

# Aeotec

GROUP



Works with  
**Samsung SmartThings**





# Aeotec

## The Story of Aeotec: Pioneering Smart Home Innovation.

Aeotec's journey began in 2006 with a vision to transform how people interact with their homes. Emerging from a desire to blend technology with simplicity, Aeotec set out to create smart home solutions that make everyday living more convenient, secure, and sustainable.

### Humble Beginnings.

Aeotec started as a small team of innovators passionate about home automation. They envisioned a world where technology seamlessly integrates into homes, enhancing comfort without complexity. Their initial focus was on Z-Wave technology, a wireless standard known for its reliability and interoperability, which soon became the foundation of Aeotec's ecosystem.

### Commitment to Quality and Innovation.

From the outset, Aeotec was committed to producing high-quality devices that were easy to use and robust in functionality. The company's first product, a compact and efficient smart switch, quickly gained popularity among early adopters of home automation. This success inspired Aeotec to expand its portfolio, developing sensors, controllers, and gateways that could work harmoniously in any smart home setup.

## A Milestone Partnership: Aeotec and SmartThings.

A pivotal moment in Aeotec’s journey came with its partnership with SmartThings on 2020, a leading smart home platform by Samsung. This collaboration marked a new era for Aeotec, allowing the brand to further its mission of delivering seamless, connected smart home experiences. As SmartThings transitioned its hardware production to focus on software and ecosystem development, Aeotec stepped in as a trusted partner to manufacture and distribute SmartThings-compatible devices. Aeotec became the exclusive provider of SmartThings hardware, including the SmartThings Hub and sensors, ensuring continuity and quality for SmartThings users worldwide.

## Expanding Horizons.

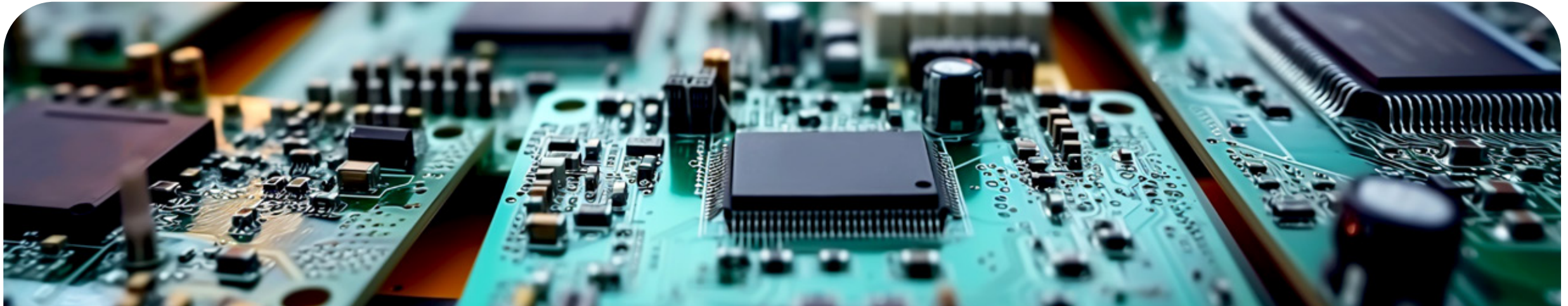
As the smart home industry evolved, so did Aeotec. Recognizing the need for a more connected and interoperable future, the company embraced new standards and technologies. While Z-Wave remained at the core of its offerings, Aeotec expanded into Zigbee, Wi-Fi, and, most recently, Matter—the universal smart home standard. This adaptability allowed Aeotec to stay at the forefront of innovation, catering to a growing global audience.

## Global Reach, Local Touch.

Aeotec’s reputation for quality and reliability propelled its growth beyond its roots, making it a trusted brand in over 100 countries. Despite its global presence with Headquarters in Shenzhen & Hamburg, Aeotec maintains a customer-centric approach, ensuring its solutions meet the unique needs of users in diverse regions.



