



NetDMX-PoE

Ethernet-DMX Bridge

Product Features

Versatility

The SmartShow NetDMX-PoE is an Art-Net/sACN(E1.31) to DMX512 interface, that can be powered directly from PoE (Power-over-Ethernet), or from a USB-C connection. Alternatively the device can be configured to convert one or up-to four universes of Art-Net/sACN data to pixel data. When set to one universe pixel mode, 5V power is made available at the XLR (pin 5) to power a limited number of pixels.

Networking / Input

The NetDMX-PoE can receive up to four Art-Net or sACN(E1.31) Universes (2048 channels) via its Integrated/isolated 10/100 Ethernet network port.

sACN/E1.31 Multicast (DMX Mode Only)

The NetDMX-PoE can receive Multicast sACN network as long as your switch is configured to properly forward multicast packets, this typically involves enabling IGMP snooping.

Output Port

A high quality metal 5-pin XLR is used for the DMX, Pixel data and 5V power output.

Clear status Indication

A Red/Blue mode LED on the end panel provides data status and IP display on powerup. A Yellow PoE LED on the end panel shows when PoE power is available.

Designed for tough environments

Tough and durable extruded aluminium, steel and glass-fibre construction.

Easy to set-up integrated WebUI

A Full User Guide is available directly from the WebUI homepage, along with device configuration settings for IP Address, Operating Mode, Protocol, DMX Speed and Pixel Settings

Visit smartshow.lighting for more information

Product Specifications

Power Input	5V DC input via USB-C port PoE: meets IEEE802.3af PoE standard
Power Consumption	DMX and 4U Pixel Mode : 125mA 1U Pixel Mode can supply up to 1A/5V at XLR Pin 5 output
Network	RJ45 10/100 Ethernet Network Port Art-Net II/III/IV Unicast (DMX and Pixel) Streaming ACN (sACN/E1.31) Unicast (Pixel) Streaming CAN (sACN/E1.31) Multicast (DMX)
XLR Port Output	Pin 1 : Signal Common Pin 2 : DMX512 Data - (DMX Mode only) Pin 3 : DMX512 Data + (DMX Mode only) Pin 4 : Pixel Data Output (1U/4U Pixel Modes only) Pin 5 : 5V Pixel Power output (1U Pixel Mode only)
Supported Pixels	One-Wire Pixels: GS8208, SK6812RGB, SK6812RGBW, UCS2903, UCS2904, WS2811, WS2812, WS2812B, WS2813, WS2815
Dimensions	73mm length, 37mm wide, 31mm high.
Weight	90g
Temperature Range	In Use: -10°C to 70°C Storage: -20°C to 85°C
IP Rating	IP20
Product Compliance	Conducted Emissions: TBA Radiated Emissions: TBA Electrostatic discharge: TBA General Product Safety Regulations 2005 (GPSR) RoHS 2011/65/EU
Warranty	Two year limited manufacturer's warranty from date of purchase
Contact Details	SALES: sales@smartshow.lighting ACCOUNTS: accounts@smartshow.lighting

