2022 Vol. 1 - EMEA

New Products Brochure

Innovative AV Technology Solutions

AV for any environment: huddle spaces, conference rooms, video walls, retail / hospitality, classrooms, lecture halls, wireless collaboration, and touch-free AV.

ATLONA
a PANDUIT company

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Velocity – AV control, scheduling, configuration, and remote access

AN INNOVATIVE IP-BASED CONTROL SYSTEM that 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 includes calendar integration for room scheduling touch panels, centralized configuration of AV devices, and remote management from the cloud. **Page: 5**

OmniStream – Uncompromised AV over IP performance and reliability

DELIVERS HIGH PERFORMANCE, DEPENDABLE AV DISTRIBUTION, plus the unrestricted scalability and cost efficiency of integrating over data networks. **OmniStream Pro** is engineered for the most demanding, mission-critical applications. **OmniStream R-Type** offers performance and capabilities optimized for light commercial AV distribution. **Page: 7**

WAVE – Wireless Audio Visual Environment for collaboration

A UNIVERSAL WIRELESS BYOD SYSTEM for up to four presenters to cast right from their mobile devices. The WAVE also supports digital signage, YouTube live streaming, video playback, and more. **Page: 9**

Omega – AV for modern workspaces and meeting environments

A FAMILY OF SWITCHING, EXTENSION, AND VIDEO PROCESSING SOLUTIONS with features and technologies designed for today's meeting and gathering spaces. **Transmitters:** Connectivity into an AV system for source devices with HDMI or USB-C outputs, as well as USB for video conferencing applications. **Switchers:** Compact matrix switchers designed specifically for small to medium-sized presentation applications. **Receivers:** Slim and compact for discreet installation, and a range of features and capabilities beyond receiving HDBaseT from a transmitter or switcher. **Page: 11**

Captivate™ - High performance videoconferencing solutions

A SERIES OF AUDIO VIDEO SOLUTIONS developed specifically for unified communications (UC) applications. The auto-framing camera and USB / Bluetooth® speakerphone work in unison to optimize soft codec videoconferencing experiences. **Page: 15**

Application: Huddle Space Videoconferencing

Many workers have become accustomed to hosting videoconferencing sessions on their laptop. At the office, they may be required to host these sessions in a conference space and include in-person attendees. In these instances, it is important to have the right AV equipment, so all participants are seen and heard clearly.

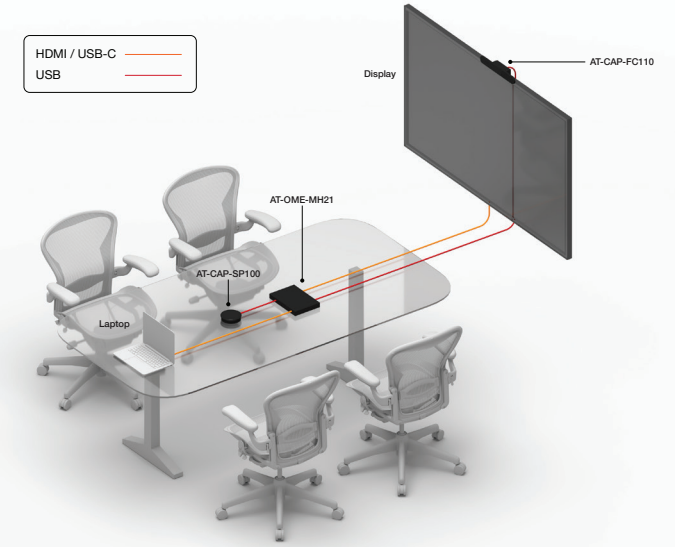
Atlona offers critical components that help improve the soft codec videoconferencing experience. The **AT-OME-MH21** is versatile USB-C and HDMI switcher equipped with a USB 3.0 hub for video conferencing peripherals. Our new Captivate™ Series of audio and video solutions for unified communications (UC) includes the **AT-CAP-FC110** auto framing camera and the **AT-CAP-SP100** USB / Bluetooth® speakerphone.

When users connect their laptop to the system, they gain access to the high-resolution camera and conferencing grade speakerphone for use with popular applications such as Zoom and Microsoft Teams®.

CONFERENCING GRADE AV – The Captivate Series camera and speakerphone provide video capture and audio performance far superior to the native abilities of laptops.

USB-C SUPPORT – A single connection between the user's laptop and the system provides access to the display, camera, and speakerphone.

AUTOMATIC DISPLAY CONTROL – Turns the display on when a laptop is connected and off when it is disconnected.



Featured Products

2x1 Switcher for HDMI and USB-C with USB Hub

AT-OME-MH21, see page 12

NEW

Captivate 4K ePTZ Auto-Framing Camera

AT-CAP-FC110, see page 15

NEW

Captivate USB / Bluetooth Speakerphone

AT-CAP-SP100, see page 15

Application: Meeting Room Automation

As businesses return to the office, there is an emphasis on flexibility and simplicity when it comes to meeting room AV equipment. Making the room technology fast to start-up and easy-to-use is the key to keeping participants efficient no matter where they are located.

