

OMN-DANTEGTW Dante gateway

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Invented for life



- ▶ Combines multiple OMNEO devices into a single Dante™ interface
- ▶ Combines AES70 and standard Dante™ routing
- ▶ Supports AES67
- ▶ Combines RSTP redundancy with glitch-free redundancy
- ▶ Consolidates multicast traffic between networks

OMNEO offers a professional-grade media networking solution that uses Dante™ as one of the possible media transmission protocols while providing additional features such as encryption. The OMN-DANTEGTW makes it easier for system designers to take advantage of these unique OMNEO features and manage their network configurations with additional multicast management and RSTP network topologies when combining OMNEO and standard Dante™ networks.

Functions

The Dante gateway:

- Combines multiple OMNEO devices into a single Dante™ interface.
- Receives 64 Dante™ streams and sends them as 64 OMNEO streams, of which 16 can be encrypted.
- Receives 64 OMNEO streams, of which 16 can be encrypted, and sends them as 64 Dante™ streams.
- Converts multiple OMNEO encrypted flows with a single unicast or multicast stream into a Dante™ flow with multiple unicast or multicast streams.
- Supports static routing with Dante Controller on the Dante™ side and dynamic routing (AES70) on the OMNEO side.
- Allows glitch-free redundancy on the Dante™ side and RSTP redundancy on the OMNEO side.

- Enables use of Dante Domain Manager™ in combination with OMNEO systems.

Parts included

Quantity	Component
1	OMN-DANTEGTW Dante Gateway
1	Set of 19" rack mounting brackets (pre-mounted)
1	AC/DC power supply adapter. Including: AC plug-AU, AC plug-UK, AC plug-EU, AC plug-US, GE24I48-R7B
1	Quick Installation Guide

Technical specifications

Audio streams	64 in both directions
Sampling rate	48 kHz
Audio	24-bit
Audio encryption	16 streams in both directions

Electrical

Supply voltage (PSU)	100-240 Vac 50-60 Hz in 48 Vdc
Input voltage	12-48 Vdc
Power consumption	10 W

Mechanical

Mounting	Mounted in a 19" rack
Dimensions (WxHxD) with mounting brackets Rack unit	483 mm x 44 mm x 400 mm (19 in x 1.75 in x 15.7 in.) 19 in., 1U
Case: Material Color	Steel RAL9017

Mechanical

Frame: Material Color	Zamak RAL9022HR
Weight	6.14 kg

Environmental

Operating temperature	-5 °C to +50 °C
Storage and transport temperature	-30 °C to +70 °C
Relative humidity	5% to 98% non-condensing

Ordering information**OMN-DANTEGTW Dante gateway**

Interface between an OMNEO and a Dante™ network.
Order number **OMN-DANTEGTW**

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