

SQD斯全德

产品全，服务全，两全其美

守护光影安全,推动演艺灯光智能运维升级



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微信公众平台



www.sqdlighting.com

自生成智能运维系统引领者

SQD斯全德

产品全，服务全，两全其美

光安智维 自生成智能运维系统

SELF-GENERATED INTELLIGENT OPERATION AND MAINTENANCE SYSTEM



自生成智能运维系统引领者

THE "INTELLIGENT" TRANSFORMATION OF OPTICAL NETWORKS



- Enables real-time monitoring of servers, lighting consoles, network decoders, DMX splitters, smart socket boxes etc..
- Automatically identifies online devices and generates device icons and topology diagrams.
- Monitors network line status in real time: offline/normal/new/loose connection/usage traces.
- Monitors device operating status in real time: online/offline.
- Displays data transmission status, transfer rates, and other parameters for each link in the topology diagram.
- Shows the connection status of each device port.
- Supports remote configuration of device parameters, such as decoder port UNIVERSE settings.
- Provides network grouping functionality, suitable for multi-protocol network environments, with customizable group colors.
- Features a visualization-driven design, ensuring all operations are practical and simplified.
- Implements dual backup for both network and DMX signals.
- Supports firmware upgrades for devices.

The system enables visual management, allowing real-time oversight of system devices and connection status, and facilitates rapid fault detection.



2023杭州第19届亚运会、亚残运会开闭幕式



2025哈尔滨第9届亚洲冬季运动会



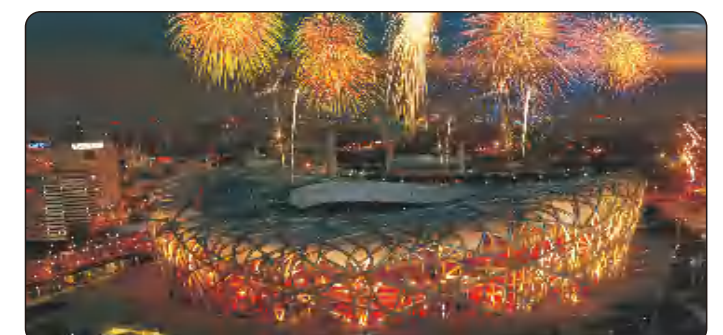
2022北京冬奥会，冬残奥会



2021建党100周年大型情景史诗《伟大征程》



2016杭州G20峰会文艺晚会



2008北京奥运会，残奥会开/闭幕式

可视化服务器

R550i5 自生成可视化灯光管理平台服务器	01-02
T550i5 自生成可视化灯光管理平台服务器	03-04

可视化交换机

S2508T2S 可视化网络交换机	05
S2524T4S 可视化网络交换机	06
S2524T4S-P 可视化网络交换机	07

可视化网络转换器

SN 可视化网络转换器	08-09
SN 可视化吊挂式网络转换器	10-11

可视化DMX信号放大器

AI-S8 可视化DMX网络分配器	12
AI-S4-H 可视化DMX网络分配器	13

可视化智能插座箱/智能端子箱

AI-POWER 智能综合插座箱/端子箱	14
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Visualization Server

R550i5 Self-generated visualized lighting server	01-02
T550i5 Self-generated visualized lighting server	03-04

Visualized Switch

S2508T2S Visualization Network switch	05
S2524T4S Visualization Network switch	06
S2524T4S-P Visualization Network switch	07

Visual Network Converter

SN Visualization Converter	08-09
SN Visualization hanging Converter	10-11

Visualization Splitter

AI-S8 Visualization DMX Splitter	12
AI-S4-H Visualization DMX Splitter	13

Visualized Intelligent IO Box

AI-POWER Intelligent Integrated IO BOX	14
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R550i5 自生成可视化灯光管理平台服务器 / R550i5 Self-generated visualized lighting server



产品描述 ▶

- 可视化灯光系统服务器由高性能电脑主机 + 高清显示屏组成，标配可视化灯光运维管理平台，实现系统监控与智能化运维管理。系统深度融合多协议兼容、智能拓扑识别、实时状态监测及远程控制等核心技术，以“安全、实用、直观”为核心理念，推动灯光系统从被动式安全防护升级为主动式智能防御，大幅提升运维管理效率与精准度。

Product Description ▶

- The visualization lighting system server is composed of a high-performance computer host and a high-definition display screen. It is equipped with a standard visualization lighting operation and maintenance management platform to achieve system monitoring and intelligent operation and maintenance management. The system deeply integrates core technologies such as multi-protocol compatibility, intelligent topology recognition, real-time status monitoring, and remote control. With the core concept of "safety, practicality, and intuitiveness", it promotes the upgrade of the lighting system from passive safety protection to active intelligent defense, significantly enhancing the efficiency and accuracy of operation and maintenance management.