# Smart Home Standards: The Backbone of Aeotec's Ecosystem



Aeotec has been pioneering with Z-Wave for more than 10 years. It is a wireless communication protocol specifically designed for professional smart home devices. Operating on a low-energy radio frequency, Z-Wave ensures reliable, secure, and efficient communication between devices like meters, sensors, locks, and thermostats. Known for its interoperability, its mesh or star network technology, Z-Wave has a strong coverage by allowing devices to relay signals, ensuring robust connectivity throughout the home. The latest generation of Z-Wave enables devices to send Long Range signals of up to 1 mile while keeping interoperability and highest security standards.



Aeotec has thrived to enhance its Smart Home portfolio by joining the Zigbee world in 2021. Zigbee is a low-power wireless communication standard designed for any smart home and IoT devices. Operating on 2.4 GHz and a mesh network, Zigbee enables devices to relay signals, ensuring extended range and reliable connectivity across large spaces. With its energy efficiency and customizable commands, Zigbee is ideal for light appliances, actuators and small sensors. With strong interoperability across certified devices, Zigbee supports diverse applications in different Smart Home ecosystems by SmartThings, Ikea and more.



With Aeotec's Smart Home Hub, we have opened our product world to be connectable with the Smart Home standard Matter. Matter is a global, open-source smart home standard developed by the Connectivity Standards Alliance (CSA), designed to ensure seamless interoperability between devices from different manufacturers and ecosystems. It provides a common language for smart home products, enabling them to work together reliably, regardless of brand or platform. Matter is based on IP (Internet Protocol), ensuring secure, fast, and scalable communication for most product device types.



Aeotec uses Wi-Fi for products, that require a high bandwidth like cameras or hubs. Since Wi-Fi is the most common wireless protocol to connect hubs, computers, smartphones, or cameras, it is already available in most homes and does not require an extra Hub. Usually the Wi-Fi device are interfaced to the internet through the existing router. Wi-Fi is commonly used in IoT use cases, which require a high data rate like video transmitting cameras. Even if it is used in most home electronics for communication, other protocols with low power bandwidth are more efficient for sensors and other battery operated devices.

# Innovation Leader in Z-Wave

Since the humble beginnings of Aeotec has always been committed to be a leader in the Smart Home industry and set the trends of professional Smart Homes.

By making high quality and innovative products, the standard Z-Wave has a pivotal role in the future of Smart Homes. Enhancing the radio to up to 1.5 miles and breaking the boundaries of the wireless limits, Z-wave brings Smart Home technology to the next level.

Aeotec's mission to make the Smart Home world a better place, has just started with the range of Z-wave Long Range and 800 series devices. With sophisticated engineering and exceptional technical knowledge, Aeotec pairs its 10 years Z-Wave experience with top notch technology. All to form the future of Smart living.

## Z-Wave Long Range (LR) Overview:

### Extended Range

Z-Wave LR offers wireless transmission up to 1.5 miles using Silicon Labs' EFR32ZG23 (+20 dBm), removing the need for repeaters and expanding coverage to large properties like hotels or MDUs.

### Optimized Battery Life

Dynamic power control adjusts for noise and interference, extending battery life—up to 10 years on a coin cell for sensors.

### Increased Scalability

Z-Wave LR supports more devices on a single network, keeping pace with growing smart home demands.

### Backward Compatibility

All Z-Wave LR devices are backward compatible and interoperable with older Z-Wave products, ensuring seamless integration within any Z-Wave network.

### Interoperability & Security

Z-Wave LR uses the S2 Security framework with end-to-end encryption and supports SmartStart inclusion only. All devices undergo Z-Wave Plus V2 certification for universal compatibility.

### Greater Coverage

With extended range and no need for mesh networks, Z-Wave LR enables robust, secure connectivity even for large-scale or outdoor deployments.



