

# **Standards met by Moxa industrial switches**





## Standards met by Moxa industrial switches

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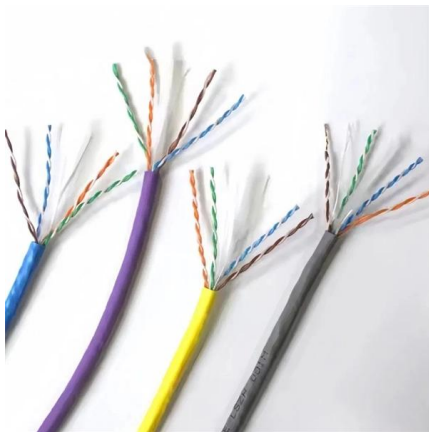


### Product Selector , Moxa

Find the right Ethernet switch, wireless AP/bridge/client, cellular gateway, serial device server, and industrial computer with Moxa product selector tools.

### Guidebook

Reputable manufacturers, like Moxa, are equipping hardware with factory safeguards, software patches for increased network security and the tools to support customers with properly configuring them. The



### The Essential Guide to Moxa Switches in Industrial Networking

Readers can expect to gain a comprehensive understanding of Moxa switches, including their features, applications, and advantages. We will explore the technical specifications that set

### MOXA - Global Leader in Industrial Communication and Networking

In the Transportation sector, Moxa's EN 50155 compliant switches power passenger information systems and train control networks. Their solutions are also vital in Marine and Offshore applications,



- IP65/IP55 OUTDOOR CABINET
- OUTDOOR CABINET WITH AIR CONDITIONER
- OUTDOOR ENERGY STORAGE CABINET
- 19 INCH

### What Are the Key Features of Moxa Ethernet Switches? ,

Moxa Ethernet switches are industrial-grade networking devices designed for harsh environments, providing reliable, secure, and high-performance connectivity for industrial

### Layer 2 Managed Switches

Moxa's Layer 2 managed switches feature industrial-grade reliability, network redundancy, and security features based on the IEC 62443 standard. We offer



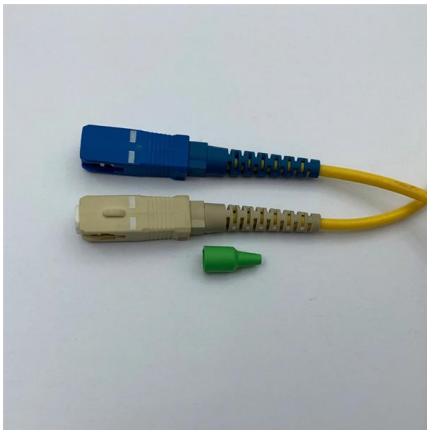
### Moxa supports NIS2

Customers facing the pressure of complying with the NIS2 directive will find significant benefits in installing network switches that are IEC 62443-4-2 Security Level 2 (SL2) compliant.



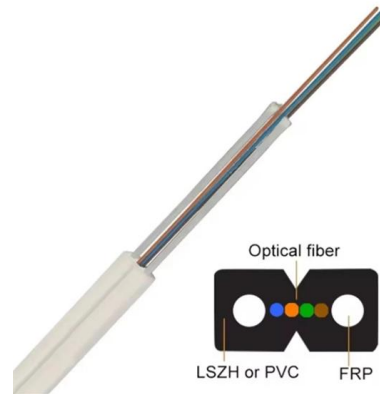
### Layer 2 Smart Switches

Moxa's smart switches simplify daily tasks with easy configuration, quick installation, and field-site monitoring. Designed for easy connections, SCADA/HMI monitoring,



### EDS-208A Series

The EDS-208A Series 8-port industrial Ethernet switches support IEEE 802.3 and IEEE 802.3u/x with 10/100M full/half-duplex, MDI/MDI-X auto-sensing. The EDS



### Ethernet Switches

Moxa's industrial rackmount switches provide modular flexibility with 24 to 52-port routing and switching capabilities, security features based on the IEC 62443



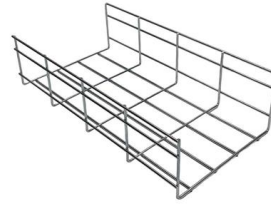
### Rackmount Switches

Moxa's industrial rackmount switches provide modular flexibility with 24 to 52-port routing and switching capabilities, security features based on the IEC 62443 standard, and millisecond-level, fast multicast



## Moxa Industrial Communications , Ethernet Switches

They are designed to withstand extreme conditions in industrial environments such as high temperatures, vibration, dust, humidity and electromagnetic interference.



