

# IPUSBD-8 / IPUSBD-16

8 or 16 Channel USB Dante Network Audio Device



## Features

- Supports Audinate's Dante™ Digital Audio
- Compatible with AtlasIED GLOBALCOM.IP® Systems and 3rd Party Dante™ Devices
- Provides Redundant Ethernet Ports
- LED Indicator for Power
- Can Be Powered from 12V or 24V DC Supply

## Applications

The IPUSBD-8 / IPUSBD-16 may be used in conjunction with a server or third-party computer running the GLOBALCOM.IP software, and be used for playing pre-recorded messages, or for record and playback of mic station audio.

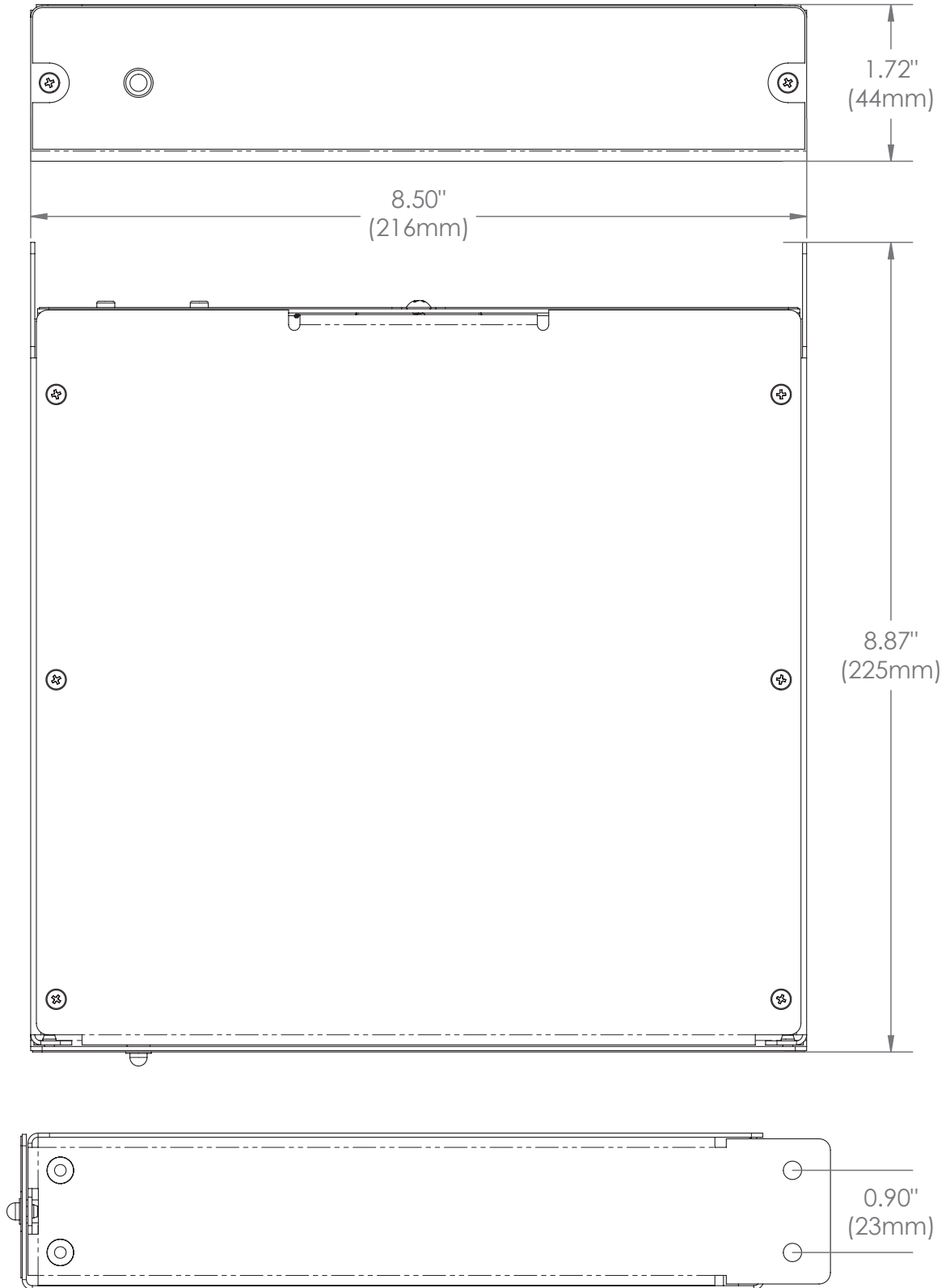
## General Description

The IPUSBD-8 / IPUSBD-16 Dante™ network audio device provides either 8x8 or 16x16 input / output channels of digital audio to / from a USB port of a host computer to Ethernet. The Ethernet connection is auto-negotiated 100/1000MB via redundant RJ-45 ports. The USB port is compatible with USB 3.0 and below with a maximum cable length of 3 feet. USB 2.0 or higher port is required for more than 8x8 channels simultaneously, due to bandwidth limitations of USB 1.0.

System	
Type	8 or 16 Channel USB Dante Network Audio Device
Capacities	
Dante™ Audio Inputs	8 or 16
Dante™ Audio Outputs	8 or 16
Connectors	
Ethernet / PoE	RJ-45, Qty 2 (Redundant)
USB Type B	Qty 1
Power	2-pin Lugless Compression-Type Screw Terminal
Controls and Indicators	
Power	Green LED, Qty 1
AC Power Requirements	
Voltage Requirement	12V or 24V DC
Max Power Draw	3W
Mechanical	
Dimensions (HxWxD)	1.75" x 8.5" x 8.9" (44mm x 216mm x 226mm)
Shipping Dimensions (HxWxD)	2.25" x 10.25" x 14.75" (57mm x 260mm x 375mm)
Unit Weight - lbs	3.25lbs (1.5kg) Individual Unit / 3.75lbs (1.7kg) Unit with Rack Ears
Shipping Weight - lbs	4.4lb (2kg)
Rack Mount Requirements	Rack-Mount Ears 1 RU
Cooling Fan	None

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Dimensional Drawings



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## Architect and Engineer Specifications

The Dante™ Network Audio Device (NAD) shall provide 8x8 or 16x16 I/O (input output) channels of Dante™ digital network audio to and from a USB port on a host computer to an Ethernet Network. The Network Audio Interface shall support the USB 1.0 standard for less than 8x8 channel implementations. The 2.0 and 3.0 USB Interfaces are reserved for 16x16 channel count.

Configuration of the Dante™ Network Audio Device NAD shall be via network connection to the System Management Control Center or via the Dante™ control software. Network connectivity shall be through dual redundant Ethernet ports located on the rear chassis.

The Dante™ Network Audio Interface is to be capable of being powered by an external 12/24V DC supply featuring removable Phoenix™ style connectors for easy installation. The unit is housed in a rugged 19" half rack mountable enclosure (standard rack width mounting kit shall be available).

The Dante™ Network Audio Interface shall be the AtlasIED IPUSBD-8 or IPUSBD-16.