



OmniStream is an all-new AV over IP product family from Atlona for distributing 4K video, audio, and control over a standard Gigabit network. It delivers the performance and dependability of traditional AV distribution, with the virtually unlimited scalability, security, and cost efficiency of integrating over IP networks.

Throughout the industry, Dante is one of the most common ways of moving audio content across traditional IP networks. The Atlona AT-OMNI-232 allows you to integrate OmniStream into those environments. Bringing the ability to perform both stereo Dante encoding and decoding in a single box, the AT-OMNI-232 enables ultimate flexibility.

Atlona specifically developed OmniStream to address the many technological and practical challenges associated with converging video onto IP networks. OmniStream is designed to integrate easily into a new or existing Gigabit network infrastructure, and deliver the same reliability, performance, and quality expected of a baseband audio system.

Dante™ audio network interface integrates audio from sources such as PCs and microphones -

- Transmits and receives audio over the network using Dante, a very popular technology for delivering professional-grade audio over IP
- Audio can be conveniently processed and routed in systems with a Dante-equipped DSP

Standard Gigabit network infrastructure -

- Works with standard, off-the-shelf Gigabit managed switches from Cisco and others
- Can easily be integrated into existing network infrastructures

Design highly flexible and scalable AV system -

- No theoretical limitations on I/O size, switching capacity, or transmission distance
- “Virtual matrix” – can route any source to any destination, anywhere on the network
- Easily add sources, displays, and additional switches as needed

Balanced audio input/output

Power over Ethernet or external DC power

Variable input gain and output volume

Phantom power capable

Specifications

Audio

In/Out	Dante two channel
Input Level	+4 dBu nominal, +24 dBu no clipping
Output Level	+4 dBu nominal, +24 dBu no clipping
Frequency Response	20 Hz to 20 kHz \pm 5dB
Input Impedance	>1.8 k Ω
Phantom Power	+24V

Noise

THD+N	< 0.015% from 20 Hz to 20 kHz @ 45 dB gain
SNR	>90 dB unweighted

Distance

Max distance dependent on Network configuration

Temperature

Operating	0°C to 40°C	32°F to 104°F
Storage	-20°C to 60°C	-4°F to 140°F
Humidity	20 to 90% non-condensing	

Power

Consumption - Kit	3.1W
Supply (optional)	Input: AC 24VAC 50/60Hz Output: DC 24V 1.5A AT-PS-24250-L
SKU	AT-PS-24250-L

Dimension

H x W x D	27 x 164 x 88 (mm)	1.06 x 6.46 x 3.46 (inch)
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Weight

Device	0.37 kg	0.82 lbs
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Certification

Power Supply	CE, FCC, cULus, RoHS, CCC, RCM
Product	CE, FCC