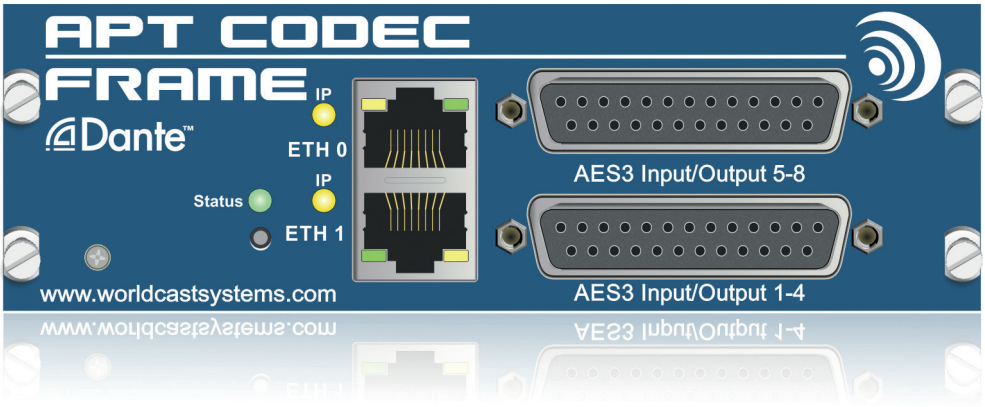
WorldCast Systems
apt > ecreso > audemat

APT

Dante™ Module



APT Dante Module
for Modular Codec Frame

THE DANTE/AES67 MODULE:

- **Supports native Audinate format (Dante) and AES67**
- **Fully supported by the Dante Controller**
- **Fits as a separate unit into the large slot of the 1U Frame**
- **Offers total capacity of 16 channels**
  can connect two fully loaded codec chassis to the Dante network
- **Does not affect Codec modules of Chassis Architecture**
  all Codec features and options – including SureStream – operate as normal
- **It is a multi-channel input/output interface for Dante or AES67 streams**
- **Routes Dante or AES67 streams to 16 AES3 signals using the Dante Controller**
  AES3 signals are presented as stereo signals and are standard conformal

Figure 1-1 shows the 1U Modular Chassis with the Dante Module populated

Technical Features

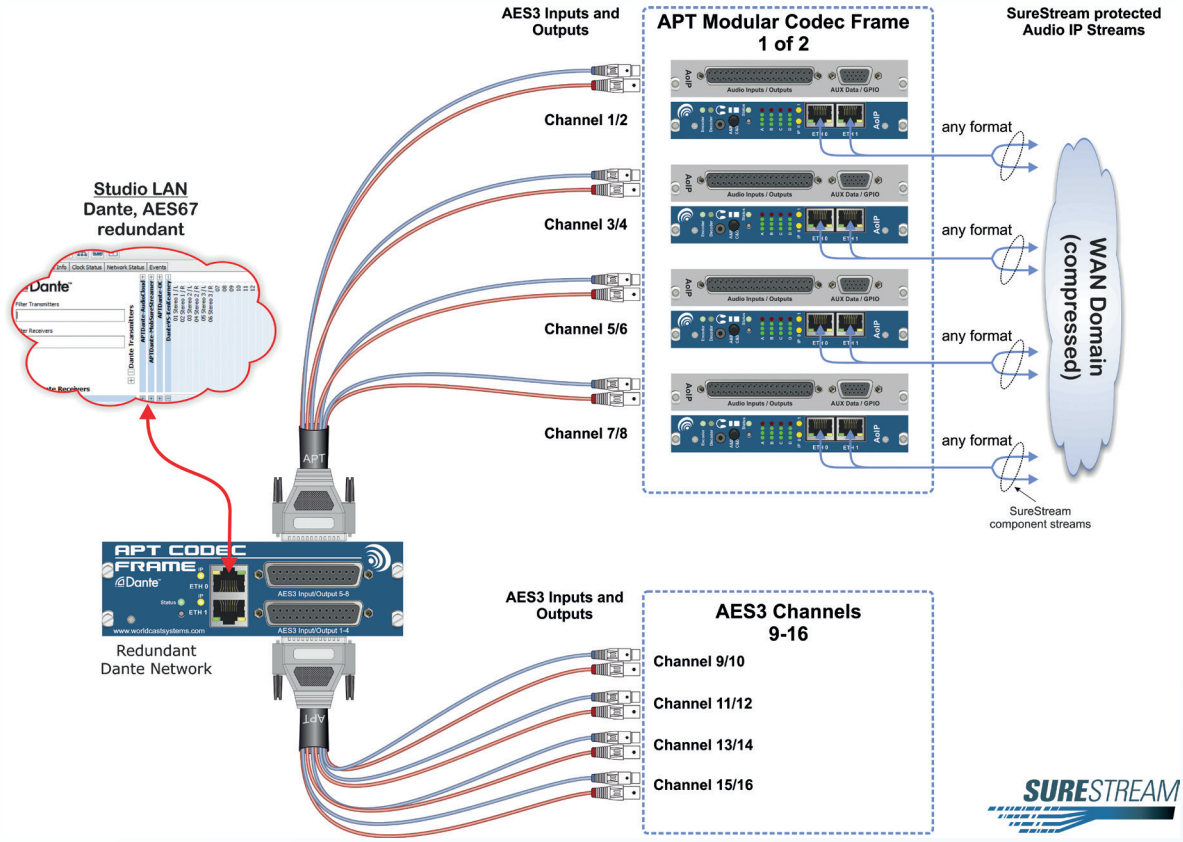


Figure 1-3 shows the principle of the network integration

Technical specification

Network	
LAN Audinate Dante	2x Ethernet interfaces 2x network address (DHCP only) Port speed: auto negotiation
Ethernet	IEEE 802.3x
IP Protocol	IPv4
ICMP	Supported
Casting Mode	Dante/AES67 standard (unicast/multicast)
IP Flows	16 channels UDP (Dante) and UDP/RTP (AES67)
Clock Mode	PTP (IEEE 1588)
Digital Audio	
N° of Channels	16 duplex mono channels, presented as AES3 stereo pairs
Interface Type	AES3
I/O Impedance	110
Sampling Rates	44.1/48/88.2/96/192 kHz – AES3 output always match the network rate. AES3 inputs at any rate, SRC resamples to the network sampling rate.
Physical	
Status LED	System status, network synchronization
Reset button	Resets the Dante Module

Audio Connections

To take full advantage of the Dante module's capacity, the AES3 signals are presented via two chassis-independent D-type connectors.

You can connect two fully populated codec chassis to the network with a single Dante module.

Network Connections

Dante supports redundant network connectivity.
The APT Dante Module uses this function, which enables a fully redundant signal routing from the LAN to the WAN.
APT's proven SureStream Technology provides redundant signal routing in the WAN.

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