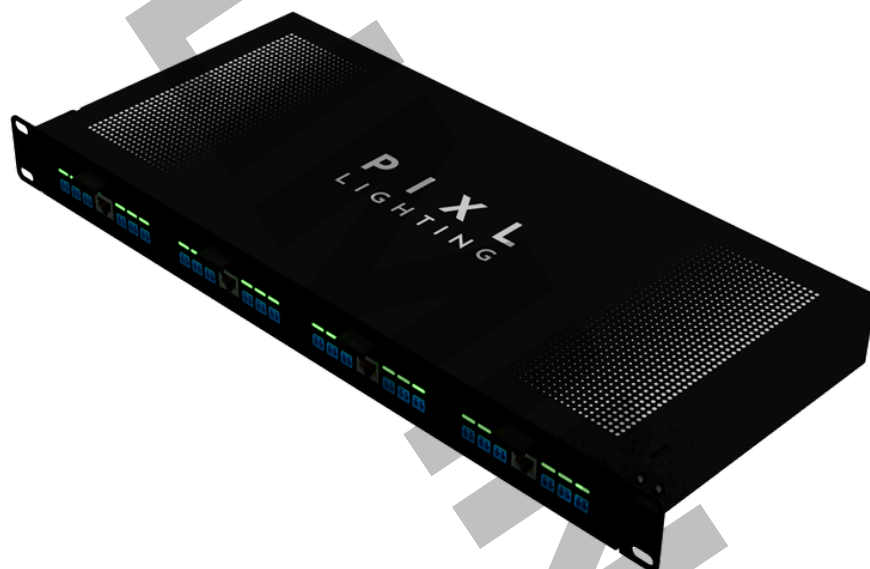




PixlRack™

PixlRack by PIXL Lighting is a high-performance control system purpose-built for seamless integration with PIXL Lighting fixtures. Engineered to handle demanding installations, **PixlRack** translates Art-Net or sACN data into PIXL Lighting's proprietary **PixlCore™** protocol, ensuring flawless, real-time communication and synchronization.

Each 1U 19" rack-mounted unit supports up to 1053.6 DMX universes across 24 independent fixture runs, dramatically simplifying large-scale deployments while maximizing data throughput. Designed for centralized control, scalable expansion, and clean system integration, **PixlRack** delivers unmatched reliability and processing power in a compact form factor.



FEATURES

DMX Universes per **PixlRack**:

- 24 fps: 1053.6 DMX universes
- 44 fps (DMX equivalent): 571.2 DMX universes
- 60 fps: 417.6 DMX universes

Construction:

- Fits 1U on a standard 19" rack
- Powder coated steel housing
- Weight: 2 kg (4.4 lbs)

Certifications:

- Designed to meet or exceed UL 8750
- IP40

Input:

- Art-Net or sACN into **PixlRack**
- Input voltage range of 120-277 V AC, 50/60 Hz

Output:

- Up to 24 **PixlCore** outputs
- Max. power consumption: 25 W

Operating Temperature:

- -40°C to +50°C (-40°F to +122°F)
- Inherent overtemperature protection

Country of Manufacture: Canada

Warranty: 5 Years

PIXL LIGHTING



PixlRack™

ORDERING OPTIONS

Product	Input Protocol	Outputs
PIXLRACK	ARTN - Art-Net SACN - sACN	6 - 6 OUTPUT 12 - 12 OUTPUT 18 - 18 OUTPUT 24 - 24 OUTPUT

DMX UNIVERSES

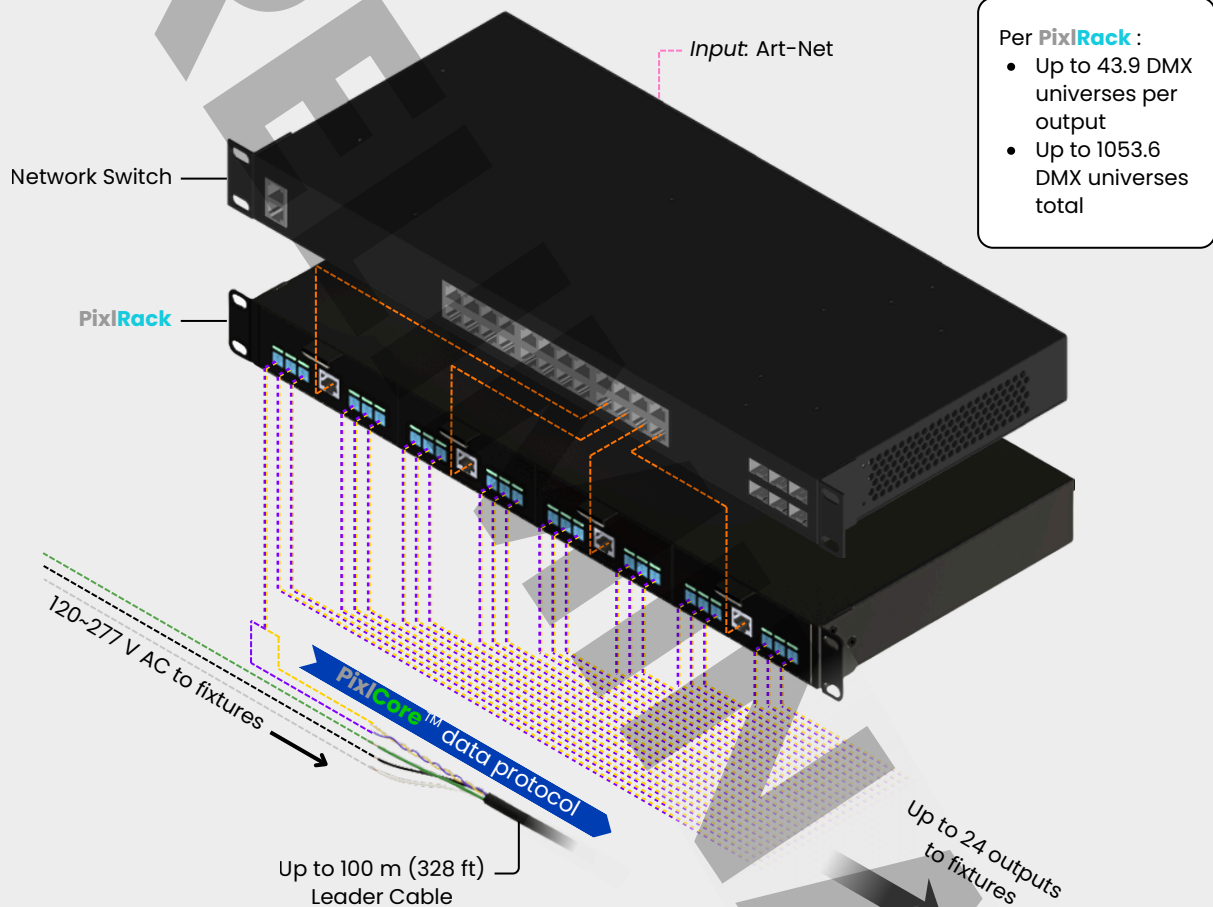
Frame Rate	Max. DMX Universes per Run	Max. DMX Universes per PixlRack
24 fps	43.9 DMX universes	1053.6 DMX universes
30 fps	35 DMX universes	840 DMX universes
44 fps (DMX equivalent)	23.8 DMX universes	571.2 DMX universes
60 fps	17.4 DMX universes	417.6 DMX universes
120 fps	8.5 DMX universes	204 DMX universes



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PixlRack™

TYPICAL SYSTEM DIAGRAM



PIXL LIGHTING