

DOUG FLEENOR DESIGN

Single port DMX/Ethernet interface

Model: NODE1
technical data sheet



The NODE1 is a single gang wall mount Ethernet to DMX interface. It has zero boot time and accepts E1.31 sACN, draft sACN, Art-Net, Strand ShowNet, or KiNET. The single DMX port can be configured as either an input or output. Configuration is done using any web-browser (Internet Explorer, Firefox, Safari, Chrome, etc.). Powered by Power over Ethernet (PoE), the NODE1 requires only a single cat5 cable for power and signal.

SPECIFICATIONS

Power input:	802.3af PoE (Power over Ethernet), 3W
Color:	Black
Size and weight:	Faceplate: 4.5"H × 2.75"W Rear: 2.75"H × 1.75"D × 1.6"W, ½ pound
Min box size:	3.875"H × 2.75"D × 1.75"W

ETHERNET SPECIFICATIONS

Ethernet circuit:	100BASE-TX Fast Ethernet, MDIX, and Auto Negotiation
Network protocols:	E1.31 sACN, draft sACN, Art-Net, Strand ShowNet, KiNET
Connector:	RJ45
Isolation:	1500 Volts

DMX PORT SPECIFICATIONS

DMX circuit:	EIA-485 transceiver with 120 ohm fail-safe termination between Data+ and Data- NOTE: This product uses slew-rate-limited output drivers. Slew-rate-limited drivers minimize EMI and reduce reflections.
Input signal:	0.2 Volts minimum, 12 Volts maximum
Output signal:	1.5 Volts (minimum) into 120 ohm termination
Connectors:	Gold plated 5 pin XLR (typically female connector, male on request)
Port protection:	+60V continuous, +15KV transient

Doug Fleenor Design, Inc.

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DOUG FLEENOR DESIGN

Limited Manufacturer's Warranty

Products manufactured by Doug Fleenor Design (DFD) carry a five-year parts and labor warranty against manufacturing defects. It is the customer's responsibility to return the product to DFD at the customer's expense. If covered under warranty, DFD will repair the unit and pay for return ground shipping. If a trip is necessary to the customer's site to solve a problem, the expenses of the trip must be paid by the customer.

This warranty covers manufacturing defects. It does not cover damage due to abuse, misuse, negligence, accident, alteration, or repair by other than by Doug Fleenor Design.

Most non-warranty repairs are made for a fixed \$50.00 fee, plus shipping.

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