

OWON Technology Introduces Zigbee Motion Sensor Solution for Smart Building and HVAC Automation Projects

As a Zigbee motion sensor OEM supplier, OWON Technology expands its wireless sensing portfolio with the PIR323 multi-sensor for smart buildings, energy management, and Home Assistant integration.



Xiamen, Fujian Sheng Jun 1, 2026 ([Issuewire.com](http://www.Issuewire.com)) - As smart buildings, energy-efficient HVAC systems, and IoT automation continue to expand worldwide, the demand for reliable wireless sensing devices is growing rapidly. OWON Technology, a leading IoT device manufacturer and solution provider, today highlights its PIR323 [Zigbee Motion Sensor](#), designed to support smart building

automation, occupancy-based control, and environmental monitoring applications.

The PIR323 is part of OWON's expanding portfolio of Zigbee-enabled field devices used in commercial buildings, hotels, residential projects, and energy management systems. Built on Zigbee 3.0 technology, the sensor combines motion detection with environmental sensing capabilities, providing real-time occupancy and environmental data for automation platforms.

As a zigbee motion sensor OEM supplier, OWON Technology supports distributors, system integrators, smart building developers, and equipment manufacturers seeking flexible wireless sensing solutions for their projects.

The PIR323 supports:

- PIR motion detection
- Temperature monitoring
- Humidity monitoring
- Optional vibration detection
- Optional external temperature probe support
- Zigbee 3.0 communication

These features enable the device to participate in a wide range of automation workflows, including occupancy-based HVAC control, lighting automation, room utilization monitoring, and energy-saving strategies.

According to OWON Technology, wireless sensing is becoming a critical component of modern building management systems because it reduces installation complexity while improving scalability and operational efficiency.

The PIR323 can be integrated into smart building ecosystems through Zigbee gateways and supports deployment alongside thermostats, energy meters, relays, and environmental sensors. The device is also suitable for Home Assistant and Zigbee2MQTT-based automation projects.

Beyond standard products, OWON Technology provides OEM and ODM services for customers requiring customized wireless sensing devices and IoT hardware solutions.

With more than three decades of experience in electronics design and manufacturing, OWON Technology serves distributors, system integrators, utilities, HVAC equipment manufacturers, home builders, and smart building solution providers worldwide.

For more information about OWON's Zigbee motion sensor solutions and IoT products, visit www.owon-smart.com.

About OWON Technology

OWON Technology, part of LILLIPUT Group, is an ISO 9001:2015 certified original design manufacturer specializing in IoT devices, smart energy management, HVAC control, wireless building management systems, and customized IoT solutions. The company provides standard products as well as OEM/ODM services for global partners across smart building, energy management, and industrial IoT markets.

Media Contact

OwonTech

*****@owon.com

<https://www.owon-smart.com/>

Source : Owon Technology

[See on IssueWire](#)