NEW

REMOTE SERVICING

Every Velocity System includes Velocity Cloud Lite monitoring and management

AMS NEW

ASSET MANAGEMENT

Atlona Management System (AMS) for configuring and deploying AV devices

FAST CONFIGURATION

Configure control systems in minutes with intuitive navigation and menus

AFFORDABLE SCALABILITY

Integrate multiple AV systems from a single processor and lower your costs

CUSTOMIZABLE GUI

Velocity makes it easy to create a simple, yet elegant and powerful UI

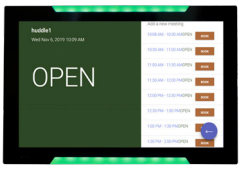
ENHANCE COLLABORATION

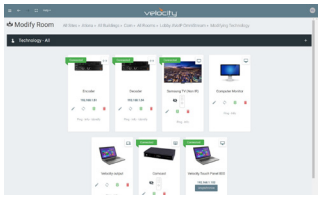
AV integration into Cisco and Zoom meeting spaces with video conferencing

SYSTEM REDUNDANCY

Add a second processor for redundancy and built-in disaster recovery

Atlona **Velocity™**





Gateway for Velocity System

NEW

AT-VGW-HW-3 • AT-VGW-HW-10 • AT-VGW-HW-20

Hardware server gateways for AV system control, room scheduling, and AV asset management

Serves to up 250 IP device connections

Redundancy with automatic failover available via dual processors

AT-VGW-SW • AT-VRL-SW NEW

Software server gateway for AV system control, room scheduling, and AV asset management

Designed for hosting on standard IT server infrastructure

Redundancy with automatic failover available via dual processors

AT-VCC-IR-KIT • AT-VCC-RELAY-KIT • AT-VCC-RS232-KIT

Velocity Command Converters for IP conversion to RS-232, IR, and relay / sensor

Touch Panels for Velocity Systems

AT-VTP-550-BL • AT-VTP-550-WH

5.5" capacitive touch screen, 720×1280 resolution

Black and white versions

AT-VTP-800-BL • AT-VTP-800-WH

8" capacitive touch screen, 1280×800 resolution

Black and white versions

Also available: **AT-VTP-TMK Tabletop Mounting Kit**

AT-VSP-800-BL • AT-VSP-800-WH NEW

Designed for room scheduling with status LED illumination at bezel edges

8" capacitive touch screen, 1280x800 resolution

Black and white versions

Remote Configuration and Management Portal

VELOCITY CLOUD LITE

Included with the Velocity System at no extra cost or subscription

Online resource for creating and centrally managing Velocity control and room scheduling systems for multiple clients and sites

Remotely configure a new Velocity control system from scratch, or modify an existing system in minutes

Continuous system monitoring – quickly assess system and device status

Automate Velocity system backups to the cloud at defined intervals

Easy system restoration by accessing any time-stamped backup

Velocity System Gateways

At the heart of every Velocity System is the gateway, a server that provides the processing to serve multiple rooms of AV control, plus room scheduling panels. Each gateway also includes the Atlona Management System (AMS) for configuring and servicing Atlona switchers and other AV devices, as well as Velocity Cloud Lite remote management and the unlimited use of BYOD mobile devices for AV control.

Hardware Gateway

The VGW-HW is a hardware gateway, available in 3 different room capacity configurations to suit your AV integration requirements. Velocity is the only platform that lets you serve multiple rooms of AV control from one processor.

SKU	AV Control	Room Scheduling*	IP Device Capacity**
AT-VGW-HW-3	Up to 3 rooms	Up to 6 rooms	250 simultaneous IP Connections
AT-VGW-HW-10	Up to 10 rooms	Up to 20 rooms	250 simultaneous IP Connections
AT-VGW-HW-20	Up to 20 rooms	Up to 40 rooms	500 simultaneous IP Connections

* A room can include AV control, room scheduling, or both. For example, with the AT-VGW-HW-10 there can be a total of 6 rooms with AV control only, 4 rooms for control and scheduling, and 16 rooms with scheduling only.

** Total available IP device capacity for AV system control, room scheduling, and AV asset management.

Software Gateway

Also available is the AT-VGW-SW software gateway, for installation on standard IT server infrastructure. It delivers up to 20 rooms with AV system control, with additional rooms available through a simple license (AT-VRL-SW).

