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Link to Image: [AT-OME-MS42-HDBT](#)

Atlona Adds HDBaseT Input to Popular Omega™ Series Switcher

AT-OME-MS42-HDBT streamlines the infrastructure for in-room connectivity with HDBaseT input and output extension alongside USB and HDMI connections

SAN JOSE, California, June 25, 2024 – [Atlona](#) is now shipping a new version of the AT-OME-MS42, one of its most popular [Omega™ Series](#) matrix switchers that helps customers simplify the connectivity infrastructure inside learning and meeting spaces. The new **AT-OME-MS42-HDBT** 4x2 matrix switcher introduces an HDBaseT input alongside local USB-C and two HDMI connections, building in a remote input option that removes the need for a separate HDMI signal extension solution. The product includes HDMI and HDBaseT outputs (one each) with selectable switching modes to simplify configuration and user operation for presentation requirements.

The OME-MS42-HDBT supports HDBaseT extension for video up to 4K/60 4:2:0 over 330 feet (100 meters) of category cable alongside embedded audio, control, Ethernet and USB. All HDMI connections and the USB-C input support 4K HDR and 4K/60 4:4:4, with downscaling capabilities to support 1080p resolution out of the HDMI output. The switcher's integrated USB extension addresses the challenge of connecting between USB devices at remote locations, accommodating up to four host PCs through USB 2.0 type B and USB-C ports, and remotely over HDBaseT. A built-in USB 2.0 hub provides connectivity for two peripheral devices such as a camera, microphone, speakerphone, or keyboard and mouse.

The OME-MS42-HDBT's diverse connectivity options and problem-solving capabilities open the switcher to an array of use cases inside education and corporate environments. Installers can conceal the unit inside a lectern in learning spaces, allowing an instructor to send video from a laptop to a projector and confidence monitor. The remote input capability over HDBaseT cleanly accommodates a student presenter elsewhere in the room. Inside corporate businesses, the OME-MS42-HDBT acts as the centerpiece for delivering source content to meeting and conference room displays, with the HDBaseT input supporting laptop connections via wall or table access.



Video conferencing applications in any AV environment benefit through the various USB interface options for local and remote USB devices, with the ability to switch AV and USB together between host PCs.

“The OME-MS42-HDBT represents a refresh of our very popular OME-MS42 multi-format matrix switcher that expands the integration possibilities for our customers,” said Thomas Gay, Product Manager, for Atlona. “The switcher retains important automation functions such as display control and auto-switching while enhancing BYOD capability and USB functionality, among other improvements. Integrators and end users are assured exceptional value through proven technologies that streamline connectivity and ensure consistent reliability.”

To learn more about the OME-MS42-HDBT, or any Omega Series AV integration product, please visit atlona.com/omega.

About Atlona

Atlona, a Panduit company, is a leading manufacturer of AV distribution, AV over IP, collaboration, and control solutions. Our core brand vision is to improve technology for the sharing of ideas, through innovative AV products used every day in a wide variety of commercial and educational applications. Atlona prioritizes quality, user experience, simplicity, and management in every product we develop. More information about Atlona is available at atlona.com.

About Panduit

Global connectivity leader Panduit Corp. creates innovative electrical and network infrastructure solutions for applications across the enterprise. Headquartered in Tinley Park, Ill. and operating in 112 worldwide locations, Panduit’s technology leadership and robust ecosystem help support, sustain, and empower business growth in a connected world. See panduit.com.