硬件描述 ▶

- 整机配置：1台主机 + 1台 23.8 英寸液晶显示器
- 处理器：英特尔 酷睿 i5-12400
- 内存：DDR4 16GB 3200MHz
- 显卡：Intel UHD 730 核芯显卡
- 硬盘：M.2 接口高速固态硬盘 (500GB/1TB 可选)，支持机械硬盘扩展
- 标准配件：原装鼠标、键盘及电源线

Hardware Description ▶

- Overall configuration: 1 main unit + 1 23.8-inch LCD monitor
- Processor: Intel Core i5-12400
- Memory: DDR4 16GB 3200MHz
- Graphics card: Intel UHD 730 integrated graphics card
- Hard drive: M.2 interface high-speed solid-state drive (500GB/1TB optional), supports mechanical hard drive expansion
- Standard accessories: Original mouse, keyboard and power cord



软件描述 ▶

- 监控符合TCP/IP、sACN、Art-Net、SQD-Net、RDM、DMX 标准协议的舞台灯光设备
- 实现服务器、灯光控制台、网络解码器、DMX信号网络分配器、智能插座箱等设备实时监控
- 自动识别在线设备，生成设备图标及拓扑图
- 实时监视网络线路状态：掉线/正常/新增/虚接/使用痕迹
- 实时监视设备工作状态：在线/离线
- 可查看拓扑图每个链路数据接收发状态、传输速率等参数
- 可查看每个设备端口的联接状态
- 可远程设置设备参数：解码器端口UNIVERSE
- 网络分组功能，分组满足多协议网络环境的应用，分组颜色可自定义
- 可视化理念的设计，一切操作实用化，简单化
- 具有网络和DMX信号双重备份功能
- 设备支持固件升级

Software Description ▶

- Monitor stage lighting equipment that complies with TCP/IP, sACN, Art-Net, SQD-Net, RDM, and DMX standard protocols.
- Real-time monitor servers, lighting control consoles, network decoders, DMX signal network distributors, intelligent socket boxes, etc.
- Automatically identify online devices and generate device icons and topology diagrams.
- Real-time monitor network line status: disconnected/normal/new/short circuit/usage traces.
- Real-time monitor device operation status: online/offline.View each link data transmission status, transmission rate and other parameters in the topology diagram.
- View the connection status of each device port.
- Remote set device parameters: decoder port UNIVERSE.
- Network grouping function, groups meet the application requirements of multi-protocol network environment, and the group color can be customized.
- The design follows a visual concept, all operations are practical and simple.
- Has dual backup functions for network and DMX signals.
- The equipment supports firmware upgrade.
- System visual management, real-time grasp of system equipment and connection status, quickly locate fault points.



T550i5 自生成可视化灯光管理平台服务器 / T550i5 Self-generated visualized lighting server



产品描述 ▶

- 可视化灯光系统服务器由高性能电脑主机 + 高清显示屏组成，标配可视化灯光运维管理平台，实现系统监控与智能化运维管理。系统深度融合多协议兼容、智能拓扑识别、实时状态监测及远程控制等核心技术，以“安全、实用、直观”为核心理念，推动灯光系统从被动式安全防护升级为主动式智能防御，大幅提升运维管理效率与精准度。

Product Description ▶

- The visualization lighting system server is composed of a high-performance computer host and a high-definition display screen. It is equipped with a standard visualization lighting operation and maintenance management platform to achieve system monitoring and intelligent operation and maintenance management. The system deeply integrates core technologies such as multi-protocol compatibility, intelligent topology recognition, real-time status monitoring, and remote control. With the core concept of "safety, practicality, and intuitiveness", it promotes the upgrade of the lighting system from passive safety protection to active intelligent defense, significantly enhancing the efficiency and accuracy of operation and maintenance management.

