

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 ArtNet (version 3 or prior), streaming ACN (ANSI E1.31, Net3) or draft streaming ACN protocol. The single DMX port can be configured as either an input or output. Configuration is done using any web-browser (Internet Explorer, Firefox, Safari, etc). Powered by Power over Ethernet (POE) the NODE1 requires only a single cat5 cable for power and signal.

The NODE1, like all Doug Fleenor Design products, has a five year manufacturer's warranty.



MAIN SPECIFICATIONS

Power input: Power over Ethernet, POE (802.11af), 3W
Color: Black
Size and weight: Faceplate 4.5" H x 2.75" W, Rear of the Unit 2.75" H x 1.6"W x 1.7"D, ½ Lb
Min Box Size: 3.875" H x 1.75" W x 2.75" D

ETHERNET SPECIFICATIONS

Ethernet circuit: 100BASE-TX Fast Ethernet, MDIX, and Auto Negotiation
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.

396 Corbett Canyon Road
Arroyo Grande, CA 93420
(805) 481-9599 voice and FAX
(888) 4-DMX512 toll free (888) 436-9512
web site: <http://www.dfd.com>
e-mail: info@dfd.com