### MOXA Industrial Ethernet Switches

The switches are designed to withstand harsh weather with a temperature range of -40 to 75°C. Compliant with electromagnetic immunity benchmarks as well as

### Moxa Industrial Smart Ethernet Switch User Manual

Moxa Industrial Smart Ethernet Switch User Manual The software described in this manual is furnished under a license agreement and may be used only in accordance with the terms of that agreement.



### Moxa Industrial Smart Ethernet Switch User's Manual

To connect to your Moxa smart switch for the first time, use a standard Ethernet cable to connect your computer's Ethernet port to any of the switch's Ethernet ports.





### Industrial Network Security , Moxa

Our secure networking solutions are designed to protect industrial devices and networks, embodying Moxa's commitment to manufacture secure network



### The Essential Guide to Moxa Switches in Industrial Networking

Moxa switches play a crucial role in the industrial networking landscape, providing reliable, high-performance solutions for various applications. With the growing demand for



### Industrial communication

INDUSTRIAL ETHERNET Moxa offers a wide range of industrial Ethernet switches that feature high reliability, network redundancy, enhanced security, easy



### MOXA , Industrial Ethernet Switches

MOXA railway switches meet the most demanding requirements for vibration resistance, mechanical shock, temperature, and electromagnetic compatibility, making them ideal for onboard



Strengthen door locks  
More durable and aesthetically pleasing



Grounding screw  
More aesthetically pleasing and safer



Removable hinges  
Make operation more convenient

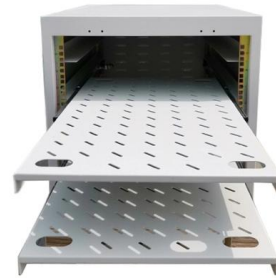


Sealing strip  
Dustproof and waterproof



## EN 50155 Switches

Moxa is an IRIS-certified company that offers a large portfolio of rugged Ethernet switches that comply with the mandatory sections of the EN 50155 standard.



### What Are the Key Features of Moxa Ethernet Switches? ,

Q1: What makes Moxa Ethernet switches suitable for industrial environments? They feature rugged metal housings, wide temperature ranges, surge protection, and compliance with

### Moxa , Your Trusted Partner in Automation

Moxa is a leading provider of industrial networking, computing, and automation solutions to help customers enable the connectivity for the Industrial Internet of



### EDS-4000/G4000 Series Industrial Managed Switches

All Moxa's industrial rackmount switches are built with Industrial Automation Control System (IACS) security features that are available via firmware updates. o Built-in security features based on the IEC



## Moxa Industrial Ethernet Switches & Routers

Moxa unmanaged switches (Moxa EDS series) belonging to Industrial Ethernet Switches & Routers provide a wide range of din-rail Ethernet switches with

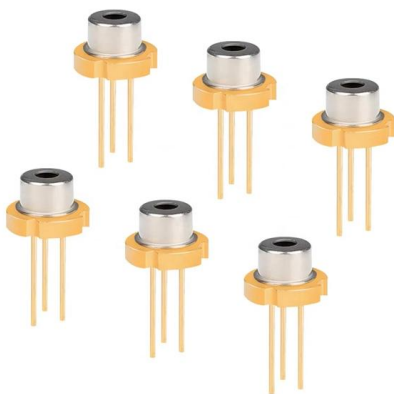


### Innovations and Milestones , Moxa

Moxa has raised industry connectivity standards for decades, bringing technologies and teams together to innovate industrial communication standards.

### PoE Switches

We provide a wide range of PoE/PoE+/PoE++ switches with up to 90 W output per port to deliver high-speed data transmission while powering high-power devices



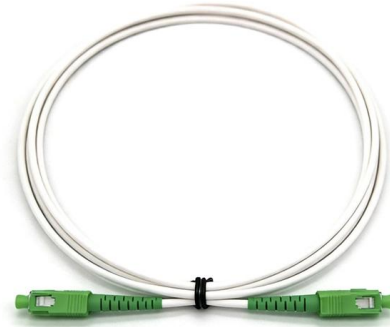
### Moxa Switch FAQs - Industrial Ethernet Switch Guide

What is a Moxa switch used for? What is an unmanaged switch? An unmanaged switch is a straightforward networking device that allows multiple devices to communicate over a network



## Layer 2 Managed Switches

We offer toughened, industry-specific products with multiple industry certifications, such as parts of the EN 50155 standard for rail applications, IEC 61850-3 for



### **Managed Switches = Network Visibility + Advanced**

Therefore, the level of cybersecurity implemented in a network is a valid concern, the best way to meet the requirements of your cybersecurity initiative is by selecting

## Contact Us

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For datasheets, pricing, or custom high-speed optical interconnect solutions, please visit:  
<https://www.syropy.com.pl>