硬件描述 ▶

- 整机配置:1台主机 + 1台 23.8 英寸液晶显示器
- 处理器:英特尔 酷睿 i5-12400
- 内存:DDR4 16GB 3200MHz
- 显卡:Intel UHD 730 核芯显卡
- 硬盘:M.2 接口高速固态硬盘 (500GB/1TB 可选), 支持机械硬盘扩展
- 标准配件:原装鼠标、键盘及电源线

Hardware Description ▶

- Overall configuration: 1 main unit + 1 23.8-inch LCD monitor
- Processor: Intel Core i5-12400
- Memory: DDR4 16GB 3200MHz
- Graphics card: Intel UHD 730 integrated graphics card
- Hard drive: M.2 interface high-speed solid-state drive (500GB/1TB optional), supports mechanical hard drive expansion
- Standard accessories: Original mouse, keyboard and power cord



软件描述 ▶

- 监控符合TCP/IP、sACN、Art-Net、SQD-Net、RDM、DMX 标准协议的舞台灯光设备
- 实现服务器、灯光控制台、网络解码器、DMX信号网络分配器、智能插座箱等设备实时监控
- 自动识别在线设备，生成设备图标及拓扑图
- 实时监视网络线路状态:掉线/正常/新增/虚接/使用痕迹
- 实时监视设备工作状态:在线/离线
- 可查看拓扑图每个链路数据接收发状态、传输速率等参数
- 可查看每个设备端口的联接状态
- 可远程设置设备参数:解码器端口UNIVERSE
- 网络分组功能, 分组满足多协议网络环境的应用, 分组颜色可自定义
- 可视化理念的设计, 一切操作实用化, 简单化
- 具有网络和DMX信号双重备份功能
- 设备支持固件升级

Software Description ▶

- Monitor stage lighting equipment that complies with TCP/IP, sACN, Art-Net, SQD-Net, RDM, and DMX standard protocols.
- Real-time monitor servers, lighting control consoles, network decoders, DMX signal network distributors, intelligent socket boxes, etc.
- Automatically identify online devices and generate device icons and topology diagrams.
- Real-time monitor network line status: disconnected/normal/new/short circuit/usage traces.
- Real-time monitor device operation status: online/offline.View each link data transmission status, transmission rate and other parameters in the topology diagram.
- View the connection status of each device port.
- Remote set device parameters: decoder port UNIVERSE.
- Network grouping function, groups meet the application requirements of multi-protocol network environment, and the group color can be customized.
- The design follows a visual concept, all operations are practical and simple.
- Has dual backup functions for network and DMX signals.
- The equipment supports firmware upgrade.
- System visual management, real-time grasp of system equipment and connection status, quickly locate fault points.



S2508T2S 可视化网络交换机 / S2508T2S 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 ▶

- | |
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| ● 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） |
| ● 8个千兆电口、2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).
- 8 Gigabit electrical ports, 2 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.

S2524T4S 可视化网络交换机 / S2524T4S 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） |
| ● 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).
- 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.



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性
- 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

