

SpiNode

The SpiNode is a high-performance eDMX node designed for LED pixel control. It translates Art-Net and sACN into four independent SPI outputs, each capable of driving up to 1,024 pixels with a maximum of 6 DMX universes per port. The total system capacity reaches 24 DMX universes across all outputs.

The SpiNode supports a wide range of SPI protocols, including WS2812, SK6812, APA102, WS2811, and many others. The device operates on a 9-24V DC power supply, making it suitable for various installation environments.

Beyond standard eDMX functionality, the SpiNode offers enhanced capabilities when paired with the Visual Productions CueCore3. It unlocks 16 additional universes in the CueCore3, and by adding a second SpiNode, the total capacity can be expanded to 32 universes per CueCore®.

The SpiNode features a web-based interface that provides an intuitive and user-friendly configuration environment. Built-in test functions assist with system setup by identifying universe boundaries, mapping individual LEDs for easy configuration, and detecting faulty LEDs for troubleshooting.

SPECIFICATIONS

- 100Mbps Ethernet port
- Programming via web-interface
- 4 x SPI port
- Art-Net
- sACN
- Power over Ethernet (class I)
- 9-24V DC 500mA (PSU optional)
- Operating temperature -20°C to +50°C (-4°F to 122°F)
- Bundled with vManager software
- Unlocks 16 universes in CueCore3
- Compliance: CE, ROHS, UKCA