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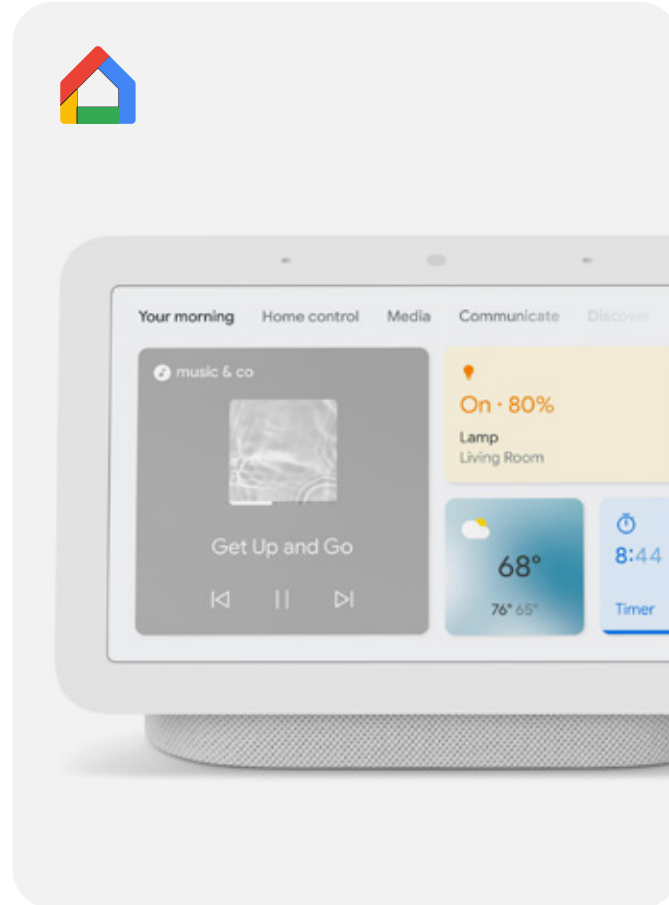


# SmartThings

Explore the endless possibilities of the Aeotec Works with SmartThings portfolio. Connect sensors with actuators to switch on lights automatically, when there is movement. Or receive a push message if someone opens the window unauthorized. Home automation can be experienced on a new level thanks to the compatibility of the Aeotec products with the SmartThings app.