SKU	AV Control	Room Scheduling*
AT-VGW-SW	Up to 20 rooms	Up to 40 rooms
AT-VRL-SW	1 additional room	2 additional rooms

* A room can include AV control, room scheduling, or both. For example, with the AT-VGW-SW there can be a total of 12 rooms with AV control only, 8 rooms for control and scheduling, and 32 rooms with scheduling only.

Total available IP device capacity for AV system control, room scheduling, and AV asset management is dependent on server hardware.

Atlona OmniStream™

Low latency, networked AV over 1 Gigabit Ethernet

Uncompromised AV over IP performance and reliability

The ultimate AV distribution platform for integrators to design and build flexible, scalable, and cost-effective AV systems – with best-in-class AV over IP performance and reliability over Gigabit Ethernet.

OMNISTREAM PRODUCT FAMILIES – Tailor an OmniStream networked AV system design to your specific needs:

- **OmniStream Pro** – Networked AV designed for conference rooms, boardrooms, and divisible rooms, plus AV distribution over large networks
- **OmniStream R-Type** – Networked AV streamlined for residential and light commercial AV distribution applications
- **OmniStream Audio** – Audio over IP integration via Dante™ and AES67
- **OmniStream USB** – Connect USB devices to PCs and peripherals across a network

4K HDR

Fully compatible with Dolby Vision, HDR10, and HLG @ 60 Hz

1 GB ETHERNET

Works over new or legacy network infrastructure

PLUG AND PLAY

Ready to go with popular network switches from Cisco, Luxul, Pakedge, and many others

SECURE

Supports IEEE 802.1x, HDCP 2.2, AES-128, and other security protocols

VIDEO WALLS

Simple, effortless setup and configuration for video walls (landscape or portrait screens)

POE

Power all encoders and decoders from a network switch with standard PoE

AV SWITCHING

Virtual auto-switching with grouped or daisy-chained encoders

FAST SWITCHING

Deliver ultra-fast, <10 ms AV switching (1080p output)

DOLBY VISION

The only platform that streams Dolby® Vision™ @ 60 Hz and 12-bit color

Pro Single-Channel Networked AV Encoder

AT-OMNI-111

Single HDMI input
4K HDR including Dolby Vision @ 60 Hz
Supports VR at 2100x1200 @ 90 Hz
Plug-and-play network switch compatibility
Network security including IEEE 802.1x
Local/PoE-powered

Pro Wallplate Networked AV Encoder

NEW

AT-OMNI-111-WP

Single HDMI input
US two-gang enclosure
Interchangeable black or white trim kits
4K HDR including Dolby Vision @ 60 Hz
Plug-and-play network switch compatibility
Network security including IEEE 802.1x
PoE-powered

Pro Dual-Channel Networked AV Encoder

AT-OMNI-112

Dual HDMI inputs with auto-switching
4K HDR including Dolby Vision @ 60 Hz
Supports VR at 2100x1200 @ 90 Hz
Plug-and-play network switch compatibility
Network security including IEEE 802.1x
Local/PoE-powered

Pro Single-Channel Networked AV Decoder

AT-OMNI-121

Single HDMI output
4K HDR including Dolby Vision @ 60 Hz
Supports VR at 2100x1200 @ 90 Hz
Plug-and-play network switch compatibility
Network security including IEEE 802.1x
Audio embedding/de-embedding
Local/PoE-powered

R-Type Dual-Channel Networked AV Encoder

AT-OMNI-512

Dual HDMI inputs
4K HDR including Dolby Vision @ 60 Hz
Plug-and-play network switch compatibility
Local/PoE-powered

R-Type Single-Channel Networked AV Decoder

AT-OMNI-521

Single HDMI output
4K HDR including Dolby Vision @ 60 Hz
Plug-and-play network switch compatibility
PoE-Powered

Audio 16 Output IP to Analog Audio Bridge

AT-OMNI-238

Receives 16 audio streams from OmniStream encoders
AES67-compatible audio over IP streaming
Dante networked audio interface
16 balanced or unbalanced audio outputs
Independent mute and volume control per output

USB over IP System

AT-OMNI-311

Host side USB to IP adapter

AT-OMNI-324

Device side IP to USB adapter
Extend USB peripherals across a local area network
Also ideal for point-to-point USB extension

OmniStream provides the essential foundation for designing complete networked AV systems incorporating signal distribution, control, and system management. The Atlona **Velocity System** is the perfect complement to OmniStream, featuring highly intuitive configuration and user-friendly operation.