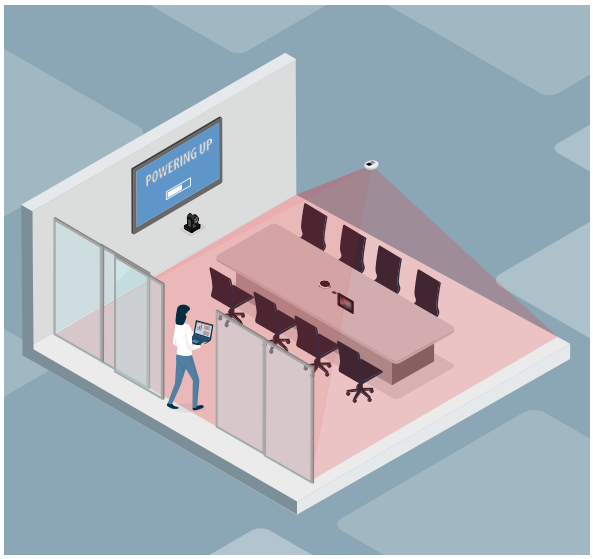
Meeting spaces need to support in-person presentations and remote videoconferences as well as hybrid collaboration that includes both. Automating start-up of AV equipment with components that include the following capabilities help these meetings run smoother.

OCCUPANCY DETECTION – Use presence of individuals in the room as guiding factor for the state of the AV technology.

AUTOMATIC DISPLAY CONTROL – Turn the display on or off based on status of an occupancy sensor.

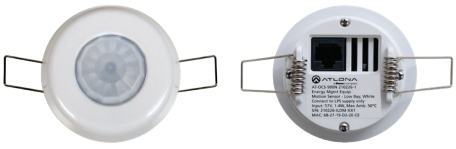
WIRELESS PRESENTATION – Mirror content from personal BYOD devices over Wi-Fi®.

MULTI-FUNCTION SENSOR – Capture temperature and ambient light levels in addition to occupancy and pass that information to Atlona products and third-party systems to control room elements.



For example, the **AT-OCS-900N** occupancy sensor can detect activity in a room and communicate that information over the network to the **AT-WAVE-101** which instructs the display to turn on. The user then connects wirelessly to the WAVE-101 to mirror their content on the display. When participants leave the space, the occupancy sensor detects vacancy and works with the WAVE-101 to shut-down the AV system. The OCS-900N can also use the network to share occupancy, temperature, and light level information with **Velocity™** to control more complex AV systems as well as screens, shades, and lighting.

Featured Products



Network-Enabled Occupancy Sensor

NEW

AT-OCS-900N, see page 18

Wireless Presentation Platform

AT-WAVE-101, see page 9

IP-based AV Control Platform

Velocity, see page 5

AV control, scheduling, configuration, and remote access

Atlona **Velocity™** is and innovative IP-based control platform that offers a comprehensive set of capabilities for modern AV installations. It saves valuable time with the ability to configure control systems in minutes, and quickly modify functionality free of extensive programming. In addition to AV control, Velocity includes calendar integration for room scheduling touch panels, centralized configuration of AV devices, and remote management from the cloud.

QR BYOD OR TOUCH PANEL

AV control with touch panels or scan the QR code and use your BYOD device

ROOM SCHEDULING

Supports calendar integration with Google Workspace™, Office 365™, Exchange®, and Astra Schedule

ASSET MANAGEMENT

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

CUSTOMIZABLE GUI

Redesigned tool makes it easier than ever to create elegant user interfaces

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

REMOTE GATEWAY

NEW

Optional Velocity Premier Service for configuration, management, and control over the Internet

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

Velocity System Gateways

At the heart of every Velocity system is the gateway, a server that provides processing for a single or multiple rooms of AV control and scheduling. Each gateway also includes the Atlona Management System (AMS) for configuring and managing Atlona devices.

Hardware Gateways

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

Server appliance that supports hundreds of IP device* connections

Three versions available for control of up to 3, 10, or 20 rooms and scheduling up to 6, 20, or 40 rooms respectively

Software Gateway

AT-VGW-SW • AT-VRL-SW

Designed for hosting on standard IT server infrastructure with support for hundreds of IP device* connections

Provides AV control for up to 20 rooms and scheduling up to 40, add additional rooms with **AT-VRL-SW** licenses

NEW

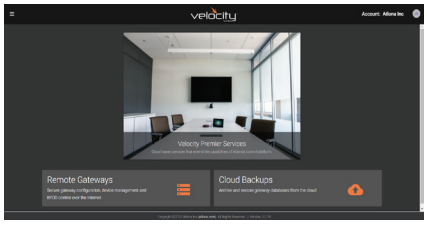
All-in-one Control System

AT-VTPG-1000VL-BL • AT-VTPG-1000VL-WH

10" touch panel with contemporary styling and bezel lighting

Integrated Velocity gateway supports one room of control for up to 24 devices and two scheduling panels

Velocity Products



Premier Services - Remote Gateway

AT-VPS-RG-T1 • AT-VPS-RG-T2 • AT-VPS-RG-T3

Securely configure and manage gateways over the Internet

Automatically backup gateway databases to the cloud

Support QR code and BYOD control of AV systems over the users Internet connection instead of through the AV LAN

Multiple tiered levels of service available

10" Touch Panels

AT-VTP-1000-BL • AT-VTP-1000-WH

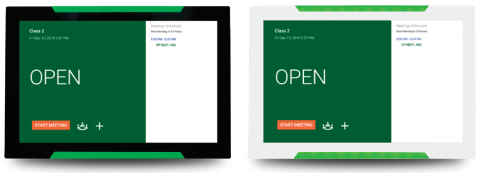
Designed for room scheduling and AV control

