DIN-SACN-DMX

ENTTEC® DIN Ethergate Mk2 – Ethernet to DMX Converter

- *Converts between DMX512A and sACN, Art-Net, and ESP protocols*
- *Enables distribution of DMX over a Ethernet or Wi-Fi® network*
- *Enables control of DMX lighting fixtures and systems by Crestron devices*
- *Supports a single universe Ethernet to DMX node in output mode*
- *Supports a single universe DMX to Ethernet node in input mode*
- *Supports broadcast or unicast (unicast in input mode only)*
- *Supports HTP/LTP merging of up to two DMX sources (output mode only)*
- *Supports RDM over Art-Net*
- *Easy web browser-based setup and firmware updates*
- *Pass-through Ethernet port*
- *4U 72 mm DIN rail mountable*
- *PoE or 12-24VDC powered (power supply not included)*

The Crestron DIN-SACN-DMX (sold by ENTTEC as model DIN Ethergate Mk2) is a cost-effective and reliable Ethernet to DMX convertor. It supports sACN, Art-Net, and ESP protocols, and integrates DMX and network controllable lighting devices and systems. As part of a Crestron architectural lighting system, it allows a 3-Series® or 4-Series™ control processor to communicate via sACN with any DMX lighting fixture or controller.

The DIN-SACN-DMX's electrically insulated housing supports TS35 DIN and surface mounting for fast installation. In addition, pluggable terminal blocks with an inbuilt termination line make wiring simple.

Specifications

Protocols

Ethernet	sACN, Art-Net, ESP, RDM
DMX	USITT DMX512-A, ANSI E1.20 RDM

Connectors

OUTPUTS	(2) 4-pin 5.1 mm detachable terminal blocks; DMX output or input
POWER	(1) 2-pin 3.5 mm detachable terminal block; 12-24VDC power input
ETHERNET IN	(1) 8-pin RJ-45 connector, female; 10BASE-T/100BASE-TX Ethernet LAN port
ETHERNET THROUGH	(1) 8-pin RJ-45 connector, female; 10BASE-T/100BASE-TX Ethernet pass-through LAN port

Controls and Indicators

Status LED	(1) LED, indicates operational status
LINK	(1) LED, indicates Ethernet link status
ACT	(1) LED, indicates Ethernet activity
RESET	(1) Recessed push button for hardware reset

Power

DC Power	12-24V operation, 7W; Power supply not included
Power over Ethernet	IEEE 802.3af

Environmental

Temperature	32° to 122°F (0° to 50°C)
Humidity	5% to 95% (noncondensing)

Construction

Housing	ABS Plastic
Mounting	TS35 DIN-Rail mount, occupies four DIN module spaces (72 mm)

Dimensions

Height	1.22 in. (31 mm) without mounting clip; 1.46 in. (37 mm) with mounting clip
Width	3.10 in. (78 mm)
Depth	3.95 in. (100 mm)

Weight

3.8 oz (109 g)

CRESTRON

Model

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Available Accessories

For a list of available accessories, visit the DIN-SACN-DMX product page.

3.95 in.
(100 mm)

3.66 in.
(93 mm)

0.79 in.
(20 mm)

3.10 in.
(78 mm)

1.46 in.
(37 mm)

0.98 in.
(25 mm)

1.22 in.
(31 mm)

1.89 in.
(48 mm)

1.28 in.
(33 mm)