Atlona **OMEGA™ Series**

AV for modern workspaces and meeting environments

OMEGA™

Redefining AV for presentation and collaboration

The OMEGA Series is is a family of switching, extension, and video processing solutions with features and technologies designed specifically for today's meeting and gathering spaces.

Key Features

- Simple user operation – connect and present (no button to press)
- Built-in automation with auto-switching, display control, and more
- Universal AV connectivity for HDMI, DisplayPort, and USB-C
- Video conferencing hub – USB interfacing for PCs, cameras, speakerphones, and soundbars
- Cost-effective, easily adaptable system designs for a facility, organization, or enterprise

SWITCHER

6×2 Matrix Presentation Switcher with USB

AT-OME-PS62

HDMI, USB-C, and HDBaseT inputs

USB-C input for AV, data, and device charging

HDBaseT and HDMI outputs

4K up/downscaling for HDMI output

USB 2.0 interfacing and extension up to 330 feet (100 meters)

Comprehensive audio integration features

SWITCHER

5×2 Matrix Switcher with USB and Wireless Link

NEW

AT-OME-MS52W

HDMI, USB-C, DisplayPort, and wireless AV inputs

USB-C input for AV, data, and device charging

HDBaseT and HDMI outputs

Wireless AV gateway for iOS®, Android™, Mac®, Chromebook™, and Windows® PCs

USB 2.0 interfacing and extension up to 330 feet (100 meters)

SWITCHER

4x2 Matrix Switcher with USB-C

AT-OME-MS42

NEW

HDMI, USB-C, and DisplayPort inputs

USB-C input for AV, data, and device charging

HDBaseT and HDMI outputs

4K to 1080p downscaling for HDMI output

USB 2.0 interfacing and extension up to 330 feet (100 meters)

Audio de-embedding

SWITCHER

3x2 Matrix Switcher for HDMI and USB-C

AT-OME-SW32

Selectable AV switching modes

4K/UHD capability @ 60 Hz / 4:4:4 chroma sampling

Support for HDR formats

4K to 1080p downscaling

Audio de-embedding

TRANSMITTER

3x1 Switcher for HDMI and USB-C

AT-OME-ST31A

Mirrored HDBaseT and HDMI outputs

Designed for remote powering

Local powering available with optional power supply

Selectable 4K to 1080 downscaling for HDMI output

Audio de-embedding

TRANSMITTER

Wallplate Switcher for HDMI and USB-C

AT-OME-TX21-WP-E

2x1 switcher and HDBaseT transmitter

Two-gang enclosure for EU and UK wallplates

Interchangeable EU/UK and black/white trim kits

Remote powering

Visit **atlona.com** for more complete product information, including datasheets and specifications.

Learn more at: **atlona.com/omega**

TRANSMITTER

HDBaseT Transmitter for HDMI with USB

AT-OME-EX-TX

Transmitter for HDMI, Ethernet, power, control, and USB

USB 2.0 interfacing and extension up to 330 ft (100 m)

Remote powering

Also available: **AT-OME-EX-KIT** (with AT-OME-EX-RX)

TRANSMITTER

Wallplate Transmitter for HDMI with USB

AT-OME-EX-TX-WP

Transmitter for HDMI, Ethernet, power, control, and USB

US one-gang enclosure

Interchangeable black or white trim kits

USB 2.0 interfacing and extension up to 330 ft (100 m)

Remote powering

Also available: **AT-OME-EX-WP-KIT** (with AT-OME-EX-RX)

TRANSMITTER

Wallplate Transmitter for HDMI with USB - EU/UK

AT-OME-EX-TX-WP-E

Transmitter for HDMI, Ethernet, power, control, and USB

Two-gang enclosure

Interchangeable EU/UK and black/white trim kits

USB 2.0 interfacing and extension up to 330 ft (100 m)

