

AxC-DS32IO interface card

8 stereo inputs, 8 stereo outputs and countless applications

The AxC-DS32IO provides high count AES/EBU digital inputs and outputs interface to the AuviTran Audio ToolBox platform. Just as every AxC card within the Audio ToolBox range, the **AxC-DS32IO** audio interface can equally be used in **AVBx3** or **AVBx7** platforms to seamlessly operate in Live concerts, live broadcast workflows or Installed Sound projects.

Key Features

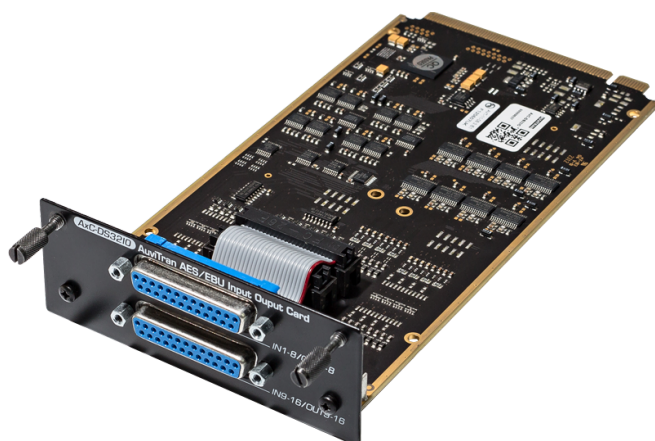
Up to **8 stereo AES/EBU digital inputs** and **8 stereo AES/EBU digital outputs** on two D-Sub 25 pins connectors (4 stereo AES/EBU digital inputs and 4 stereo AES/EBU digital outputs on each D-Sub connector).

High performance **Sample Rate Converter** available on each input (individually on/off) for solving multi-sampling rate input frequencies and synchronisation issues.

Clock Synchronization on each AES input.

Remote management with AVS-Monitor software.

Dedicated **control page** for monitoring and controlling all the card's parameters.

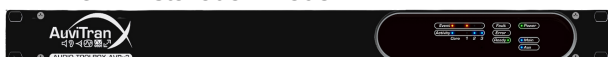


Audio ToolBox Platform Overview

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

With two 19" rack chassis **AVBx3** and **AVBx7** both available in StageBox or Installation modes, plus 20 interface cards, build the configuration you need.

AVBx3 in Installation Mode



AVBx7 in StageBox Mode



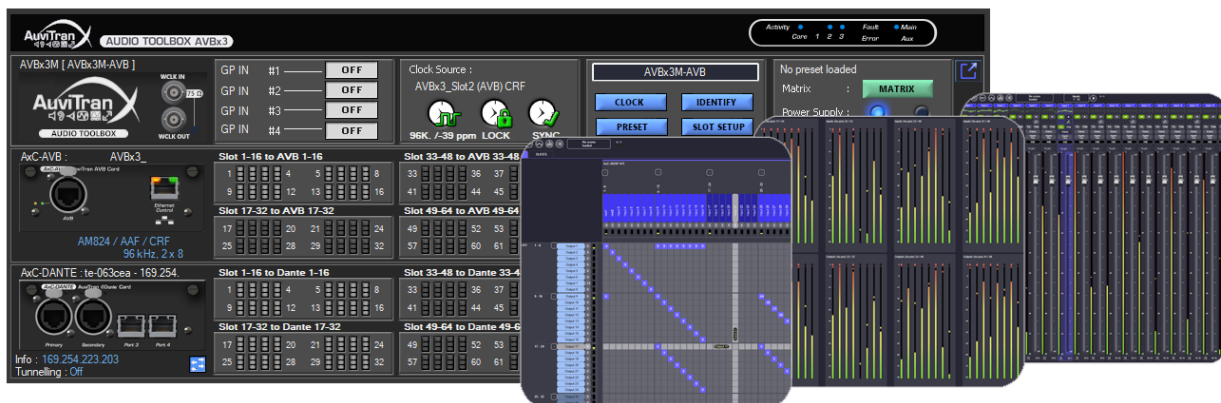
AxC-DS32IO Applications

Combined with other AuviTran Audio ToolBox cards, the AxC-DS32IO card opens exciting possibilities to professional audio systems.

Live applications (AVBx3/7 in Stage-box mode): live concerts, live broadcast studios and OB Vans, recording interface to Digital Audio Workstation (ProTools™ or equivalent)

Fixed installations (AVBx3/7 in Installation mode): recording interface to Digital Audio Workstation (ProTools™ or equivalent)

AVS-Monitor Software Control Page



Technical Specifications

General

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 50°C / 5% to 90% (non-condensing)

Connectors

2 x Female DB25 connectors (4 Stereo AES/EBU inputs and 4 Stereo AES/EBU Outputs on each DB25) with Yamaha pinout

Audio Inputs Specifications

Number of Inputs

8 Stereo AES/EBU digital inputs routed through the AuviTran Audio ToolBox backplane to the other cards

Sampling Frequency

44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz

Sampling Resolution

24 bits

Input Impedance

110Ω

Input Specification

AES balanced

Clock Synchro Sources

All AES Inputs

SRC (Sample Rate Converter)

Asynchronous SRC available on each input (individually on / off)

SRC Specifications

-140dB THD+N /
Frequency Range 8 kHz - 192 kHz

Audio Outputs

Number of Outputs

8 AES/EBU Stereo digital outputs routed through the AuviTran Audio ToolBox backplane from the other cards

Output Specification

AES Transformer balanced on XLR Male connectors (RS422)

Control and Monitoring Environment

Audio ToolBox Platform

AxC-DS32IO is one of the cards for the AuviTran Audio ToolBox platform

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.).

OS Supported

Windows 10/11

Mechanical Specifications

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

Part Number

AxC-DS32IO

AuviTran Audio ToolBox card for 8 Stereo AES/EBU digital inputs and 8 Stereo AES/EBU digital outputs