

AxC-AES67 interface card

Low latency and expanded AES67 bridging capacities to power high-performance applications

Meet AxC-AES67, the new addition to the AxC cards range designed by AuviTran. Used in either AVBx3 or AVBx7 Audio ToolBox platforms, AxC-AES67 connects AES67 networks with any other audio or network protocol in the rack, expanding your capacities to build and bridge audio networks. Its performances make it the perfect fit for demanding applications, such as Studio Production, Live or Public Address.

Key Features

Fully compatible **RAVENNA/AES67** protocols

Full fallback analog or digital

One slot occupation of Audio ToolBox AVBx3 or AVBx7 platforms for increased applications

Up to **64** input channels and **64** output channels at 48kHz (32 in + 32 out at 96kHz) over AES67

One integrated switch featuring 4x gigabit ports

Two EtherCon connectors (Primary / Secondary) for connection in switch or redundant mode

Two Ethernet RJ45 connectors (ports 3 and 4) to be used as integrated gigabit switch ports

Remote management with AVS-Monitor software

PTPv2 Master or Slave, IEEE-1588-2008 standard

Support for industry standard **SMPTE 2110**

Support for **ST2022-7** Seamless Protection Switching

NMOS IS-04 and IS-05 support

Discovery, Configuration and Control via WebUI, NMOS, Ravenna, SAP, ANEMAN

AxC-AES67 Applications

Combined with other AuviTran Audio ToolBox cards, the AxC-AES67 opens exciting possibilities to professional audio systems:

Can be transformed into a **flexible analog StageBox** when combined with a ToolBox (AVBx3 or AVBx7), AxC-AX4M high class mic/line preamp cards and AxC-AX4O analog output card.



Build or address **complex audio systems** by bridging technologies: combine your AxC-AES67 to any other AxC card, such as AES67-Dante, AES67-AVB, AES67-MADI.

Can **operate as a Virtual Soundcard** with any standard ASIO, WDM or Core Audio interface.

Audio ToolBox Platform Overview

Smart, expandable and sustainable: meet AuviTran's versatile and flexible platforms that bring convergence among network technologies and audio interfaces.

With two 19" rack chassis, **AVBx3** and **AVBx7** are both available in StageBox or Installation mode. Add AxC cards among the AuviTran catalogue as you need to build your own configuration.

AVBx3 as Installation Mode



AVBx7 as StageBox Mode



AVS-Monitor and AES67 Software Control Page



General Technical Specifications

Power Supply

+12V / +3.3V - through AuviTran Audio ToolBox backplane

Temp/Humidity

Storage: -5°C to 70°C / 0% to 95%
(non-condensing)

Operating: 0°C to 45°C / 5% to 90%
(non-condensing)

Connectors

2 x Neutrik EtherCon RJ45-XLR female connectors
2 x RJ45 connectors

AES67 Operation Modes

Switch - Integrated gigabit switch
Redundant with Primary and Secondary ports,
replicated on ports 3 and 4

Audio Outputs

Up to 64 channels

Audio Inputs

Up to 64 channels

Sample Format

16/24/32 bits

Sample Rate

48kHz / 96kHz / 44.1kHz / 88.2kHz

Synchronization

Automatic from AES67 network or from Audio
ToolBox

Control and Monitoring Environment

AVS-Monitor

AVS-Monitor is a free Windows software that allows for the remote control and monitoring of all AuviTran devices, including all the AxC cards, as well as some Digigram PCIe interfaces cards.

Note that the routing on each AoIP network must be configured from the appropriate applications (Dante Controller, Hive, Milan Manager, Anemann, etc.).

Other Controllers

AxC-AES67 works with any AES67 controller available on the market.

Mechanical Specifications

200 x 100 x 40 mm: AuviTran Audio ToolBox platform AxC card format.

Part Number

AxC-AES67

AES67 card for AuviTran Audio ToolBox