Remote powering

RECEIVER

HDBaseT Receiver for HDMI with USB

AT-OME-EX-RX

Receiver for HDMI, Ethernet, power, control, and USB

USB 2.0 interfacing and extension up to 330 ft (100 m)

Local or remote powering

Also available: **AT-OME-EX-KIT** (with AT-OME-EX-TX), **AT-OME-EX-WP-KIT** (with AT-OME-EX-TX-WP)

RECEIVER

HDBaseT Receiver for HDMI with Audio NEW

AT-OME-RX11

Receiver for HDMI, Ethernet, power, and control

Local or remote PoE powering

Audio de-embedding

RECEIVER / SCALER

HDBaseT Receiver/Scaler with HDMI input NEW

AT-OME-RX21

Receiver for HDMI, Ethernet, power, and control

4K up/downscaling

Local or remote powering

Dual Ethernet ports and integrated network switch

Contact closure for screen or display lift control

RECEIVER

Dual HDBaseT Receiver/Scaler with HDMI input NEW

AT-OME-RX31

Receiver for HDMI, Ethernet, power, and control

Two HDBaseT inputs and an HDMI input

4K up/downscaling

Remotely powers two HDBaseT transmitters

Dual Ethernet ports and integrated network switch

Contact closure for screen or display lift control

RECEIVER

HDBaseT Receiver/Scaler with HDMI input and USB

AT-OME-SR21

Receiver for HDMI, Ethernet, power, control, and USB

USB 2.0 interfacing and extension up to 330 ft (100 m)

4K up/downscaling

Local or remote powering

Dual Ethernet ports and integrated network switch

Contact closure for screen or display lift control

EXTENDER KIT

HDBaseT TX/RX Kit for HDMI with USB NEW

AT-OME-EX-KIT-LT

Extender kit for HDMI, power, control, and USB

USB 2.0 interfacing & extension up to 130 ft (40 m) for 4K/UHD video

Transmitter powered by receiver

Also available: **AT-OME-EX-KIT** (AT-OME-EX-TX and AT-OME-EX-RX), **AT-OME-EX-WP-KIT** (AT-OME-EX-TX-WP and AT-OME-EX-RX)

Atlona **OPUS™ Series**

Next-generation residential AV distribution

OPUS™

4K HDR matrix switching

The Atlona **Opus™ Series** is the essential, no-compromise 4K HDR distribution solution for premium residential installations requiring whole-house AV distribution over HDBaseT. With Opus, rest assured that you'll be serving yourself or your clients with the latest in video technology – high dynamic range (HDR) – today and for years to come.

Key Features

- HDMI to HDBaseT matrix switchers – 4×6, 6×8, and 8×10
- HDR formats: HDR10 @ 60 Hz, Dolby Vision @ 30 Hz, and HLG
- Flexible, independent audio matrix switcher
- Trigger CEC display control to each output
- Endpoint options: HDBaseT receiver, or 4×1 HDMI + HDBaseT switcher

HDR for the price of 4K

New, lower pricing on the Opus Series matrix switchers. Contact your Atlona representative for more information.

HDR HDMI to HDBaseT Matrix Switcher

AT-OPUS-46M

Four HDMI inputs and HDBaseT outputs
Two HDMI outputs
4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling
Visually lossless VESA Display Stream Compression
Flexible, independent audio matrix switcher

HDR HDMI to HDBaseT Matrix Switcher

AT-OPUS-68M

Six HDMI inputs and HDBaseT outputs
Two HDMI outputs
4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling
Visually lossless VESA Display Stream Compression
Flexible, independent audio matrix switcher

HDR HDMI to HDBaseT Matrix Switcher

AT-OPUS-810M

Eight HDMI inputs and HDBaseT outputs
Two HDMI outputs
4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling
Visually lossless VESA Display Stream Compression
Flexible, independent audio matrix switcher

HDR HDBaseT RX for Opus Matrix Switchers

AT-OPUS-RX

4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling
HDBaseT receiver for HDMI, Ethernet, power, and control up to 330 feet (100 meters)
Remotely powered by Opus matrix switcher
Delivers return audio from a TV over HDBaseT

HDR Four-Input HDMI and HDBaseT Switcher

NEW

AT-OPUS-RX41

4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling
HDBaseT receiver for HDMI, Ethernet, power, and control up to 330 feet (100 meters)
Remotely powered by Opus matrix switcher - local powering also available
Delivers return audio from a TV over HDBaseT or to local digital audio output

Atlona **HDVS Series**

Switching, scaling, and extension for huddle rooms

Maximize your software-based conferencing rooms

The Atlona **HDVS-300-C-KIT** provides a fully integrated system solution for video conferencing in huddle spaces and meeting rooms, with multi-format auto-switching, USB and control extension, built-in display control, and a high performance, conferencing PTZ camera.