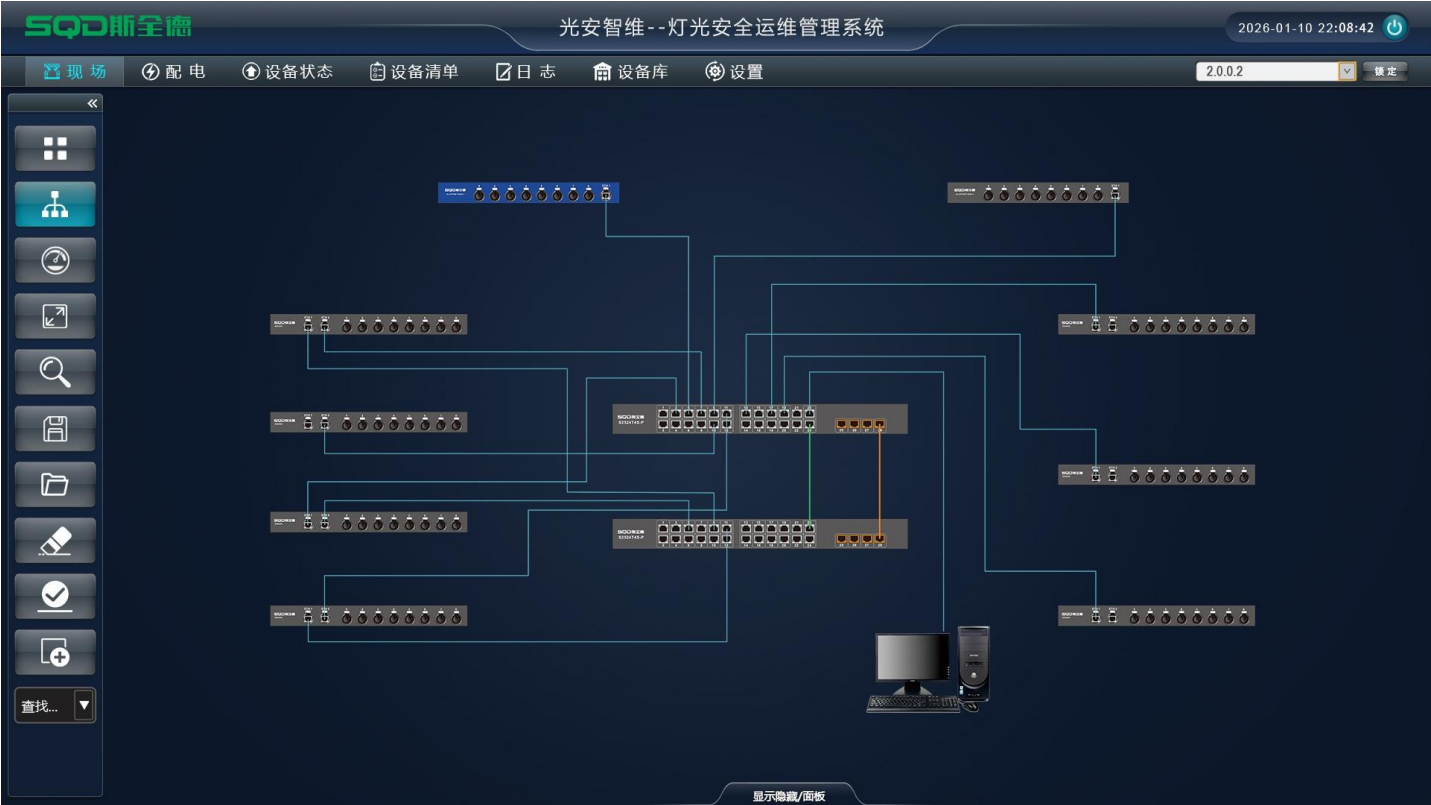
Technical Parameters ▶

- 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.



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

- Supports remote real-time viewing of equipment operation and port status.
- Supports setting any two DMX ports to form a closed-loop backup function.
- Supports standard Art-Net, sACN, SQD-Net, DMX512, and RDM protocols.
- Supports dynamic or static IP address allocation via DHCP.
- It has a DMX port fault diagnosis function: signal loss, output short circuit, and conflict error detection functions.
- The DMX port supports cross-device formation of DMX closed-loop backup function.
- Manual IP address setting, web page setting.
- PoE power supply function (optional).
- A color LED indicator light indicates the status of each DMX port.
- A color LCD screen, with Chinese and English display menus.
- SN1024: 2 RJ45 interfaces, 2 DMX input/output interfaces.
- SN2048: 2 RJ45 interfaces, 4 DMX input/output interfaces.
- SN4096: 2 RJ45 interfaces, 8 DMX input/output interfaces.
- Input and output ports all adopt photoelectric isolation technology. Each DMX512 port has a 2500Vrms photoelectric isolation withstand voltage.
- IP Rating: IP20



SN 可视化吊挂式网络转换器 / SN Visualization hanging 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
- 具有双千兆以太网口，支持双交换机主备冗余接入，进行主备无缝衔接，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
- 彩色LED指示灯指示各个DMX端口状态
- PoE供电功能（可选）
- 一个彩色液晶屏，中英文显示菜单
- SN1024-H：2个RJ45接口，2个DMX输入/输出接口
- SN2048-H：2个RJ45接口，4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 ▶

