

Luna Edge M / F / U

Compact Dante I/O Interfaces



Plug-and-Play Dante Interoperability

Product Overview

Bring Dante Connectivity to the Edge of Your Workflow

The Luna Edge Series provides simple, compact, and reliable Dante connectivity at the point of use. Whether you're integrating microphones, powered speakers, or software audio applications, Luna Edge makes it easy to connect analog or USB audio to a Dante network with minimal hardware and maximum flexibility.

Available in three models — Luna Edge F (XLR Female), Luna Edge M (XLR Male), and Luna Edge U (USB) — each device offers plug-and-play Dante interoperability, PoE power, and ultra-low latency for streamlined installation in conference tables, classrooms, dispatch desks, AV racks, and portable kits.

Key Features

- Compact, durable metal chassis
- Plug-and-play Dante™ / AES67 connectivity
- Configurable latency (1, 2, or 5ms) via Dante Controller
- 24-bit / 48kHz high-resolution audio conversion
- Supports IP address and device name display
- PoE-powered (802.3af / 802.3at) — no external power required (USB-powered for Luna Edge U)
- Ultra-low noise floor (–90dBu), THD+N < 0.003%
- LED indicators for signal status and power
- Rugged, road-ready design for fixed or portable use

Specifications

Luna Edge M

Input interface	1 RJ45, transmitting 2 channels of Dante network audio
Output interface:	2-channel three-pin XLR male connector
Power Consumption	<1W
Maximum Signal Level (Balanced)	18dBu
Frequency Response	20Hz~20KHz, ± 0.5 dB
Impedance	110 Ω (Balanced)
Dynamic Range	>100dB
Signal-to-Noise Ratio	>100dB
THD+N	<0.003%@4dBu, 1KHz
Power Supply	802.3af、802.3at Standard POE switch
Sampling Rate	48kHz
Bit Depth	24-bit
Operating Temperature	-10 $^{\circ}$ C ~+40 $^{\circ}$ C
Operating Humidity	5%~95%RH, No condensation
Dante Device Latency	1、2 or 5ms (Configurable using Dante Controller)
Network Transmission	Dante IP/AES67/RTP Audio
Noise Floor	-90dBu
Product Dimensions (LxWxH)	98mmx72mmx40mm
Weight	0.2kg

Specifications

Luna Edge F

Input interface	2-channel three-pin XLR female connector
Output interface	1 RJ45, transmitting 2 channels of Dante network audio
Power Consumption	<1W
Maximum Signal Level (Balanced)	18dBu
Frequency Response	20Hz~20KHz, ± 0.5 dB
Impedance	20K Ω (Balanced), 10K Ω (Unbalanced)
Dynamic Range	>100dB
Signal-to-Noise Ratio	>100dB
THD+N	<0.003%@4dBu, 1KHz
Power Supply	802.3af、802.3at Standard POE switch
Sampling Rate	48kHz
Bit Depth	24-bit
Operating Temperature	-10 $^{\circ}$ C ~+40 $^{\circ}$ C
Operating Humidity	5%~95%RH, No condensation
Dante Device Latency	1、2 or 5ms (Configurable using Dante Controller)
Network Transmission	Dante IP/AES67/RTP Audio
Noise Floor	-90dBu
Product Dimensions (L×W×H)	98mm×72mm×40mm
Weight	0.2kg

Specifications

Luna Edge U

Input interfaces	1 USB interface; 1 RJ45, transmitting 2 channels of Dante network audio
Output interfaces	1 RJ45, transmitting 2 channels of Dante network audio; 1 USB interface
USB Specification	≥ USB 2.0
Power Supply	USB Interface
Sampling Rate	48kHz
Bit Depth	24-bit
Noise Floor	-90dBu
Operating Temperature	-10°C ~+40°C
Operating Humidity	5%~95%RH, No condensation
Dante Device latency	1、 2 or 5ms (Configurable using Dante Controller)
Network Transmission	Dante IP/AES67/RTP Audio
Product Dimensions (L×W×H)	98mm×72mm×40mm
Weight	0.2kg
Package Dimensions (L×W×H)	145mm×145mm×80mm