10" capacitive touch screen, 1280 x 800 resolution

Glass and universal one-gang wall mount included

Surround bezel LED lighting

Tabletop mounting available with optional **AT-VTP-VTM**



8" Scheduling Touch Panels

AT-VSP-800-BL • AT-VSP-800-WH

Designed for room scheduling and AV control

8" capacitive touch screen

1280 x 800 resolution

Bezel LED lighting

Black and white versions available

8" Touch Panels

AT-VTP-800-BL • AT-VTP-800-WH

Designed for AV control and room scheduling

8" capacitive touch screen

1280 x 800 resolution

Black and white versions available

Tabletop mounting available with optional **AT-VTP-TMK**

5.5" Touch Panels

AT-VTP-550-BL • AT-VTP-550-WH

Designed for AV control and room scheduling

5.5" capacitive touch screen

720 x 1280 resolution

Black and white versions available

Velocity Command Converters

AT-VCC-IR3-KIT

IP to IR Command Converter with Three Emitters

AT-VCC-RELAY-KIT

IP to Relay / Sensor Signal Converter

AT-VCC-RS232-KIT

IP to RS-232 Command Converter

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

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, lecture halls, facilities, and more, plus AV distribution over large networks
- OMNISTREAM R-TYPE – Networked AV streamlined for light commercial AV distribution applications

4K HDR

Supports HDR formats including Dolby® Vision™, HDR10, and HLG

1 GB Ethernet

Works over new or legacy network infrastructure

Plug and Play

Ready to go with popular network switches from Cisco®, NETGEAR®, 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 or WUXGA output)

Ultra-Low Latency

Less than 1 frame latency from encode to decode

Pro Single-Channel Networked AV Encoder

AT-OMNI-111

Single HDMI® input
4K/UHD plus HDR formats
Optimized for graphics and fast-motion video
Ultra-low latency
Network security including IEEE 802.1x
Local/PoE-powered

Pro Wallplate Networked AV Encoder

AT-OMNI-111-WP

Single HDMI input
Interchangeable black or white trim kits
4K/UHD plus HDR formats
Optimized for graphics and fast-motion video
Ultra-low latency
Network security including IEEE 802.1x
PoE-powered

Pro Dual-Channel Networked AV Encoder

AT-OMNI-112

Dual HDMI inputs with auto-switching
4K/UHD plus HDR formats
Optimized for graphics and fast-motion video
Ultra-low latency
Network security including IEEE 802.1x
Local/PoE-powered

Pro Single-Channel Networked AV Decoder

AT-OMNI-121

4K/UHD plus HDR formats
Optimized for graphics and fast-motion video
Ultra-low latency
Video wall processing
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/UHD plus HDR formats
Optimized for fast-motion video
Ultra-low latency
Local/PoE-powered

R-Type Single-Channel Networked AV Decoder

AT-OMNI-521

4K/UHD plus HDR formats
Optimized for fast-motion video
Ultra-low latency
Video wall processing
PoE-powered

USB over IP System

AT-OMNI-311

Host side USB to IP adapter
USB host connection for PC
Compatible with USB 2.0 data rates up to 480 Mbps

USB over IP System

AT-OMNI-324

Device side IP to USB adapter
Four-port USB hub
Supports high bandwidth devices such as cameras
Compatible with USB 2.0 data rates up to 480 Mbps

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

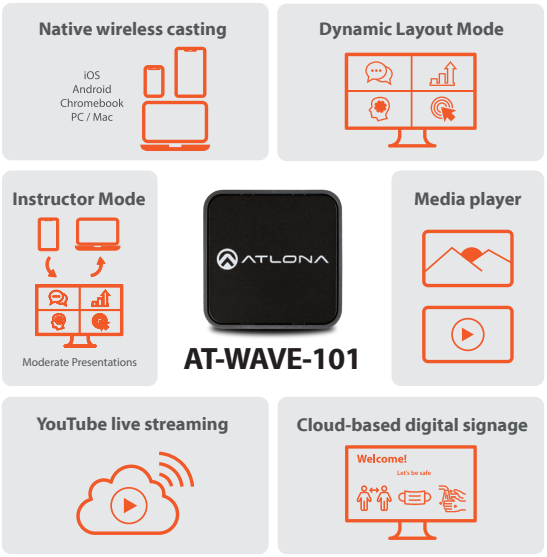
WAVE™

Effortless screen casting from any mobile device

The Atlona **Wireless Audio Visual Environment (WAVE)** is designed for easy content sharing from iOS®, Android™, Mac®, Chromebook™, or Windows® devices. The **WAVE-101** allows up to four presenters to share their content simultaneously on-screen, with a moderator mode available for managing additional presenters. Wireless BYOD interfacing is simply enabled through the device's native casting protocol, with no setup necessary beforehand.

For hands-free, effortless user operation, Dynamic Layout Mode™ is an innovative feature of the WAVE-101 that automatically adapts the on-screen layout to incoming or disconnected source content, to optimize the way the content is presented on the screen.

The WAVE-101 is equipped with a host of additional features to enhance education, corporate, and many other applications, including YouTube Live streaming, support for cloud-based digital signage applications, playback of locally stored images and video, and much more.