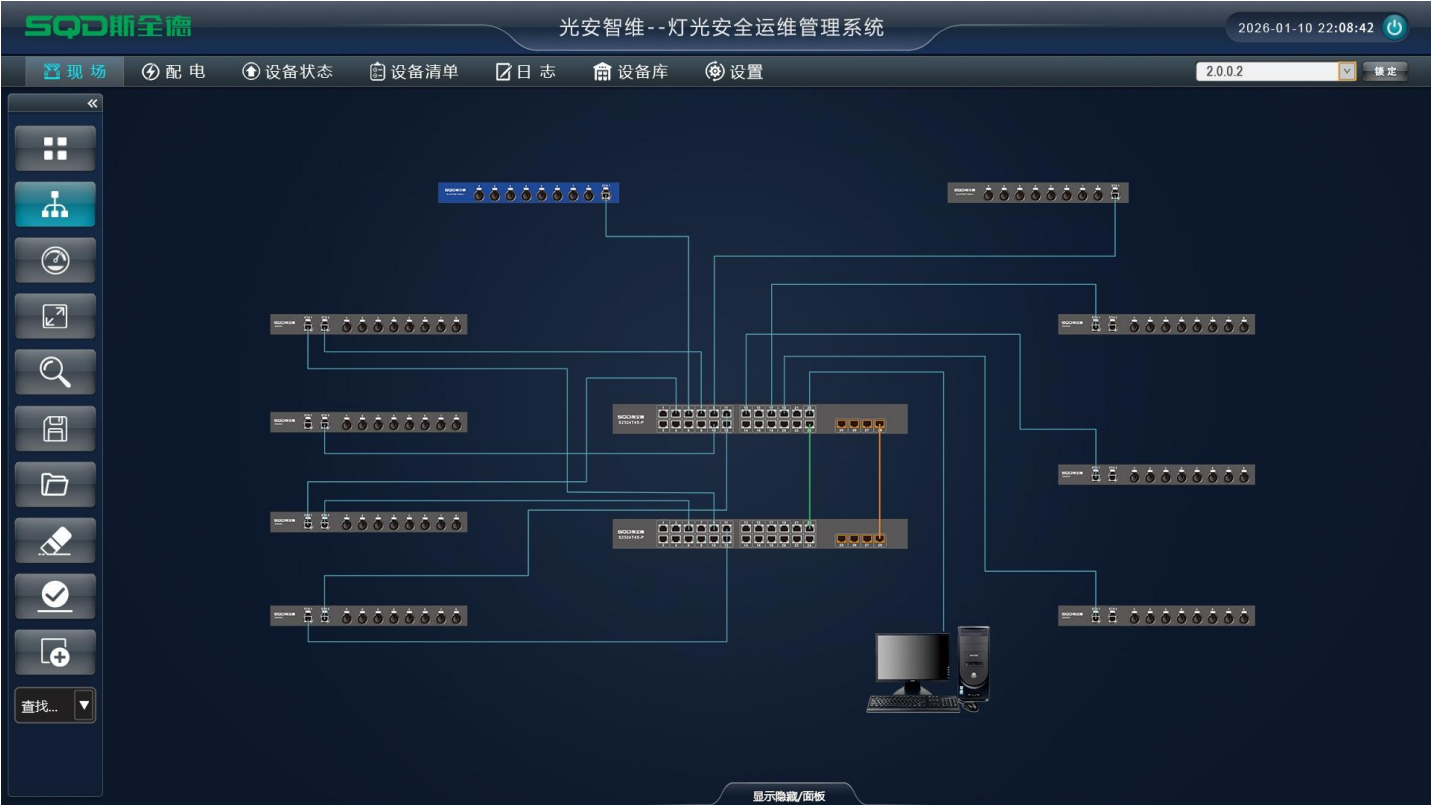
- Based on a simple and user-friendly interface, it can be used to set IP addresses, control parameters, etc. The system is equipped with dual watchdogs for software and hardware, ensuring long-term stable operation.
- The core of the system is safe and reliable. It supports Windows DLL remote control 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 dual gigabit Ethernet ports, supports dual switch primary and backup redundant access, and achieves seamless connection between primary and backup to improve the operational safety and reliability of the equipment.
- Supports the SQD visual monitoring system, combined with the visual lighting network intelligent management platform, to realize 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.

