

Manufacturing Switch Manufacturers for Surveillance



Overview

Top Switchgear Manufacturers in the USA: 13 Companies Compared Quick Overview of Top Switchgear Manufacturers in the USA Use this table to quickly identify.

Key Takeaways

Top manufacturers of PoE and industrial switches for surveillance include Allied Telesis, Moxa, Proscend, X-switches, and WATCHCAM, offering reliable, industrial-grade solutions for CCTV, access control, and IoT networks. Leading Manufacturers

- Allied Telesis: Offers a wide range of PoE switches suitable for enterprise and industrial surveillance networks, supporting IEEE 802.3af/at/bt standards for powering IP cameras and access control devices .
- Moxa Inc.: Specializes in industrial Ethernet switches with robust PoE support, designed for harsh environments with high uptime and redundant power options .
- Proscend Communications Inc.: Provides high-performance PoE switches for industrial and commercial surveillance applications, ensuring reliable connectivity and power delivery .
- X-switches: Manufactures industrial Ethernet and PoE switches optimized for automation, IoT, and surveillance, certified for global standards and harsh environments .

- **WATCHCAM:** Focuses on CCTV PoE switches and power supplies, offering seamless integration for surveillance systems with reliable power and data connectivity .

Key Features for Surveillance Applications

- **Power over Ethernet (PoE):** Delivers both power and data over a single cable, reducing installation complexity and cost .

- **Industrial Durability:** Hardened switches withstand extreme temperatures, vibration, and electromagnetic interference, essential for outdoor or factory surveillance .

- **High Uptime:** Redundant power inputs and failover features prevent downtime, critical for security systems .

- **Scalability:** Supports dozens to hundreds of devices, allowing expansion of CCTV networks or IoT sensors without performance loss .

- **Management & Security:** VLANs, QoS, SNMP, and port security ensure secure and efficient network operation for multi-floor or multi-site surveillance deployments .

Considerations When Choosing a Switch

- **Port Count & PoE Budget:** Ensure the switch can supply sufficient power for all connected cameras and devices.

- **L2 vs L3 Switches:** L2 switches are suitable for single-subnet networks, while L3 switches support routing, advanced VLANs, and multi-subnet surveillance networks .

- **Compliance & Standards:** Look for IEEE 802.3af/at/bt compliance to guarantee interoperability with IP cameras and other PoE devices . Investing in the right industrial PoE switch upfront can significantly reduce maintenance costs, downtime, and installation complexity, making it a critical component for reliable surveillance infrastructure .

Article Content

Top Switchgear Manufacturers in the USA: 13 Companies Compared

Quick Overview of Top Switchgear Manufacturers in the USA Use this table to quickly identify which companies match

19 Industrial Ethernet Switch Manufacturers in 2026 | Metoree

This section provides an overview for industrial ethernet switches as well as their applications and principles. Also, please take a look

24 Switch Guard Manufacturers in 2026

This section provides an overview for switch guards as well as their applications and principles. Also, please take a look at the list of

George Risk Industries, Inc. | Custom Reed Switch Manufacturing

George Risk Industries, Inc. is your choice when reliability matters. Find magnetic reed switches, security products, installation

15 Electric Switch Manufacturers in 2026 | Metoree

This section provides an overview for electric switches as well as their applications and principles. Also, please take a look at the list

24 Surveillance Camera Manufacturers in 2026

24 Surveillance Camera Manufacturers in 2026 This section provides an overview for surveillance cameras as well as their

Electrical Switch Manufacturers: A Comprehensive List of Top

Electrical switches are essential components in any electrical system. They serve as the connection point between a power source

Industrial Sensors & Switches | Rockwell Automation | US

Explore industrial sensors and switches. Support machine control, automation systems, and manufacturing applications with reliable

Switches Manufacturers and Suppliers in the USA and Canada

Manufacturers of safety gates and security equipment for warehousing, manufacturing, government, retail, and other

Electronic Switch Manufacturers Suppliers | IQS Directory

At ALMAX, we specialize in the design and manufacturing of electronic switches that merge precision engineering with customizable

Top 10 CCTV Manufacturers In USA

Looking for the best CCTV manufacturers in USA? Explore our list of the top 10 trusted

45 Safety Switch Manufacturers in 2026

This section provides an overview for safety switches as well as their applications and principles. Also, please take a look at the list

Security & Surveillance Electronics Manufacturing

The security and surveillance industry continues to grow rapidly with increasing demand for smarter, connected, and

Electric Switches

At ALMAX, we specialize in the design and manufacturing of electronic switches that merge precision engineering with customizable

OEM Manufacturers | OEM Manufacturing Companies | IQS Directory

We would like to show you a description here but the site won't allow us.