Wireless Presentation Platform

AT-WAVE-101

ALLOWS SIMULTANEOUS CONTENT SHARING for up to four presenters

INSTRUCTOR MODE allows a user to manage content, upload and play media content, stream YouTube™, and switch between layouts

OPTIONAL WI-FI® ACCESS POINT – with built-in firewall

SUPPORTS CLOUD-BASED digital signage platforms

SUPPORTS YOUTUBE Live streaming

DYNAMIC LAYOUT MODE automatically adapts to incoming or disconnected source content (patent pending)

WIRELESS SCREEN CASTING through native AirPlay®, Google Cast™, or Miracast™ protocols

SUPPORTS WIRELESS VIDEO up to 1080p30 4:2:0 (up to 1080p60 with Miracast)

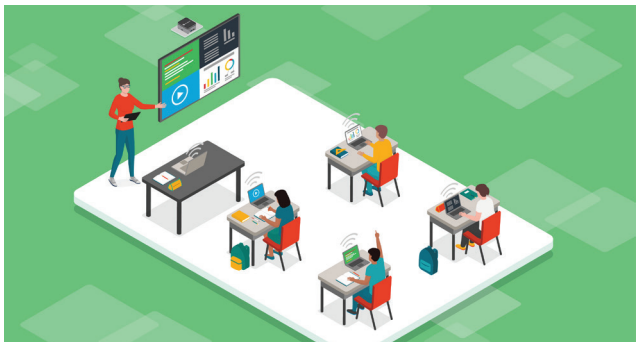
LOCAL STORAGE available for playback of images and video

PROGRAMMABLE DISPLAY CONTROL based on time schedules via IP, RS-232 (with optional adapter), or TCP proxy

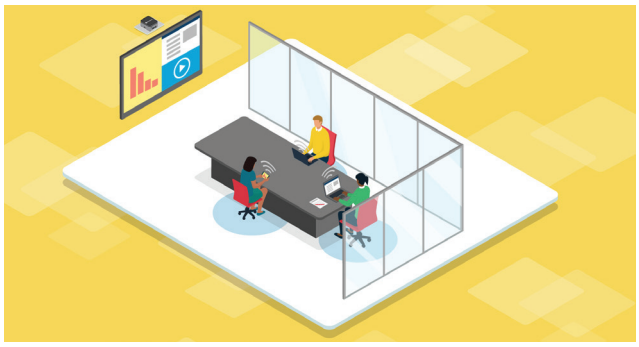
AUTOMATIC DISPLAY CONTROL available with the AT-OCS-900N occupancy sensor

CENTRALLY CONFIGURE and manage WAVE-101 units with AMS (Atlona Management System™)

The WAVE-101 is ideal for classrooms and meeting spaces, as well as open gathering areas where people come together to collaborate and communicate. The appeal of this product is the ability for participants to quickly and easily share content right from their laptops, smartphones, or tablets, with no advance setup necessary.



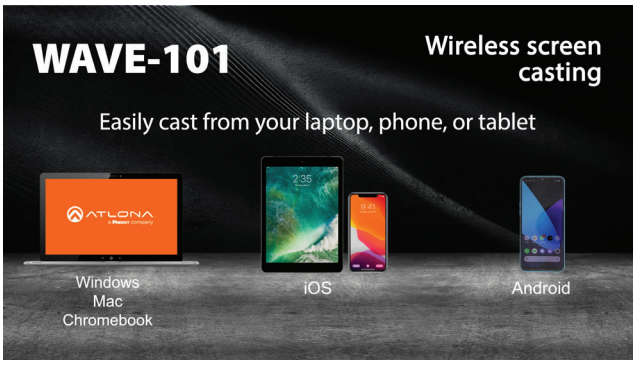
The WAVE-101 allows multiple students to share from their seats, with the instructor controlling the presentation through a specially designed moderator mode.



For existing AV systems in meeting rooms, the WAVE-101 offers an ideal upgrade opportunity to add wireless AV and many other capabilities such as digital signage playback.

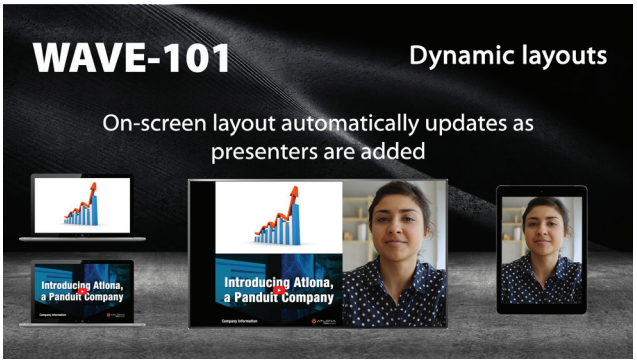
Wireless BYOD connections as easy as 1-2-3

The WAVE-101 lets you cast your screen from an iOS, Android, Mac, Chromebook, or Windows device. There's no setup necessary beforehand – just use the native AirPlay®, Google Cast™, or Miracast™ protocol built into your laptop, smartphone, or tablet. For security, the WAVE-101 can randomly generate PIN access codes.



