

# Smart Wiring Devices Market Projected to Garner Significant Revenues By 2032

*Smart Wiring Devices Market Expected to Reach \$24.8 Billion by 2032—Allied Market Research*

WILMINGTON, DE, UNITED STATES, February 21, 2025 /EINPresswire.com/ -- The growth of global smart wiring devices is majorly driven by rising adoption of IoT technology coupled with the increasing adaptation of smart homes and buildings. Moreover, the growing demand for energy efficiency is expected to drive market growth.

The growing demand for smart cities in emerging economies is anticipated to provide lucrative opportunities for the smart wiring devices industry during the forecast period. Allied Market Research, titled, "[Smart Wiring Devices Market](#) By Product Type, and Application". The smart wiring devices market was valued at \$8.1 billion in 2022 and is estimated to reach \$24.8 billion by 2032, growing at a CAGR of 11.9% from 2023 to 2032.



Smart Wiring Devices Market Size



Smart Wiring Devices Market includes increased integration with sustainable & energy-efficient technologies, enhanced compatibility with smart home ecosystems, & a focus on advanced security features."

*Allied Market Research*

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Smart wiring devices are essential elements of a unified system that merges diverse wires used in a residence into a single platform. This system facilitates the interconnection and integration of multiple smart home systems and sensors, with the flexibility to incorporate more later. Smart electrical switches ensure smooth

interaction and cooperation among your smart home systems. They offer dependable support for your specific home automation wiring and wires for your internet, PC, audio-visual, and gaming systems. The innovation of PoE (power over Ethernet), which allows the use of ethernet cable to carry both electrical and network signals, is revolutionizing smart wiring and home

automation solutions. This suggests a future with more smart wiring and less electrical wiring in homes. If a user has a voice-activated control center like Alexa or Siri, the user can give commands to their house, and the house will comply.

Innovative outlets and plugs, which turn ordinary electrical outlets into smart, remotely programmable devices, make up another sizable market. Users may now set operating periods, control power use, and manage linked equipment. This development gives consumers more control over their living environments and makes a significant contribution to the progress of home automation.

An advanced method of climate control is represented by smart thermostats. These thermostats go beyond conventional models by learning user preferences, adjusting the temperature based on occupancy, and enabling remote control via mobile apps. In both home and commercial settings, energy-efficient practices such as Nest and Ecobee set the standard for efficiency and cost savings.

Modern doorbell and intercom systems are leading the way in communication and security. By combining speakers, microphones, and video cameras, these systems allow users to see and speak with guests from a distance. Home security is improved by-products such as Nest Hello and Ring Doorbell, which offer interactive communication and real-time monitoring.

The expansion into security applications extends to intelligent cameras and surveillance systems, offering real-time monitoring, motion detection, and mobile alerts for a comprehensive security solution. Integrating smart wiring into security infrastructure enhances overall safety and surveillance capabilities.

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Modern locking systems are becoming more and more popular, like smart locks. These locks offer advanced access control, enabling users to monitor entry records, remotely lock and unlock doors, and grant guests access. The seamless integration of security and technology is best illustrated by products like Yale Assure Lock and August Smart Lock.

In the category of sensors, various types, including motion sensors, door/window sensors, and water leak detectors, are integrated into smart wiring systems which have a high [smart wiring devices market demand](#) globally due to the rise in smart cities. These sensors monitor environmental conditions and trigger automated responses, such as activating lights upon detecting movement, contributing to energy efficiency and personalized automation.

Furthermore, centralized smart home hubs and controllers serve as pivotal command centers. Devices like Amazon Echo and Google Home facilitate the control and coordination of various smart wiring devices through a unified interface, fostering seamless integration within a smart

home ecosystem. This centralized approach provides users with a comprehensive and cohesive smart living experience.

The global growth of smart wiring devices market trends are propelled by factors such as the increasing adoption of IoT technology, the prevalence of smart homes and buildings, and the growing demand for energy efficiency. Despite challenges like high initial costs, security concerns, and a lack of standardization, opportunities arise from the increasing demand for smart cities in emerging economies, positioning the smart wiring devices industry for continued innovation and expansion in the forecast period for wired smart switches.

By type, the smart switches segment dominated the smart wiring devices market in 2022 and is expected to dominate the market during the forecast period. Based on application, the residential segment accounted for the major share in global smart wiring devices industry trends, owing to a surge in demand from emerging markets globally. Region-wise, North America holds a significant share of the global smart wiring devices market, owing to the presence of prime players in this region. U.S. dominated the smart wiring devices market in the North America smart wiring devices market. The rise in investment by prime players in advanced smart electronics solutions such as smart switches, smart dimmers, and more paired with government agencies to develop and deploy next-generation industrial automation solutions has led to the growth of the smart wiring devices market analysis in this region.

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Key highlights -

- The global smart wiring devices market share was valued at \$8,127.8 million in 2022.
- The smart wiring devices market growth projections for smart switches segment was the highest revenue contributor to the market, with \$3,524.8 million in 2022, and is estimated to reach \$10,124.8 million by 2032, with a CAGR of 11.3%.
- The [smart wiring devices market segmentation](#) for the residential segment was the highest revenue contributor to the market, with \$4,381.9 million in 2022, and is estimated to reach \$14,263.3 million by 2032, with a CAGR of 12.6%.
- North America was the highest revenue contributor, accounting for \$2,560.2 million in 2022, and is estimated to reach \$6,881.9 million by 2032, with a CAGR of 10.5%.

The key players profiled for smart switch wiring in the report are GE, Schneider Electric, Legrand, Eaton, and others. Market players have adopted various strategies such as product launch, collaboration, partnership, joint venture, and acquisition to expand their foothold in the smart wiring devices market size.

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David Correa  
Allied Market Research  
+ 1 800-792-5285  
[email us here](#)

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