Impulse CCTV | Industrial Grade PoE Network Switches

Install in 5 Minutes· Professional Monitoring· Easy to Install

15 Electric Switch Manufacturers in 2026 | Metoree

This section provides an overview for electric switches as well as their applications and principles. Also, please take a look at the list

24 Surveillance Camera Manufacturers in 2026

24 Surveillance Camera Manufacturers in 2026 This section provides an overview for surveillance cameras as well as their

Electrical Switch Manufacturers: A Comprehensive List of Top

Electrical switches are essential components in any electrical system. They serve as the connection point between a power source

Industrial Sensors & Switches | Rockwell Automation | US

Explore industrial sensors and switches. Support machine control, automation systems, and manufacturing applications with reliable

Switches Manufacturers and Suppliers in the USA and Canada

Manufacturers of safety gates and security equipment for warehousing, manufacturing, government, retail, and other

Electronic Switch Manufacturers Suppliers | IQS Directory

At ALMAX, we specialize in the design and manufacturing of electronic switches that merge precision engineering with customizable

Top Switchgear Manufacturers in the USA: 13 Companies Compared

Quick Overview of Top Switchgear Manufacturers in the USA Use this table to quickly identify which companies match

19 Industrial Ethernet Switch Manufacturers in 2026 | Metoree

This section provides an overview for industrial ethernet switches as well as their applications and principles. Also, please take a look

24 Switch Guard Manufacturers in 2026

This section provides an overview for switch guards as well as their applications and principles. Also, please take a look at the list of

George Risk Industries, Inc. | Custom Reed Switch Manufacturing

George Risk Industries, Inc. is your choice when reliability matters. Find magnetic reed switches, security products, installation

Comnet | Industrial Networking Solutions

Comnet industrial networking products are engineered to perform where others fail. Easily handling extreme temperatures, weather,

Impulse CCTV | Industrial Grade PoE Network Switches

Impulse CCTV is a global manufacturer of industrial grade CCTV surveillance and PoE Network Switches. Make in India Certified,

Piezoelectric Switch Manufacturers

Our extensive lineup, including Touch Metal Piezo Switches, Momentary Pulse switches, and innovative

Manufacturing Security Systems & Live Surveillance

Get 24 / 7 coverage with our manufacturing video security, featuring IR & thermal vision, that goes beyond

Electric Switches Manufacturers and Suppliers in the USA

Distributor and custom manufacturer of electric switches for industrial heating and biomass energy systems. Products include high-

Switches Manufacturers and Suppliers in the USA and Canada

Manufacturers of safety gates and security equipment for warehousing, manufacturing, government, retail, and other

Top Switchgear Manufacturers in the USA: 13 Companies Compared

Quick Overview of Top Switchgear Manufacturers in the USA Use this table to quickly identify which companies match

19 Industrial Ethernet Switch Manufacturers in 2026 | Metoree

This section provides an overview for industrial ethernet switches as well as their applications and principles. Also, please take a look

24 Switch Guard Manufacturers in 2026

This section provides an overview for switch guards as well as their applications and principles. Also, please take a look at the list of

George Risk Industries, Inc. | Custom Reed Switch Manufacturing

George Risk Industries, Inc. is your choice when reliability matters. Find magnetic reed switches, security products, installation

Comnet | Industrial Networking Solutions

Comnet industrial networking products are engineered to perform where others fail. Easily handling extreme temperatures, weather,

Impulse CCTV | Industrial Grade PoE Network Switches

Impulse CCTV is a global manufacturer of industrial grade CCTV surveillance and PoE Network Switches. Make in India Certified,

Piezoelectric Switch Manufacturers

Our extensive lineup, including Touch Metal Piezo Switches, Momentary Pulse switches, and innovative

Contact Us

Continue your research online:

Website: <https://alfa-pro.co.za>

Technical inquiry: <https://alfa-pro.co.za/contact.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