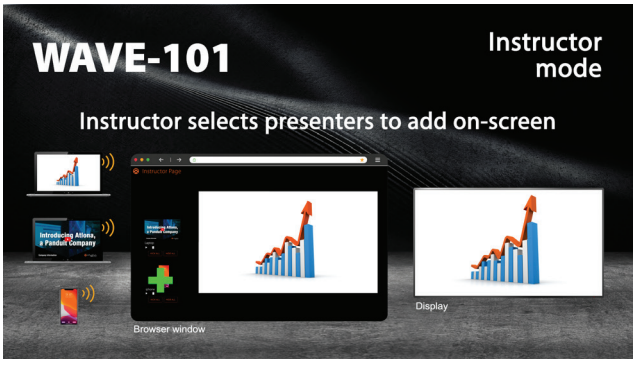
Dynamic Layout Mode (patent pending)

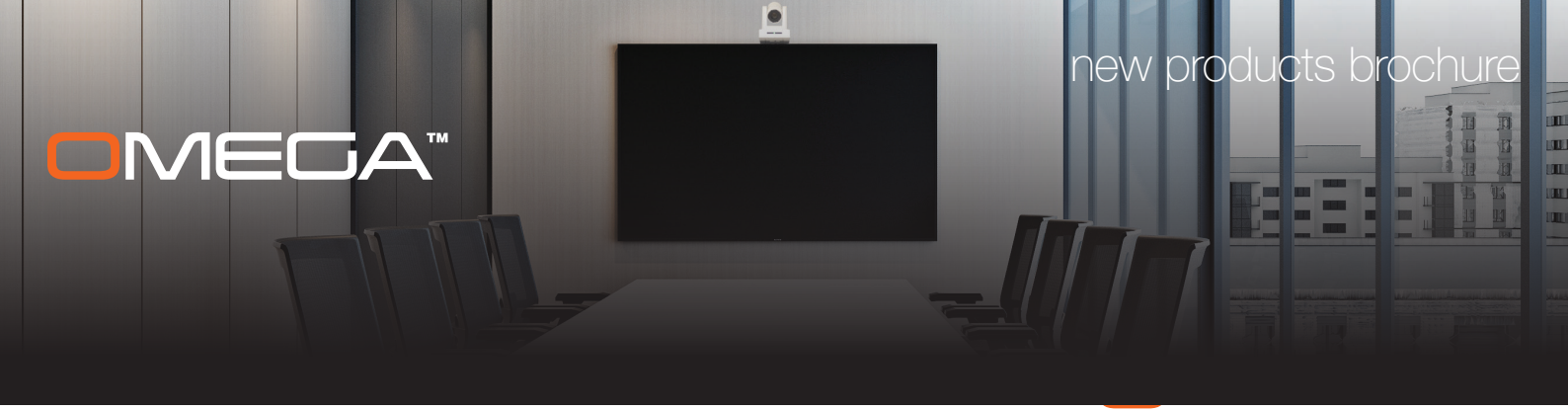
For hands-free, effortless user operation, Dynamic Layout Mode™ is an innovative feature of the WAVE-101 that automatically adapts the on-screen layout to incoming or disconnected source content, to optimize the way the content is presented on the screen.



Instructor Mode

Designed for education applications, Instructor Mode allows moderation of sessions with multiple presenters. When activated, Instructor Mode automatically places each newly connected student device into a queue. Through a web portal, the instructor determines which students can share content with everyone.





OMEGA™

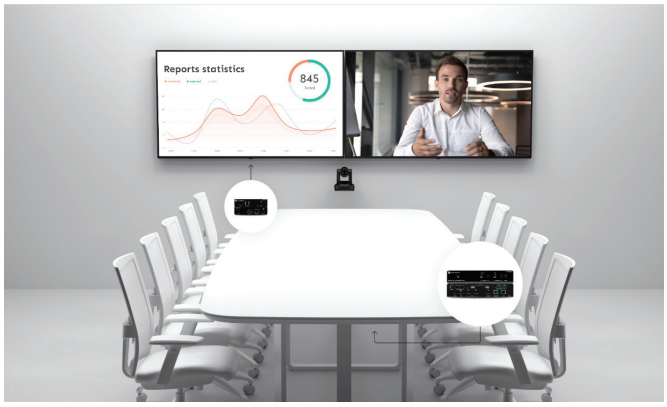
new products brochure

Redefining AV for presentation and collaboration

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

They're essential AV system components made for simple plug-and-play operation to deliver a presentation or video conferencing session, and collaborate with team members. An Omega Series system can be a straightforward, point-to-point setup from meeting table to display, or anchored by an AV switcher with remote endpoints at display or presenter locations.

The Omega Series lets you specify and deliver cost-friendly AV integration solutions for participants to bring in their own devices to present or share content. Omega also makes it very easy to integrate AV systems for video conferencing with popular platforms such as Zoom, Microsoft Teams®, and Cisco® Webex®.



zoom

cisco Webex

Key Features

SIMPLE USER OPERATION – connect and present (no button to press)
UNIVERSAL AV CONNECTIVITY for USB-C®, HDMI®, and DisplayPort™
VIDEO CONFERENCING HUB – USB interfacing for PCs, cameras, speakerphones, and soundbars

SWITCHER

4x2 Matrix Switcher with USB-C

AT-OME-MS42

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 extension up to 330 feet (100 meters)
Audio de-embedding

SWITCHER

6x2 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 extension up to 330 feet (100 meters)
Comprehensive audio integration features

SWITCHER

Wireless BYOD

5x2 Matrix Switcher with USB and Wireless AV Input

AT-OME-MS52W

HDMI, USB-C, DisplayPort, and wireless AV inputs
USB-C input for AV, data, and device charging
HDBaseT and HDMI outputs
Native screen casting with AirPlay®, Google® Cast™, and Miracast™
USB 2.0 extension up to 330 feet (100 meters)
Also available: **AT-UHD-SW-510W** (similar but without USB)

