

Overview

The HY256-TL is a digital I/O card that supports Yamaha's TWINLANE audio network protocol. Up to 256 simultaneous input and output channels at 96 kHz/32 bits are available, and multi-mode fiber connections ensure reliable operation. Data can be reliably transferred between cards over distances of up to 300 meters.



Features

- Can send/receive uncompressed digital audio signals of 32-bit 96 kHz quality, with a maximum of 256 inputs/256 outputs.
- Redundant connections are supported with ring topology.
- Indicators show communication status useful for troubleshooting.
- Recommended cable: Neutrik opticalCON DUO multi-mode fiber
- Dimensions (W x H x D): 125 x 37 x 207 mm
- Net Weight: 0.25 kg

Specifications

General Specifications

Measured with an RPi0622

Sampling Frequency

	Conditions	Min.	Typ.	Max.	Unit
Frequency Range	Fs=44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz	-1000	-	+1000	ppm

Temperature Range

	Conditions	Min.	Typ.	Max.	Unit
Temperature Range	Operating Temperature Range	0	-	40	°C
	Storage Temperature Range	-20	-	60	°C

Digital Input/Output Characteristics

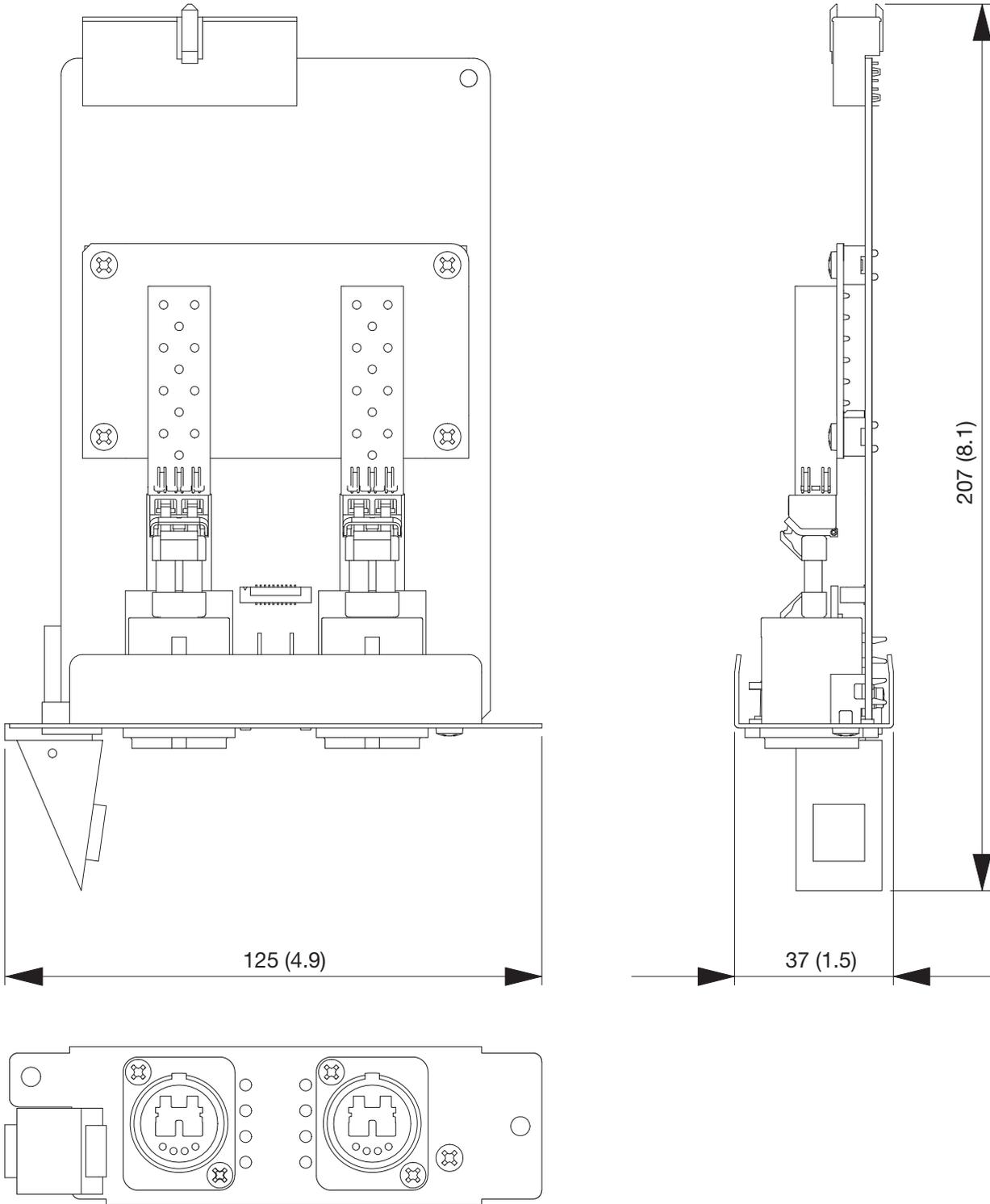
Terminal	Format	Audio Data Length	Transmission Rate	Number of Channels	Cable Length (Max.)	Connector
TWINLANe IN/OUT	TWINLANe	32 bit	2.125 Gbps Optical	256 in/256 out	300m	OpticalCON

Others

Dimensions (W x H x D), Weight	125mm x 37mm x 207mm (4.9" x 1.5" x 8.2"), 0.25kg (0.6lbs)
Accessories	Owner's Manual

Dimensions

Unit: mm (inch)



Architectural and Engineering Specifications

The Yamaha HY256-TL shall be an Audio Interface Card for use with the Yamaha RIVAGE PM Digital Mixing System. The HY256-TL shall send/ receive uncompressed digital audio signals of 32-bit 96 kHz quality with a maximum of 256 inputs/256 outputs. Redundant connections are supported with ring topology. Dimensions shall be 125 (W) x 37 (H) x 207 (D) mm. Weight shall be 0.25 kg.

*All information subject to change without notice.

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