SpiNode 4-port SPI converter from Visual Productions

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The SpiNode is a 4-port SPI controller engineered to effortlessly translate Art-Net and sACN into SPI, bridging the gap between lighting control and pixel-mapped installations. Designed for versatility, the SpiNode supports all major SPI chip protocols ensuring compatibility with virtually any LED fixture or custom rig. Additionally, its compact DIN Rail form factor makes it ideal for permanent installations, and dynamic architectural lighting projects.

Master every SPI project

This powerhouse device features an intuitive graphical web interface with built-in test functions, enabling lightning-fast configuration of data routing, channel mapping, and port behaviour. This will be crucial for the commissioning process, helping to easily identify universe boundaries, individual LED positions for seamless mapping, and potential faulty LED issues.

Unlock CueCore3’s full potential

When integrated with the CueCore3, the SpiNode expands your creative palette with 16 additional universes of control, transforming it into a cornerstone of highdensity LED and pixel-driven environments. It is possible to attach up to 2 SpiNodes to CueCore3, possibly unlocking up 32 universes, offering unparalleled flexibility for large-scale installations.

Test like a pro

Through its web-interface, the SpiNode offers a user friendly setting interface and test functions to assist the user during the commissioning process. These test

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functions help to easily identify universe boundaries, individual LED positions for an easy mapping and possible faulty LED issues.

Specifications

- Ethernet port
- Programming via web-interface
- 4 x SPI port
- Art-Net
- sACN
- Power 5-24V DC 500mA (SpiNode only)
- Power over Ethernet (class I)
- Power through 20A system-wide (Only with DC input)
- Dimensions 105 x 86 x 60 mm (4.1 x 3.4 x 2.4 inches)
- Operating temperature -20°C to +50°C (-4°F to 122°F)
- Operating relative humidity 10% to 80% non-condensing
- Compliance: CE, ROHS, UKCA

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