SWITCHER

2x1 Switcher for HDMI and USB-C with USB Hub

AT-OME-MH21

HDMI and USB-C inputs
Integrated USB 3.0 hub
4K/UHD capability @ 60 Hz / 4:4:4 chroma sampling
4K to 1080p downscaling
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

SWITCHING 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
4K to 1080p downscaling for HDMI output
Audio de-embedding

SWITCHING TRANSMITTER

Wallplate Switcher for HDMI and USB-C with USB Hub

AT-OME-SW21-TX-WPC

2x1 switcher and HDBaseT transmitter
US one-gang enclosure
Interchangeable black or white trim kits
USB 2.0 extension up to 330 ft (100 m)
Remote powering

TRANSMITTER

HDBaseT Transmitter for HDMI with USB

AT-OME-EX-TX

Transmitter for HDMI, Ethernet, power, control, and USB
USB 2.0 extension up to 330 ft (100 m)
Remote powering

TRANSMITTER

Wallplate Transmitter for HDMI with USB

AT-OME-EX-TX-WP

Transmitter for HDMI, power, control, and USB
US one-gang enclosure
Interchangeable black or white trim kits
USB 2.0 extension up to 330 ft (100 m)
Remote powering

TRANSMITTER

Wallplate Transmitter for USB-C

AT-OME-EX-TX-WPC

Transmitter for USB-C, power, control, and USB
USB-C input for AV and data
US one-gang enclosure
Interchangeable black or white trim kits
USB 2.0 extension up to 330 ft (100 m)
Remote powering

TRANSMITTER

Wallplate Transmitter for HDMI and USB-C

AT-OME-EX-TX-WP-E

Transmitter for HDMI, Ethernet, power, control, and USB
Two-gang enclosure
Interchangeable EU/UK trim kits
USB 2.0 extension up to 330 ft (100 m)
Remote powering

RECEIVER / SCALER

HDBaseT Receiver/Scaler with HDMI input and USB

AT-OME-SR21

Receiver for HDMI, Ethernet, power, control, and USB
USB 2.0 extension up to 330 ft (100 m)
4K up/downscaling
Remotely powers HDBaseT transmitter
Dual Ethernet ports and integrated network switch
Contact closure for screen or display lift control

RECEIVER

HDBaseT Receiver for HDMI with USB

AT-OME-EX-RX

Receiver for HDMI, Ethernet, power, control, and USB
USB 2.0 extension up to 330 ft (100 m)
Supplies or receives power over HDBaseT

RECEIVER

HDBaseT Receiver for HDMI with Audio

AT-OME-RX11

Receiver for HDMI, Ethernet, power, and control
Remotely powers HDBaseT transmitter
Audio de-embedding

RECEIVER / SCALER

Dual HDBaseT Receiver/Scaler with HDMI input

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 / SCALER

HDBaseT Receiver/Scaler with HDMI input

AT-OME-RX21

Receiver for HDMI, Ethernet, power, and control
HDBaseT and HDMI inputs
4K up/downscaling
Remotely powers HDBaseT transmitter
Dual Ethernet ports and integrated network switch
Contact closure for screen or display lift control

EXTENDER KIT

Wallplate HDBaseT Extender for HDMI with USB

AT-OME-EX-WP-KIT-LT

Extender kit for HDMI, power, control, and USB
Extends up to 230 feet (70 meters) @ 1080p, or up to 130 feet (40 meters) @ 4K/UHD
US one-gang enclosure
Interchangeable black or white trim kits
USB 2.0 extension up to 130 ft (40 m) for 4K/UHD
Transmitter powered by receiver

EXTENDER KIT

HDBaseT Extender for HDMI with USB

AT-OME-EX-KIT

Extender kit for HDMI, Ethernet, power, control, and USB
Extends 4K/UHD video up to 330 feet (100 meters)
USB 2.0 extension up to 330 ft (100 m) for 4K/UHD
Transmitter powered by receiver

EXTENDER KIT

Wallplate HDBaseT Extender for HDMI with USB

AT-OME-EX-WP-KIT

Extender kit for HDMI, power, control, and USB
Extends 4K/UHD video up to 330 feet (100 meters)
US one-gang enclosure
Interchangeable black or white trim kits
USB 2.0 extension up to 330 ft (100 m)
Transmitter powered by receiver

