



# STORM 24 – Datasheet

Ethernet to 24 DMX Output converter



ENTTEC's STORM 24 is a 24-port Ethernet gateway allowing DMX fixtures to be connected to an ethernet infrastructure.

Storm 24 converts ethernet (eDMX) protocol to 24 Universes of DMX. To provide as many outputs as possible, STORM 24 outputs fully compliant DMX using RJ45 outputs, Cat5e/Cat6 cable can be wired to a standard DMX plug either locally to the STORM 24 or at the first fixture. Using RJ45 cables instead of DMX cable can prove cheaper and more efficient especially on long term installations.

STORM 24's can receive sACN, Art-Net, ESP & KiNet and merge multiple sources. All configuration is undertaken using an intuitive web interface. LCD and buttons on device offers basic function such as changing profile, DHCP/static IP setup, checking status, factory reset & restart.

Stream Auditor feature allows Storm 24 to monitor DMX values in real time and other information for troubleshooting, available through web interface.

## Features

- **24\* RJ-45 ports (each providing 1 Universes of DMX output)**
- **24 Universe Ethernet to DMX over Cat5e/Cat6 cable**
- **1U Rack form factor**
- **Easy to setup & update through any web browser**
- **Supports sACN, Art-Net, ESP and KiNet.**
- **Static or Dynamic (DHCP) IP configuration (DHCP by default)**
- **DMX refresh rate configurable for each port (1Hz ->44Hz)**
- **Break time configurable for each DMX port (88us to 1ms)**
- **Mark After Break configurable for each DMX port**
- **Graphical User Interface for creating and editing ports is flow-chart oriented and documents data flows as you configure it.**
- **Number of channels configurable for each port (1 to 512)**

## Specification

Connectors	24* PLINK Output (RJ-45)	
	1* LAN port (RJ45)	
	1* RS232 Port (un-used)	
	2* USB Ports (un-used)	
IP rating	IP20	
LCD Functionality	Status, Profiles, Settings	
Input Protocol	Art-Net	sACN
	KiNet	ESP
Data Output	USITT DMX512/1990	
Max. Output channel	12,288 (24 Universe)	
Input Voltage	85-264V AC	
Input Frequency	47-63Hz	
Power Consumption	20W	
Configuration & Update	Web Interface	
Cooling Method	Passive	
Max. Output Refresh Rate	40FPS	
Environmental Operating Temperature	0°C to 50°C 32°F to 122°F	
Environmental Operating Humidity	5- 95% (non-condensing)	
Body Material	Powder coated & anodized aluminium	
Unit Weight	1.60kg / 3.53lbs (2019 and later)	
Shipping Dimensions	516 * 288 * 125 mm	
Shipping Weight	2.10kg / 4.63lbs	
Warranty	3-year return to base manufacturer warranty	

## Certification



## Box contents

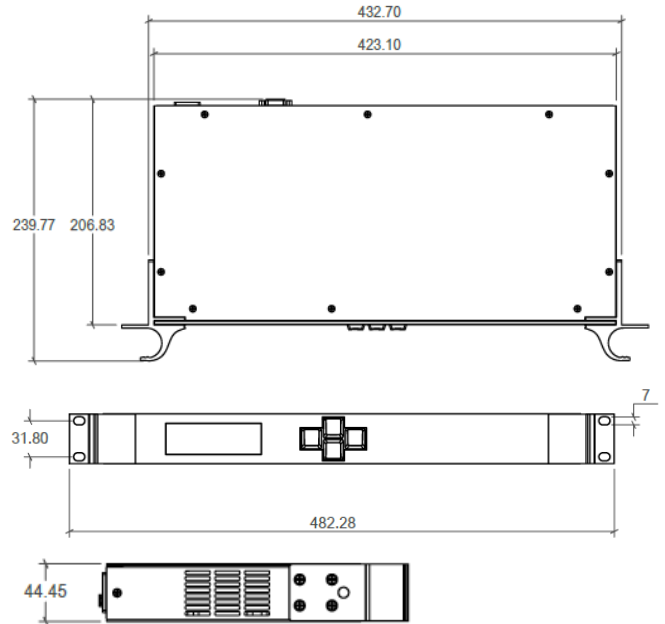
- Storm 24
- Ethernet Cable
- IEC cable (included & packaged separately)

## Connector pin out

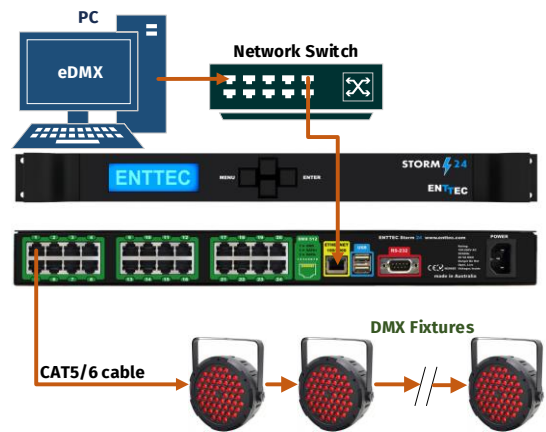
- Pin 1: Data +
- Pin 2: Data -
- Pin 7: Ground

Pin numbering in accordance with ANSI E1.27-2

## Physical Dimension



## Application Diagram



## Safety

- This unit is intended for indoor use only.
- Do not expose the unit to rain or moisture, doing so will void the warranty.
- Do not remove the cover, there are no serviceable parts inside
- Do not block or cover ventilation on this device.
- Ensure proper earth connections.
- Always be sure to mount this unit in area that will allow proper ventilation. Allow about 6" (20cm) between this device and a wall.

## Ordering information

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

Item	SKU
STORM 24	70050

# enttec.com

MELBOURNE AUS / LONDON UK / RALEIGH-DURHAM USA

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