AT-UHD-HDVS-300-C-KIT

Discover the other members of the groundbreaking HDVS Series: **HDVS-150** and **HDVS-200** plus the **HDVS-SC-RX** with high performance video processing. They're designed for maximizing the potential of your huddle space, meeting room, or remote switcher applications. All members of the HDVS Series offer the convenience of automatic input switching and display control.

NEW

PTZ Cameras

AT-HDVS-CAM • AT-HDVS-CAM-HDMI • AT-HDVS-CAM-HDBT

HD cameras with USB, HDMI, or HDBaseT video interfaces
Available in black or white
High performance imaging, fine detail, and color rendering with 1/2.8" low-noise, HD CMOS sensor
Multi-element zoom lens with 10x optical zoom and a 60.9° horizontal field of view

HDBaseT Transmitter and Receiver Kit

AT-HDVS-150-KIT
3×1 switcher/transmitter
HD video scaler/receiver
RS-232 control
Audio de-embedding
230 ft./70 m transmission
Also available: **AT-HDVS-150-WP-KIT**

HDBaseT Transmitters

AT-HDVS-210U-TX-WP • AT-HDVS-210H-TX-WP
2x1 switcher/transmitter
HDMI and USB-C inputs (AT-HDVS-210U-TX-WP)
Dual HDMI inputs (AT-HDVS-210H-TX-WP)
4K/60 4:2:0
TCP/IP and RS-232 control
Black and white trim kits included
Also available: **AT-HDVS-210U-TX-WP-KIT** and **AT-HDVS-210H-TX-WP-KIT**

HDBaseT Transmitter

AT-HDVS-200-TX
3×1 switcher/transmitter
4K/60 4:2:0
TCP/IP and RS-232 control
Audio embedding
330 ft./100 m transmission
Also available: **AT-HDVS-200-TX-WP**

HDBaseT Receiver and Scaler

AT-HDVS-200-RX
HD video scaler/receiver
TCP/IP and RS-232 control
Contact closure for screen control
Audio de-embedding
330 ft./100 m extension

High Video Quality Scaler, Switcher, and HDBaseT Receiver

AT-HDVS-SC-RX
2x1 switcher/receiver/scaler
HDMI and HDBaseT inputs
Same essential features as the AT-HDVS-200-RX, plus:
Atlona CrystalScale™ Technology
Pristine-quality 4K image scaling and processing

Visit **atlona.com** for more complete product information, including datasheets and specifications.

See all HDVS products and learn more at: **atlona.com/hdvs**

Atlona **CLSO Series**

Multi-format presentation switchers

Simplify complex presentation spaces

The **CLSO-824** is highly versatile and ideal for presentation environments with content on multiple displays, as well as higher education, presentation capture, and divisible rooms. Everything you need is in one product including remote HDBaseT endpoint connectivity, audio integration features, and Ethernet and control extension, plus seamless control and management with Velocity and the Atlona Management System™.

AT-UHD-CLSO-824

Combine the power of the CLSO Series with the flexibility of remote signal extension, switching, and scaling when combined with the **UHD-EX**, **HDVS-200**, and **Omega Series** of transmitters and receivers, as well as the **AT-HDVS-SC-RX** scaling receiver.