EXTENDER KIT

HDBaseT Extender for HDMI with USB

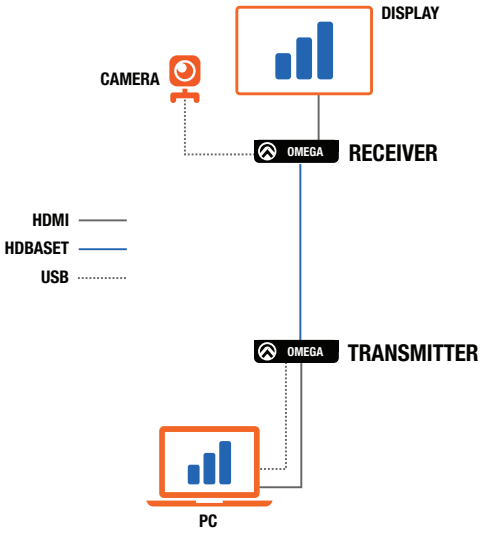
AT-OME-EX-KIT-LT

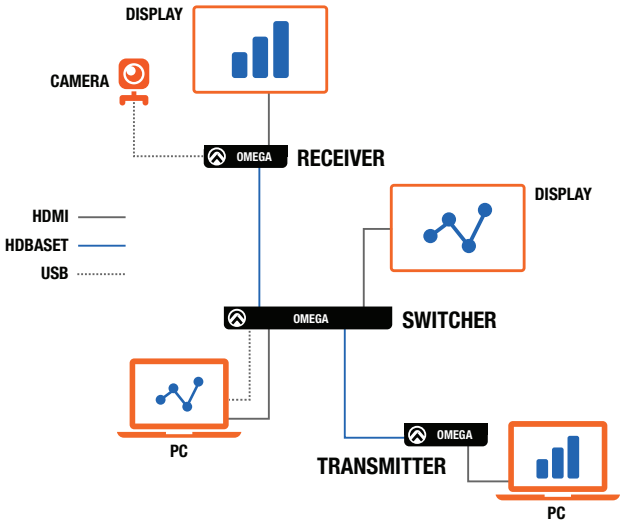
Extender kit for HDMI, power, control, and USB
Extends up to 230 feet (70 meters) @ 1080p, or up to 130 feet (40 meters) @ 4K/UHD
USB 2.0 extension up to 130 ft (40 m) for 4K/UHD
Transmitter powered by receiver

Omega System Components

The Omega Series is a family of essential AV system components designed for simple plug-and-play operation to deliver a presentation, video conferencing session, and collaborate with team members.

An Omega system can be a straightforward, point-to-point setup from meeting table to display, or anchored by an AV switcher with remote endpoints at display or presenter locations.





Omega Room Builder

Omega Room Builder (builder.atlona.com) is an online resource to help you select Omega Series AV switchers and extenders for your AV integration project or system design.

With the Omega Room Builder, you can easily specify an AV presentation or collaboration system, with the opportunity to contact us for further information or design assistance.

Cameras and Speakerphone

Enterprise-grade, professional quality

Atlona **Captivate™** is a series of audio video solutions developed specifically for unified communications (UC) applications. They work in unison to optimize soft codec videoconferencing experiences.

Atlona PTZ cameras are ideal for video conferencing and other applications such as lecture capture and distance learning. Models are available with USB, HDMI®, or HDBaseT™ outputs. All deliver high performance, professional-quality imaging with video resolutions up to 1080p, as well as fast and accurate auto-focusing, and a fast yet quiet pan and tilt mechanism.

Atlona cameras and speakerphone are ideal for use with the **Omega™** Series and **OmniStream™** USB over IP systems.

Captivate 4K ePTZ Auto-Framing Camera

NEW

AT-CAP-FC110

- USB 3.0 interface for video and audio
- Standard UVC driver for universal PC compatibility
- Automatically detects and re-frames camera for up to 6 participants
- 2-microphone array with 5 m (16 ft) audio pickup range
- High performance imaging, fine detail, and color rendering with 1/2.8" 4K CMOS sensor
- 4x digital zoom and 110° wide horizontal field of view

Captivate USB / Bluetooth Speakerphone

NEW

AT-CAP-SP100

- USB, Bluetooth®, and analog audio connectivity
- 360-degree coverage up to 16 feet (5 meters)
- 6-element microphone array, acoustic echo cancellation, and noise suppression enhance voice intelligibility
- 8-hours of battery operation on a single charge
- Cascade mode allows two speakerphones to cover larger meeting spaces

PTZ Camera with USB

AT-HDVS-CAM

- USB 2.0 interface for video
- Standard UVC driver for universal PC compatibility
- H.264 and H.265 IP streaming
- High performance imaging, fine detail, and color rendering with 1/2.8" low-noise, HD CMOS sensor
- 10x optical zoom and 60.9° horizontal field of view

PTZ Camera with HDMI and USB

AT-HDVS-CAM-HDMI

- HDMI output and USB 2.0 interface for video
- Standard UVC driver for universal PC compatibility
- H.264 and H.265 IP streaming
- High performance imaging, fine detail, and color rendering with 1/2.8" low-noise, HD CMOS sensor
- 10x optical zoom and 60.9° horizontal field of view

PTZ Camera with HDBaseT

AT-HDVS-CAM-HDBT

- HDBaseT output extends video, power, and control
- Supports remote powering over HDBaseT
- H.264 and H.265 IP streaming
- High performance imaging, fine detail, and color rendering with 1/2.8" low-noise, HD CMOS sensor
- 10x optical zoom and 60.9° horizontal field of view

AVANCE™

Versatile 4K/UHD HDMI® Over HDBaseT™ Extension

The Atlona **Avance Series** of HDMI extender kits are the latest generation of reliable HDBaseT extenders for 4K/UHD AV signals. To provide increased performance and reliability, the Avance Series includes key features and technologies to ensure video transmission integrity and quality. The series includes models with a variety of powering and extension distance options plus integration-friendly features to benefit any application.

