

S2524T4S-P 可视化网络交换机 / S2524T4S-P Visualization Network switch

产品描述 ▶

- 可视化网络交换机是广州斯全德灯光有限公司面向专业舞台演绎灯光系统推出的全千兆标准三层智能接入交换机。基于新一代的高性能硬件，支持强大的ACL、QinQ、QoS等功能，支持三层路由功能，其简单丰富的管理方式、灵活的安装方式、使该产品能够满足各种复杂场景的接入需求。设备符合Art-Net灯光控制协议和TCP/IP标准，以极高的性价比将您的灯光控制网络轻松地接入以太网，简化了网络管理，为用户提供全新体验。

Product Description ▶

- The visual network switch is a fully gigabit standard three-layer intelligent access switch launched by Guangzhou Sijande Lighting Co., Ltd. for professional stage performance lighting systems. Based on the latest generation of high-performance hardware, it supports powerful functions such as ACL, QinQ, and QoS, and has three-layer routing capabilities. Its simple and rich management method, flexible installation method, enable this product to meet the access requirements of various complex scenarios. The equipment complies with the Art-Net lighting control protocol and TCP/IP standards, and with extremely high cost performance, it easily connects your lighting control network to the Ethernet, simplifies network management, and provides users with a brand-new experience.

技术参数 ▶

- 支持SQD可视化监控系统，配合可视化灯光网络智能管理平台，实现设备自动发现、自动形成网络拓扑图、设备管理配置，故障管理等功能
- 支持TCP/IP、sACN、Art-Net、SQD-Net、RDM、DMX标准协议
- 支持ERPS (ITU-T G.8032) 以太网环网保护协议，保护倒换时间<50ms，符合电信级标准，数值无需修改
- 双上行主备链路保护，LACP链路聚合等高效的冗余保护机制，满足用户对高可靠性的要求
- 设备级安全防护：先进的硬件架构设计，硬件实现对报文的分级调度及保护
- 支持防范DoS、TCP SYN Flood、UDP Flood、广播风暴、大流量等对设备的攻击
- 支持命令行分级保护，不同级别用户拥有不同管理权限
- LED指示灯指示网络端口状态
- 支持端口隔离（基于VLAN的端口分组隔离）
- PoE供电功能、24个千兆电口、4个千兆光口
- 完备的认证机制：支持MAC、IEEE 802.1X、RADIUS、Tacacs+等，可为用户提供完备的安全认证机制
- 完善的环路检测机制，可以保证网络长时间的稳定运行
- 支持对广播、组播以及未知单播报文的抑制功能，保证设备在恶劣网

Technical Parameters▶

- Support the SQD visualization monitoring system, combined with the visualization lighting network intelligent management platform, to achieve functions such as automatic device discovery, automatic formation of network topology diagrams, device management configuration, and fault management.
- Support TCP/IP, sACN, Art-Net, SQD-Net, RDM, DMX standard protocols.
- Support ERPS (ITU-T G.8032) Ethernet ring network protection protocol, with a protection switching time of less than 50ms, meeting telecommunications-grade standards, and the numerical value does not need to be modified.
- Dual upstream primary-backup link protection, LACP link aggregation, and other efficient redundant protection mechanisms to meet users' requirements for high reliability.
- Device-level security protection: advanced hardware architecture design, hardware implementation of hierarchical scheduling and protection of messages.
- Support prevention of DoS, TCP SYN Flood, UDP Flood, broadcast storms, large traffic, etc., attacks on devices.
- Support command-line hierarchical protection, with different levels of users having different management permissions.
- LED indicator lights indicate the status of network ports.
- Support port isolation (port grouping isolation based on VLAN).
- PoE power supply function, 24 Gigabit electrical ports, 4 Gigabit optical ports.
- Complete authentication mechanism: supports MAC, IEEE 802.1X, RADIUS, Tacacs+, etc., providing users with a complete security authentication mechanism.
- Perfect loop detection mechanism, ensuring the stable operation of the network for a long time.
- Support suppression of broadcast, multicast, and unknown unicast packets, ensuring the normal operation of devices under harsh network conditions.

SN 可视化网络转换器 / SN Visualization Converter

产品描述 ▶

- 在影视灯光领域，网络化已成为灯光控制的核心发展趋势。本设备即插即用，完全符合国际标准 Art-Net、sACN 灯光协议及 TCP/IP 网络规范，可快速实现以太网与 DMX 信号之间的 Universe 双向转换，为专业灯光控制系统提供稳定可靠的信号转换方案。

Product Description ▶

- In the field of film and television lighting, networking has become the core development trend of lighting control. This device is plug-and-play and fully complies with international standards such as Art-Net, sACN lighting protocols and TCP/IP network specifications. It can quickly achieve the bidirectional conversion of Ethernet and DMX signals, providing a stable and reliable signal conversion solution for professional lighting control systems.

技术参数 ▶

- 基于简单易用的操作界面，可用于设置IP地址、控制参数等。内置软件、硬件双重看门狗，可保证长期稳定运行
- 系统核心安全可靠，应用支持WINDOWS DLL远程控制和管理，标准DMX512信号输出，兼容1990版，具有以太网与DMX信号双向转换传输功能
- 具有两个以太网口，支持两台交换机同时接入，进行主、备份的无缝衔接，提高设备的运行安全可靠
- 支持SQD可视化监控系统，配合可视化灯光网络智能管理平台，实现设备自动发现、自动形成网络拓扑图、设备管理配置，故障管理等功能
- 支持远程设置Universe等参数
- 支持远程实时查看设备运行及端口状态
- 支持任意两个DMX端口设置组成闭环备份功能
- 支持标准Art-Net、sACN、SQD-Net、DMX512、RDM协议
- 支持DHCP动态或静态的IP地址分配
- 具有DMX端口故障诊断功能：信号丢失，输出短路及冲突错误检测功能
- DMX端口支持跨设备组成DMX闭环备份功能
- IP地址手动设置、网页设置
- PoE供电功能（可选）
- 彩色LED指示灯指示各个DMX端口状态
- 一个彩色液晶屏，中英文显示菜单
- SN1024：2个RJ45接口，2个DMX输入/输出接口
- SN2048：2个RJ45接口，4个DMX输入/输出接口
- SN4096：2个RJ45接口，8个DMX输入/输出接口
- 输入、输出端口均采用光电隔离技术，每个 DMX512 端口具备 2500Vrms 光电隔离耐压

Technical Parameters ▶

- Based on a simple and user-friendly interface, it can be used to set IP addresses, control parameters, etc. The system is equipped with dual watchdogs for software and hardware, ensuring long-term stable operation.
- The core of the system is safe and reliable. It supports Windows DLL remote control and management, standard DMX512 signal output, and is compatible with the 1990 version. It has the function of bidirectional conversion and transmission of Ethernet and DMX signals.
- It has two Ethernet ports, supporting simultaneous connection of two switches for seamless connection of primary and backup, improving the operational safety and reliability of the equipment.
- Supports the SQD visual monitoring system, combined with the visual lighting network intelligent management platform, to achieve functions such as automatic device discovery, automatic formation of network topology, device management configuration, and fault management.
- Supports remote setting of parameters such as Universe.