8x2 4K/UHD Multi-Format Matrix Switcher

AT-UHD-CLSO-824

Three HDBaseT, four HDMI, and one analog video input
Dual, mirrored HDBaseT and HDMI outputs
4K/UHD capability @ 60 Hz / 4:2:0 chroma subsampling
Audio processing features plus matrix mixing
RS-232 routing to local and remote devices

4K/UHD Six-Input Multi-Format Switcher

AT-UHD-CLSO-601

Four HDMI and two analog video inputs
Mirrored HDBaseT and HDMI outputs
4K/UHD @ 30 Hz with integrated scaler
Audio processing features and breakaway switching
RS-232 routing to local and remote devices

4K/UHD Six-Input Multi-Format Switcher

AT-UHD-CLSO-612ED

Two HDBaseT, two HDMI, and two analog video inputs
Mirrored HDBaseT and HDMI outputs
4K/UHD @ 30 Hz with integrated scaler
Audio processing features and breakaway switching
RS-232 routing to local and remote devices

Atlona **SW Series**

High performance AV switching

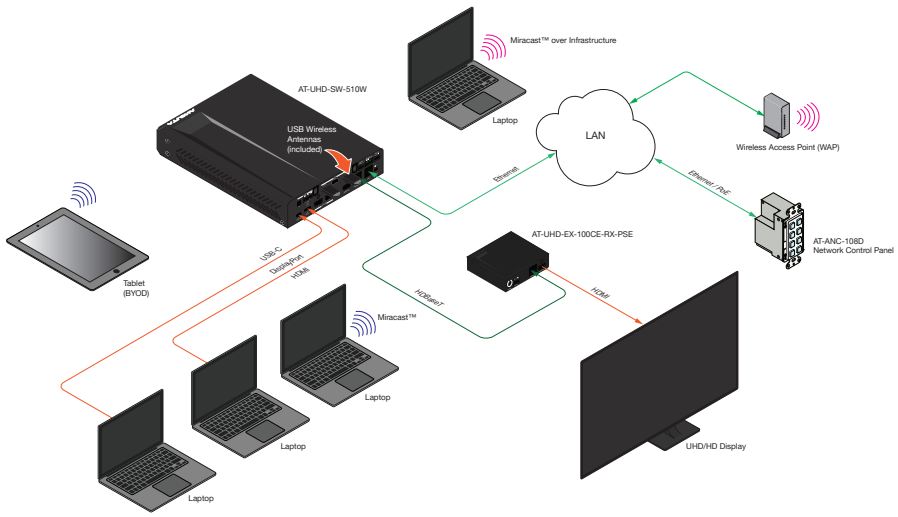
Designed for:
USB-C • HDMI • Wireless BYOD • DisplayPort

The definitive BYOD solution for wireless AV

The Atlona **SW-510W** is tailor-made for BYOD in huddle rooms and teaching spaces. It begins with a universal means to connect to the screen wirelessly, and offers secure signal transmission, auto-switching, display control, plus the industry's first USB-C-equipped switcher. See full product details and learn more at: **atlona.com/sw-510w**

AT-UHD-SW-510W

Miracast™ • AirPlay® • Google® Cast™



KEY FEATURES:

- Native wireless device integration, no app to install for iOS®, Android™, or Windows® (Miracast)
- Connect HDMI, DisplayPort, and USB-C sources
- Dual outputs for 5x2 mirrored or matrix switching
- Automatic switching and display control for wired and wireless AV signal presence
- Secure wireless access and AV signal transmission
- Moderator mode for managing up to four wireless-connected devices
- Also ideal as a technology / wireless BYOD upgrade for legacy AV systems

Switchers with HDMI Outputs

AT-UHD-SW-51

5×1 HDMI switcher

AT-UHD-SW-52

5×1 HDMI switcher with mirrored outputs
Balanced audio output

Switcher with Mirrored HDMI and HDBaseT Outputs

AT-UHD-SW-52ED

5×1 HDMI switcher
Enhanced system integration with UHD-EX and HDVS Series receivers
Balanced audio output
Enhanced IR control

Switcher with HDBaseT inputs and Mirrored HDMI and HDBaseT Outputs

AT-UHD-SW-5000ED

5×1 HDMI and HDBaseT switcher
Enhanced system integration with UHD-EX and HDVS Series transmitters and receivers

Visit **atlona.com** for more complete product information, including datasheets and specifications.