Key Features

SUPPORT FOR RESOLUTIONS up to 4K/UHD @ 60 Hz 4:2:0
EDID FILTERING - prevents extension of unsupported resolutions to increase the integrity of video transmission
CLOCK STRETCHING - improves interoperability with legacy and low-quality HDMI video sources
HDBaseT LINK TEST - enables easy verification of cabling, termination, and link quality at the point of install
FLEXIBLE POWERING - kits available with local power supplies, TX -> RX remote power, or TX <-> RX bidirectional power
CONTROL/DATA OPTIONS – kits available with no control, extension of RS-232 / IR, or extension of Ethernet / RS-232 / IR

Avance 4K/UHD HDMI Extender Kit

AT-AVA-EX70-2PS-KIT

Supports resolutions up to 4K/UHD @ 60 Hz 4:2:0

Extend 4K up to 40 meters (130 feet) with Category 6/6A

Local power supply for both transmitter and receiver

Avance Extender Kit with Remote Power

AT-AVA-EX70-KIT

Supports resolutions up to 4K/UHD @ 60 Hz 4:2:0

Extend 4K up to 40 meters (130 feet) with Category 6/6A

Remote power, transmitter powers receiver over HDBaseT

Avance Extender Kit with Control and Remote Power

AT-AVA-EX70C-KIT

Extend 4K up to 40 meters (130 feet) with Category 6/6A

Extends bidirectional RS-232 and IR control signals

Remote power, transmitter powers receiver over HDBaseT

Avance Extender with Control and Bidirectional Power

AT-AVA-EX70C-BP-KIT

Extend 4K/UHD up to 40 meters (130 feet) with Category 6/6A

Extends bidirectional RS-232 and IR control signals

Bidirectional remote power, kit may be powered by either transmitter or receiver

HDMI ARC for audio return from the display

Avance Extender with Ethernet, Control, and Bidirectional Power

AT-AVA-EX100C-BP-KIT

Extend 4K/UHD up to 100 meters (330 feet) with Category 6/6A

Extends bidirectional Ethernet data as well as RS-232 and IR control signals

Bidirectional remote power, kit may be powered by either transmitter or receiver

HDMI ARC for audio return from the display

HDR Series

4K HDR integration building blocks

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™ 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.

AT-JUNO-451

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.

EXTENDER KIT

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 and Dolby Vision

HDCP 2.2 compliant

HDBaseT link status testing

EXTENDER KIT

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 and Dolby Vision

HDCP 2.2 compliant

HDBaseT link status testing

EXTENDER KIT

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

AT-HDR-EX-100CEA-KIT

HDBaseT extender kit for HDMI, audio, Ethernet, power, and control up to 330 ft. (100 m)

4K/60 4:4:4

Compatible with 4K HDR10 and Dolby Vision

HDCP 2.2 compliant

RX to TX audio return via optical pathway

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)

HDCP 2.2 compliantIndependent 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)

HDCP 2.2 compliant

EDID management

Supports cascading up to eight units

AUDIO DE-EMBEDDING

4K HDR Multi-Channel Audio Converter

AT-HDR-M2C

HDMI audio de-embedding and multi-channel audio downmixing

4K/60 4:4:4

Compatible with 4K HDR10 and Dolby Vision

HDCP 2.2 compliant

Accessories

Problem solvers and finishing touches

Sometimes you just need one more feature to round out a project and this is where Atlona accessories can help.

AT-OCS-900N and **AT-DISP-CTRL** provide automated control for AV systems and displays in small meeting rooms based on occupancy or signal detection. The **AT-USB-EX100-KIT** is a USB 2.0 extender that makes it easy to add an additional remote USB camera, microphone, or speaker to video conferencing rooms. The **Etude™ Sync (AT-ETU-SYNC)** provides EDID emulation and Hot Plug Detect communication between HDMI® devices to correct signal integrity issues associated with cabling, connections, or compatibility. The Pocket 3H (**AT-PKT-3H**) and **LinkConnect™** cables provide convenient cable connectivity, access, and management for BYOD environments.

Network-Enabled Occupancy Sensor

NEW

AT-OCS-900N

Multi-function sensor detects occupancy, temperature, and ambient light level

IP-enabled for communicating state over Ethernet

Works with WAVE™ and Velocity™ for AV automation

Shares status with third parties over common protocols

Customizable detection area from 900 – 2,000 sq. ft.

Display Controller

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

USB 2.0 Extender Kit

AT-USB-EX100-KIT

USB 2.0 extension up to 330 feet (100 meters)

Perfect for use with conferencing apps when USB components are in different areas of the room

Transmitter features one USB-B and two USB-A ports

Receiver features four USB-A

Compact enclosures for flexible mounting

EDID Emulator for 4K HDR Signals

AT-ETU-SYNC

EDID emulation for HDMI signals

5 Volt and Hot Plug Detect emulation

Detects and resolves signal handshaking issues between source and destination devices

4K/60 4:4:4 plus HDR formats

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

LinkConnect Cables

AT-LC-H2H
HDMI to HDMI cables - 1, 2, and 3 meters

AT-LC-MDP2H
Mini DisplayPort to HDMI cables - 1, 2, and 3 meters

AT-LC-UC2UC
USB-C to USB-C cable - 2 meters

Panduit + Atlona: The Leader in AV Solutions

Atlona, a Pandit company, is a leading manufacturer of AV distribution, AV over IP, collaboration, and control solutions. From home offices to Fortune 500 boardrooms, and from auditoriums to stadiums, Atlona products are relied upon by a diverse customer base for their AV needs. We work hard to ensure even the most cutting-edge technology is as easy to use as it is to integrate.

Atlona follows strict quality assurance standards that are applied throughout the entire organization. Ensuring that we are delivering the highest quality solutions possible––and that we are improving upon them continuously––is the responsibility of every employee.

In November 2021, Atlona's headquarters in San Jose, California received ISO 9001:2015 certification. This achievement underlines the company's dedication to the ongoing delivery of technological excellence.

OUR VISION

Improving Technology for the Sharing of Ideas

OUR MISSION

We prioritize quality, user experience, simplicity, and management in every product we develop.

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