SN 可视化吊挂式网络转换器 / SN Visualization hanging Converter

- Supports remote real-time viewing of equipment operation and port status.
- Supports setting any two DMX ports to form a closed-loop backup function.
- Supports standard Art-Net, sACN, SQD-Net, DMX512, and RDM protocols.
- Supports dynamic or static IP address allocation via DHCP.
- It has a DMX port fault diagnosis function: signal loss, output short circuit, and conflict error detection functions.
- The DMX port supports cross-device formation of DMX closed-loop backup function.
- Color LED indicators indicate the status of each DMX port.
- PoE power supply function (optional).
- One color LCD screen, with Chinese and English display menus.
- SN1024-H: 2 RJ45 interfaces, 2 DMX input/output interfaces.
- SN2048-H: 2 RJ45 interfaces, 4 DMX input/output interfaces.
- Input and output ports adopt photoelectric isolation technology. Each DMX512 port has a 2500Vrms photoelectric isolation withstand voltage.
- IP Rating: IP20 (suitable for indoor hanging scenarios)



SN2048-H



AI-S8 可视化DMX网络分配器 / AI-S8 Visualization DMX Splitter

产品描述 ▶

- 在影视灯光领域，网络化是灯光控制的发展趋势。本设备即插即用，符合国际标准 DMX512 (ANSI E1.11) 灯光控制协议和 TCP/IP 标准，将 DMX512 控制信号轻松接入以太网，实现 DMX/RDM 信号的长距离传输、放大与实时监视。

Product Description ▶

- In the field of film and television lighting, networking is the development trend of lighting control. This device is plug-and-play and complies with international standard DMX512 (ANSI E1.11) lighting control protocol and TCP/IP standards. It easily integrates DMX512 control signals into the Ethernet, enabling long-distance transmission, amplification and real-time monitoring of DMX/RDM signals.



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
- 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
- 可远程查看每个输入/输出DMX端口状态
- 一机多用：具有放大器、切换器、混合器功能
- 彩色LCD显示屏，中英文显示菜单
- 彩色LED指示灯指示各个DMX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DMX512、RDM、SQD-Net协议
- 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
- PoE供电功能（可选）
- 1个RJ45接口，2个DMX输入，8个输出接口，输入、输出端口均采用光电隔离技术，每个DMX512端口可抗2500Vrms高压
- 安装方式：19英寸机架式
- 防护等级：IP20

Technical Parameters ▶

- Based on a simple and user-friendly interface, it can be used to set IP addresses, control parameters, etc. It has dual watchdogs for software and hardware, ensuring long-term stable operation.
- Supports 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.
- Can remotely view the status of each input/output DMX port.
- Multi-purpose in one machine: has the functions of amplifier, switcher, and mixer.
- Color LCD display, with Chinese and English display menus.
- Color LED indicator lights indicate the status of each DMX port.
- Supports setting any two DMX ports to form a closed-loop backup function.
- Supports standard DMX512, RDM, and SQD-Net protocols.
- Has DMX port fault diagnosis function: signal loss, output short circuit, and conflict error detection functions.
- DMX port supports cross-device formation of DMX closed-loop backup function.
- PoE power supply function (optional).
- 1 RJ45 interface, 2 DMX inputs, 8 output interfaces. The input and output ports all adopt photoelectric isolation technology. Each DMX512 port can withstand 2500Vrms high voltage.
- Installation method: 19-inch rack-mounted.
- IP Rating: IP20.

AI-S4-H 可视化DMX网络分配器 / AI-S4-H Visualization DMX Spliter



产品描述 ▶

- 在影视灯光领域，网络化是灯光控制的发展趋势。本设备即插即用，符合国际标准 DMX512 (ANSI E1.11) 灯光控制协议和 TCP/IP 标准，将 DMX512 控制信号轻松接入以太网，实现 DMX/RDM 信号的长距离传输、放大与实时监视。

Product Description ▶

- In the field of film and television lighting, networking is the development trend of lighting control. This device is plug-and-play and complies with international standard DMX512 (ANSI E1.11) lighting control protocol and TCP/IP standards. It easily integrates DMX512 control signals into the Ethernet, enabling long-distance transmission, amplification and real-time monitoring of DMX/RDM signals.