Learn more at: **atlona.com/sw-510w**

Atlona **HDR Series**

The AV industry's definitive 4K HDR solution provider

4K HDR integration building blocks

AT-JUNO-451

The **AT-JUNO-451** is a compact, problem-solving switcher engineered for 4K/UHD and HDR-capable sources and displays. It's compatible with 4K HDR10 and Dolby Vision @ 60 Hz and fully supports video resolutions, audio formats, and color space formats in the HDMI 2.0b specification. With EDID management, auto-switching, and full control capabilities, the JUNO-451 is at home in residential or commercial applications. Also available as the **JUNO-451-HDBT** with an HDBaseT input, ideal as a local switching companion to the **Opus Series** and **UHD-PRO3 Series** matrix switchers.

Atlona offers a family of products to extend and distribute 4K/60 4:4:4 and 4K HDR video, all designed to deliver pristine-quality image presentations in residential and commercial applications.

TRANSMITTER & RECEIVER

HDMI over HDBaseT TX/RX with Ethernet, Control, PoE, and Audio

AT-HDR-EX-100CEA-KIT

HDBaseT extender kit for HDMI, audio, power, and control up to 330 ft. (100 m)
4K/60 4:4:4
Compatible with 4K HDR10 @ 60 Hz & Dolby Vision @ 30 Hz
HDCP 2.2 compliant
RX to TX audio return via optical pathway
HDBaseT link status testing

TRANSMITTER & RECEIVER

HDMI Over HDBaseT TX/RX with Control and PoE

AT-HDR-EX-70C-KIT

HDBaseT extender kit for HDMI, power, and control up to 230 ft. (70 m)
4K/60 4:4:4
Compatible with 4K HDR10 @ 60 Hz & Dolby Vision @ 30 Hz
HDCP 2.2 compliant
HDBaseT link status testing

TRANSMITTER & RECEIVER

HDMI Over HDBaseT TX/RX Kit

AT-HDR-EX-70-2PS

HDBaseT extender kit for HDMI up to 230 ft. (70 m)
4K/60 4:4:4
Compatible with 4K HDR10 @ 60 Hz & Dolby Vision @ 30 Hz
HDCP 2.2 compliant
HDBaseT link status testing

MATRIX SWITCHERS

4x4 and 8x8 HDMI to HDMI Matrix Switchers

AT-HDR-H2H-44MA • AT-HDR-H2H-88MA

4K/60 4:4:4
Compatible with 4K HDR10, Dolby Vision, and HLG (Hybrid Log-Gamma) @ 60 Hz
HDCP 2.2 compliant
Independent CEC display control to each output
HDMI audio de-embedding for each output

DISTRIBUTION AMPLIFIERS

Two, Four, and Eight-Output HDMI Distribution Amplifiers

AT-RON-442 • AT-RON-444 • AT-RON-448

4K/60 4:4:4
Compatible with 4K HDR10, Dolby Vision, and HLG (Hybrid Log-Gamma) @ 60 Hz
HDCP 2.2 compliant
EDID management
Supports cascading up to eight units

AUDIO

Single and Four Source Multi-Channel Audio Converters

AT-HDR-M2C • AT-HDR-M2C-QUAD

HDMI audio de-embedding and multi-channel audio downmixing
4K/60 4:4:4
Compatible with 4K HDR10 & Dolby Vision @ 60 Hz
HDCP 2.2 compliant

Visit **atlona.com** for more complete product information, including datasheets and specifications.

See full product details and learn more at: **atlona.com/hdr**

Atlona **Pocket™** and **LinkConnect™**

Cable access enclosure and cables

Provide easy access for meeting participants

The Atlona Pocket 3H (**AT-PKT-3H**) is a tabletop cable access enclosure with a low-profile design. The Pocket 3H Kit (**AT-PKT-3H-KIT**) bundles three, 2 meter (6.6 ft) LinkConnect™ cables to get you going out of the box. One each of the cables shown below are included in the kit.

The **AT-DISP-CTRL** provides automatic control for displays in small meeting rooms. It's the perfect complement to the Pocket 3H and LinkConnect cables.

