



## Storm 8 – Datasheet

Compact 8 universe DMX over Ethernet to DMX Converter.



ENTTEC's STORM 8 is a compact, output only, DMX-Ethernet gateway allowing DMX fixtures to be connected to an ethernet infrastructure. Converting sACN, Art-Net or ESP protocol to 8 Universes of DMX. To provide as many outputs as possible within a 1U half-width rack device, the STORM 8 outputs fully compliant DMX using RJ45 outputs, Cat5e/Cat6 cable can be wired to a standard DMX plug either locally to the STORM 8 or at the first fixture. Using RJ45 cables instead of DMX cable can prove cheaper and more efficient especially on long term installations.

The STORM 8's robust 1U half-width hardware is enhanced by a mains input and an intuitive web interface. In addition, it features front LED indicators showing the status and connectivity of each unit, making installations both simple and fast.

The STORM 8 also allows merging of up to two Ethernet-DMX sources via HTP or LTP, providing additional flexibility without the need for other hardware.

### Features

- 8 Universe Ethernet to DMX Node
- 8 DMX (RJ45) data output ports
- Easy to update & configure through any web browser
- Supports sACN, Art-Net and ESP
- 1 RJ45 Ethercon connector (10/100 Mbps)
- Static or Dynamic (DHCP) IP configuration (DHCP by default)
- Supports DMX512/1990.
- Refresh rate is configurable for each DMX output.
- Each DMX output can be assigned up to one Ethernet Universe.
- Each DMX output can be configured to enable or disable merging HTP/LTP.

## Specification

Connectors	8* DMX output (RJ45)		
	1* Power Input (IEC)		
	1* Ethernet (RJ45)		
IP rating	IP20		
LED indicators	Yes		
Input protocol	Art-Net	sACN	ESP
Data output type	USITT DMX512/1990		
Max. output channel	4096 (8 Universes)		
Max. output refresh rate	40FPS		
Bi-Directional	No: Output only		
RDM	No		
Max. merging sources	2 Sources		
Configuration software	Web Browser		
Firmware updates	Web Browser		
Input Voltage	85 – 264V AC		
Input Frequency	47 - 63Hz		
Cooling Method	Convection		
Environmental operating temperature	0°C to 50°C 32°F to 122°F		
Environmental operating humidity	5- 95% (non-condensing)		
Body material	Folded Aluminium		
Unit dimensions	215*128.5*42.7mm		
Unit weight	0.75kg / 1.65 lbs		
Shipping dimensions	282*218*127mm		
Shipping weight	1.45kg / 3.19lbs		
Warranty	1 year return to base manufacturer warranty		

## Certification



## Box contents

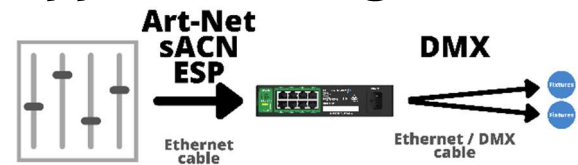
- STORM 8
- Ethernet Cable
- IEC cable

## DMX connectors

RJ45 DMX OUTPUT:

- Pin 1: Data +
- Pin 2: Data -
- Pin 7: Ground

## Application diagram



## Safety

- This unit is intended for indoor use only. Do not expose to rain or moisture, doing this will void the warranty.
- Make all the connections before you plug in the mains power.
- Do not remove the cover, there are no serviceable parts inside.
- Never plug this unit into a dimmer pack.
- Always be sure to mount this unit in an area that will allow 6" (20 cm) of ventilation.
- Power-supply cords should be routed so that they are not likely to be walked on or strain put on the device's ports.

## Ordering information

For further support and to browse ENTTEC's range of products visit the [ENTTEC website](https://www.enttec.com).

Item	SKU
STORM 8	70055
RJ45 (MALE) to XLR-5 (FEMALE) -1m	70053

# enttec.com

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Due to constant innovation, information within this document is subject to change.