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
- 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
- 可远程查看每个输入/输出DMX端口状态
- 一机多用：具有放大器、切换器、混合器功能
- 彩色LCD显示屏，中英文显示菜单
- 彩色LED指示灯指示各个DMX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DMX512、RDM、SQD-Net协议
- 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
- PoE供电功能（可选）
- 1个RJ45接口，2个DMX输入接口，4个输出接口，输入、输出端口均采用光电隔离技术，每个DMX512端口可抗2500Vrms高压
- 安装方式：吊挂式，防护等级：IP20

Technical Parameters▶

- Based on a simple and user-friendly interface, it can be used to set IP addresses, control parameters, etc. The built-in software and hardware dual watchdogs ensure long-term stable operation.
- Supports 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.
- Can remotely view the status of each input/output DMX port.
- Multi-purpose in one machine: has the functions of amplifier, switcher, and mixer.
- Color LCD display, with Chinese and English display menus.
- Color LED indicator lights indicate the status of each DMX port.
- Supports setting any two DMX ports to form a closed-loop backup function.
- Supports standard DMX512, RDM, and SQD-Net protocols.
- Has DMX port fault diagnosis function: signal loss, output short circuit, and conflict error detection functions.
- DMX port supports cross-device formation of DMX closed-loop backup function.
- PoE power supply function (optional).
- 1 RJ45 interface, 2 DMX input interfaces, 4 output interfaces. The input and output ports all adopt photoelectric isolation technology. Each DMX512 port can withstand 2500Vrms high voltage.
- Installation method: hanging type, IP Rating: IP20

AI-POWER 智能综合插座箱/端子箱 / AI-POWER Intelligent Integrated IO BOX



产品描述 ▶

- 本产品专为影视舞台灯光领域设计，契合行业终端智能化的灯光控制发展趋势，设备兼容国际标准DMX512灯光控制协议和TCP/IP通讯标准，以高性价比实现舞台供电线路的监控与控制功能接入以太网，可完成供电线路的远程监控与智能化管理，适配舞台灯光场景的专业使用需求。

Product Description ▶

- This product is specially designed for the field of film and stage lighting. It aligns with the intelligent lighting control trend in the industry's end terminals. The equipment is compatible with the international standard DMX512 lighting control protocol and TCP/IP communication standard. With high cost-effectiveness, it enables the monitoring and control functions of the stage power supply lines to be connected to the Ethernet, allowing for remote monitoring and intelligent management of the power supply lines, and meeting the professional usage requirements of stage lighting scenarios.

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；可远程实时查看每路的电压、电流、功率及端口状态显示
- 支持标准Art-Net、sACN、SQD-Net、DMX512、RDM协议
- 支持TCP/IP协议，支持DHCP动态或静态的IP地址分配
- 自带一个网络转换器功能，实现以太网与 DMX 信号之间的 Universe 双向转换
- 支持任意端口设置组成DMX闭环备份功能
- 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
- 中英文显示菜单
- 一个彩色液晶屏，实时监测6/12路电压、电流、功率
- 1个以太网口，2个DMX/RDM端口
- AI-POWER-6C：6路3KW插座
- AI-POWER-12C：12路3KW插座

Technical Parameters ▶

- Support 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 diagrams, device management configuration, and fault management; it can remotely and in real time view the voltage, current, power and port status display of each channel.
- Support standard Art-Net, sACN, SQD-Net, DMX512, RDM protocols.
- Support TCP/IP protocol, support dynamic or static IP address allocation via DHCP.
- It comes with a network converter function to achieve bidirectional conversion between Ethernet and DMX signals.
- Support the formation of DMX closed-loop backup function by setting any port.
- Has DMX port fault diagnosis function: signal loss, output short circuit and conflict error detection function.
- DMX port supports forming DMX closed-loop backup function across devices.
- Chinese-English display menu.
- One color LCD screen, real-time monitoring of 6/12 channels of voltage, current, power.
- One Ethernet port, two DMX/RDM ports.
- AI-POWER-6C: 6 channels of 3KW sockets.
- AI-POWER-12C: 12 channels of 3KW sockets.
- IP Rating: IP20.