Architectural Cable Access Enclosure

AT-PKT-3H

- Tabletop cable access enclosure
- Under-table cable management system
- Supplied insert holds three cables in place
- Low-profile design for any modern or traditional décor
- Convenient under-table bag conceals cables
- Also available: **AT-PKT-3H-KIT** with AV cables

Display Controller

NEW

AT-DISP-CTRL

- Ideal for huddle rooms without AV systems
- Simple, automated display control via IP, RS-232, IR, or CEC
- Programmable display control modes
- Local or PoE (Power over Ethernet) powering
- Comprehensive display driver selection from the Velocity Control System database

LinkConnect HDMI to HDMI Cable

AT-LC-H2H

- HDMI to HDMI cables
- Available in 1, 2, and 3 meter lengths
- Locking HDMI connector
- Lifetime limited product warranty

LinkConnect Mini DisplayPort to HDMI Cable

AT-LC-MDP2H

- Mini DisplayPort to HDMI cables
- Available in 1, 2, and 3 meter lengths
- Locking HDMI connector
- Lifetime limited product warranty

LinkConnect USB-C to USB-C Cable

AT-LC-UC2UC

- USB-C to USB-C cable
- 2 meter (6.6 feet) length
- Compatible with USB 3.1 Gen 1 specification
- Lifetime limited product warranty

Visit **atlona.com** for more complete product information, including datasheets and specifications.

Learn more at: **atlona.com/cables**

Panduit **Products**

Enterprise-grade cabling infrastructure and AV connectivity

Panduit Connectivity & Routing Products

Panduit® Connectivity & Routing products provide a professional finishing touch for any installation. The collection of table boxes, wall boxes, coupler modules, above floor raceway, and patch cables are ideal for discreetly installing AV devices and managing cabling for conference rooms, huddle spaces, classrooms, training spaces, and more. Panduit Connectivity & Routing products have been carefully selected to complement Atlona extension, switching, and control devices to deliver robust, reliable, and scalable AV distribution over structured cabling, while also providing a pleasing aesthetic.

For more information about these products, please visit: **atlona.com/panduit.**

NOTE: Panduit Connectivity & Routing products are available only to Atlona customers in the United States.

Panduit Nook Style Table Box

PND100

Provides connectivity and power at a conference room table or podium. Access door opens and slides into the unit for full access to customizable NetKey® and Mini-Com® connections within.

Panduit HDMI Retractable Cable

PND400

HDMI cable management solution for the PND100 nook style table box. Provides up to 4 feet of HDMI cable for connecting sources, then retracts cable into enclosure when not in use.

Panduit Tilt Up Style Table Box

PND110

Provides connectivity and power at a conference room table or podium. Press the top to tilt cover and reveal customizable NetKey® and Mini-Com® connections.

Panduit Pan-Way® Above Floor Raceway

AFR4 Series

Designed for installations where it is not possible to route data, AV, and power cables through floor or ceiling conduit. Numerous color and fitting options are available.

Panduit **Products**

Panduit AV In-Wall Box – Small

CMBBSWH
Ideal for installing active equipment and managing cables behind a flat panel display or projection screen. Small version offers equipment mounting area of 7.25" x 14".

Panduit AV In-Wall Box – Large

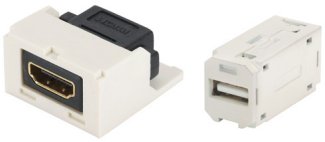
CMBBLWH
Ideal for installing active equipment and managing cables behind a flat panel display or projection screen. Large version offers equipment mounting area of 14" x 14".

Panduit TX6A™ 10Gig UTP Patch Cable

UTP6A Series
Category 6A UTP patch cables that include patented MaTriX technology to suppress alien crosstalk for cost effective transmission of AV over IP, HDBaseT, and network data.

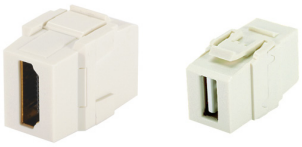
Panduit TX6A™ 10Gig Shielded Patch Cable

STP6X Series
Shielded twisted pair cables that offer high performance and excellent EMI suppression for reliable transmission of AV over IP, HDBaseT, and network data.



Panduit Mini-Com® HDMI and USB Coupler Modules

CMHDMI • CMUSBAA
HDMI and USB couplers that allow Panduit Mini-Com® table box frames to be customized to suit connectivity requirements.



Panduit NetKey® HDMI and USB Coupler Modules

NKHDMI • NKUSBAA
HDMI and USB couplers that allow Panduit NetKey® table box frames to be customized to suit connectivity requirements.

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