HDBaseT outputs for transmission of HDMI, Ethernet, power, and control up to 330 feet (100 meters)

- Extends HDMI up to 330 feet (100 meters) @ 4K HDR using CAT6a/7 cable*
- Bidirectional extension of RS-232, IR, and Ethernet control signals
- Delivers 4K HDR extension to AT-OPUS-RX receivers, or AT-JUNO-451-HDBT switchers with HDBaseT input
- *To achieve optimal HDBaseT performance, CAT6a or CAT7 shielded twisted pair cable is highly recommended.*

Two HDMI outputs

- Opus Series matrix switchers include two 4K HDR HDMI outputs
- Provides additional flexibility to facilitate a variety of output needs and destinations

4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling, plus support for HDR formats

- Ideal for new and emerging 4K/UHD and HDR-capable sources and displays
- Compatible with 4K HDR10 @ 60 Hz and Dolby® Vision™ @ 30 Hz*, as well as HLG (Hybrid Log-Gamma) for 60p HDR broadcast services
- *Dolby Vision will be supported by Opus Series matrix switchers in a future firmware release.*

HDCP 2.2 compliant

- Adheres to latest specification for High-bandwidth Digital Content Protection
- Allows protected content stream to pass between authenticated devices

Integrated HDBaseT link status monitoring

- Tests integrity of the HDBaseT cable link between each output and the receiver
- Web GUI provides real-time link status, plus detailed HDBaseT and HDMI signal information
- Quick, easy verification or troubleshooting of RJ-45 termination or twisted pair cable quality

Provides HDMI signal regeneration for source devices

- Allows legacy HDMI sources such as cable television set-top boxes to be used in newer systems
- Addresses the lack of support for the HDMI clock stretching protocol required in HDBaseT extenders

Intuitive GUI-based configuration using integrated web server

- Offers menu-based configuration of network settings, RS-232 settings, I/O routing for video and audio, EDID and HDCP management, audio settings, and more
- Allows fast configuration of internal product settings and troubleshooting from a mobile device or PC in the field

TCP/IP, RS-232, and IR control

- Flexible control options for compatibility with the Atlona Velocity™ control system, as well as other third-party control systems
- Reduces integration time and costs
- Includes a convenient handheld IR remote control

Visually lossless VESA Display Stream Compression

- Enables HDBaseT transmission of HDMI up to 18 Gbps using extremely light video compression
- Innovative signal extension solution delivers very high, pristine image quality

Power over Ethernet (PoE) for AT-OPUS-RX receivers

- Industry standard IEEE 802.3af PoE is supplied by an Opus Series matrix switcher over HDBaseT
- Delivers power to the AT-OPUS-RX, as well as other compatible HDBaseT receivers*
- Allows convenient receiver installation at a display or projector without the need for local AC power
- *The AT-JUNO-451-HDBT is compatible with Opus matrix switchers, but requires local AC power.*

Flexible, independent audio matrix switcher

- Provides routing for de-embedded HDMI input audio*, TOSLINK digital and analog stereo audio sources, plus return audio from televisions via the AT-OPUS-RX receiver
- Flexible options for integrating with whole-house audio systems
- *For extracting and downmixing Dolby and DTS audio, Atlona recommends the AT-HDR-M2C or AT-HDR-M2C-QUAD audio converters.*

Comprehensive audio integration features

- TOSLINK digital and unbalanced analog stereo inputs
- Delivers return audio from a TV over HDBaseT via the AT-OPUS-RX receiver
- Simultaneous TOSLINK and analog stereo outputs provided for each HDBaseT and HDMI output
- Volume, mute, and five-band EQ for each output

IP to RS-232 translation

- Converts TCP/IP commands to RS-232 commands for output to external devices over HDBaseT
- Enables single IP connection to control processor to control both IP and RS-232 connected devices at remote endpoints

Independent CEC display control to each output

- Sends display power on/off control to a specific HDBaseT or HDMI output
- Enables independent control of displays connected to the matrix switcher (as supported by the display manufacturer)
- CEC control can be triggered by IP or RS-232 control commands

Comprehensive IR control management for sources and displays

- Direct interfacing of IR from a control processor to each HDBaseT output
- Opus Series also allows remote IR control of source devices from OPUS-RX locations

Easy to configure and manage with AMS (Atlona Management System)

- Centralized, network-based configuration and management of Atlona IP-controllable products and systems
- Manage configuration and firmware updates for AV devices spanning a facility, building, enterprise, or residence
- Available as a cost-effective server appliance, or a free software download

Integrate with OvrC cloud-based remote monitoring and management

- Use the popular OvrC platform to remotely manage, configure, and troubleshoot Opus Series matrix switchers for clients

Field-updatable firmware

Multi-channel audio compliant

- Passes through multi-channel audio formats from the HDMI inputs

- Supports PCM, Dolby® Digital, Dolby Digital Plus™, Dolby TrueHD, Dolby Atmos®, DTS® Digital Surround™, DTS-HD Master Audio™, and DTS:X®

EDID management

- Manages EDID communications between source, switcher, and displays; allows integrators to force a source to transmit preferred video resolution and audio format

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

- Device can be updated in the field via AMS or the web GUI

Quiet, active cooling

- Temperature-based fans maintain low internal temperature while never allowing fan noise to rise above -20 dBSPL @ 1 meter

- Eliminates noise objections when matrix switcher is used within the meeting or entertainment space

Front panel button controls and LCD menu display

- Matrix switcher can conveniently be controlled, configured, and monitored from the front panel

- Provides easy setup, user operation, and troubleshooting

Rack mountable 2U, full-rack width enclosure

- Installs easily in rack mounted systems with included 19" rack mount brackets

- Reduces installation time and cost

Included accessories

- Installation guide, IR remote control, rack mounting hardware, power cable (US), and captive screw connectors

Award-winning 10 year limited product warranty

- Ensures long-term product reliability and performance in residential and commercial systems

- Specify, purchase, and install with confidence