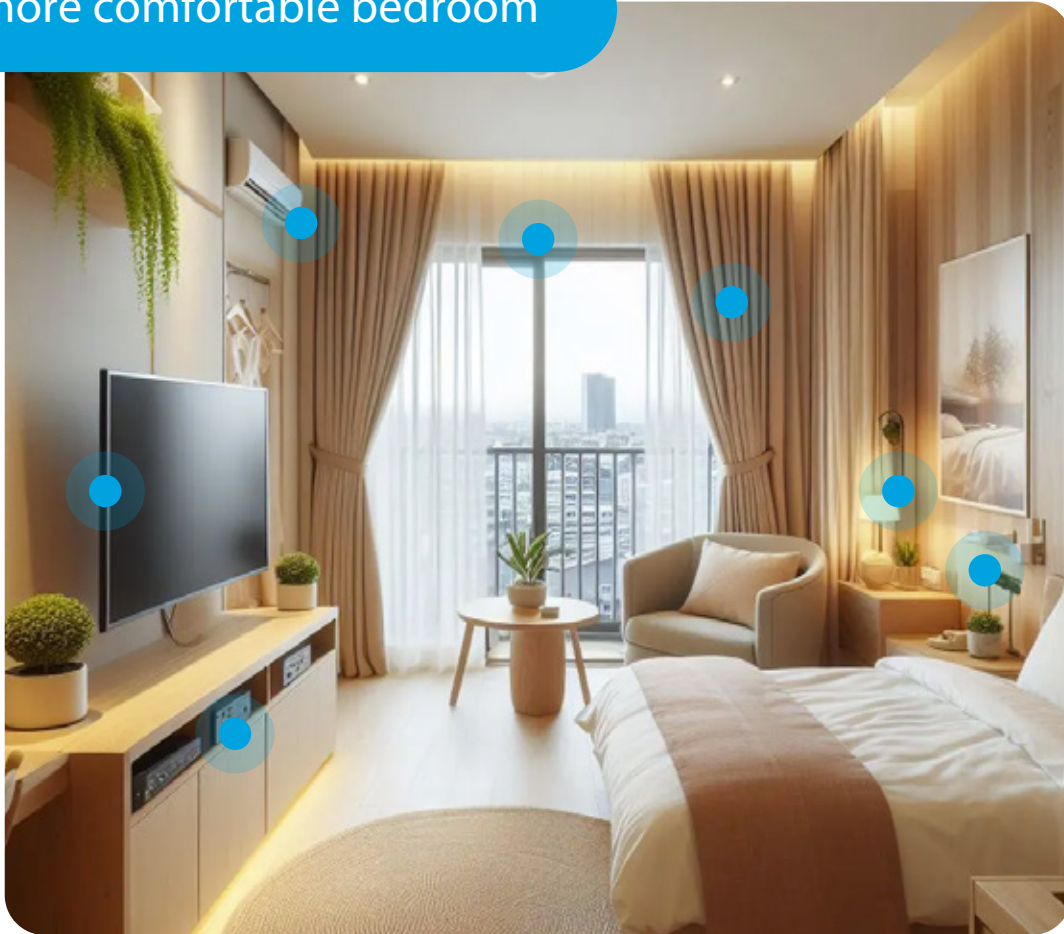


# Complete Compatibility



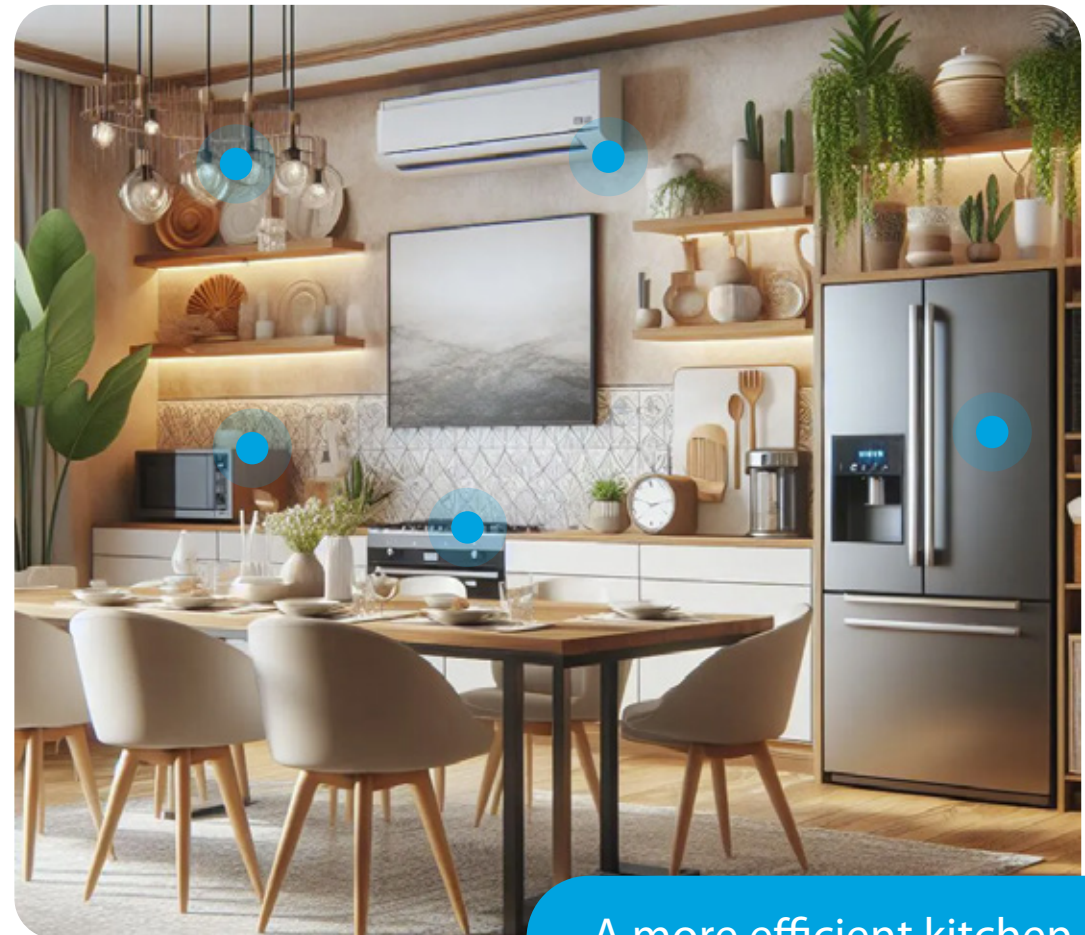
# Home Automation at its Finest

## A more comfortable bedroom



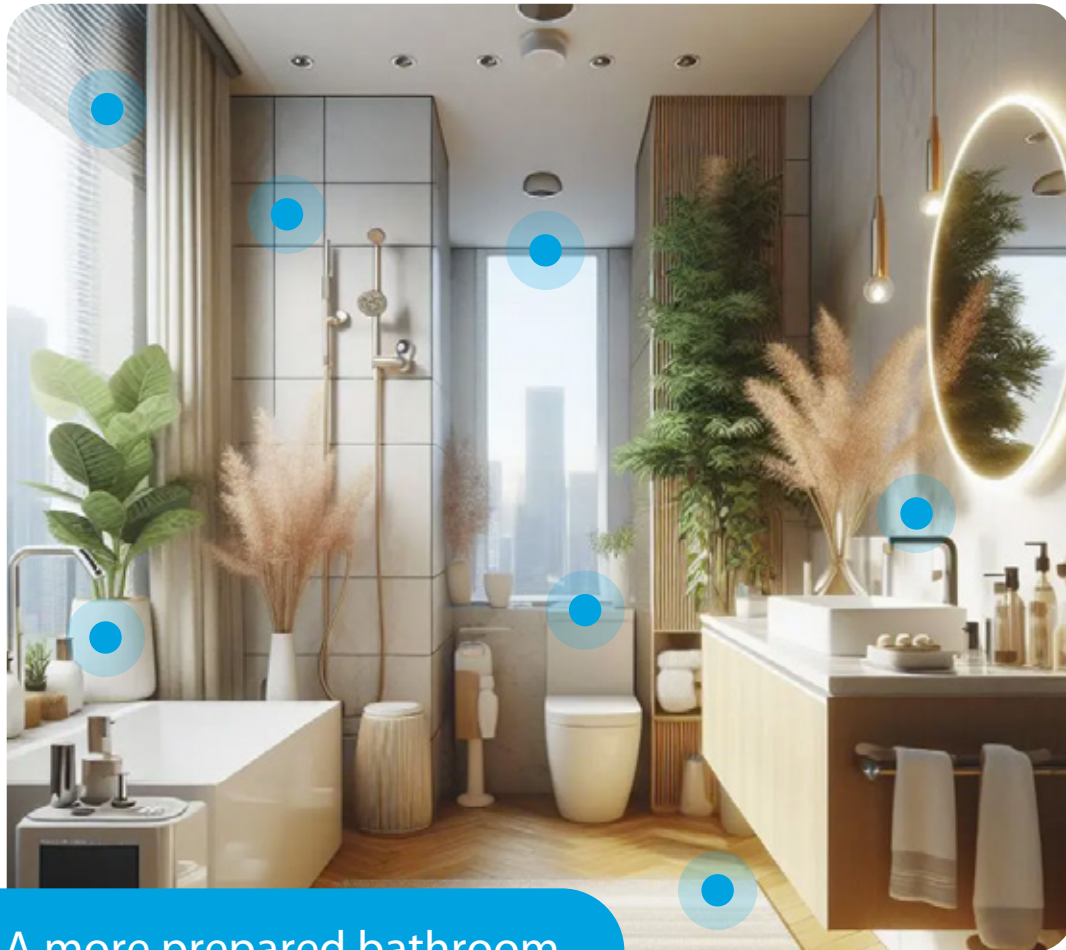
After a long day, you step into your bedroom. The lights adjust to a warm glow by the TriSensor, the Smart Switch made the TV ready, and the Thermostat has set the perfect temperature by the help of the TriSensor. Door and Window Sensors ensure windows and doors are secure, while the curtains let in just the right amount of light. Everything is tailored to your comfort and security, making your bedroom a perfect haven of relaxation.

Imagine walking into your kitchen, where the lights brighten as you enter. The AC keeps the temperature just right, and the curtains adjust to let in natural light by the help of Window Sensor. Your coffee machine starts brewing your morning cup, while the microwave, and stove are ready to assist with meal prep. Smart Switches ensure all appliances are safely monitored, making your kitchen an efficient, secure space for culinary creativity.



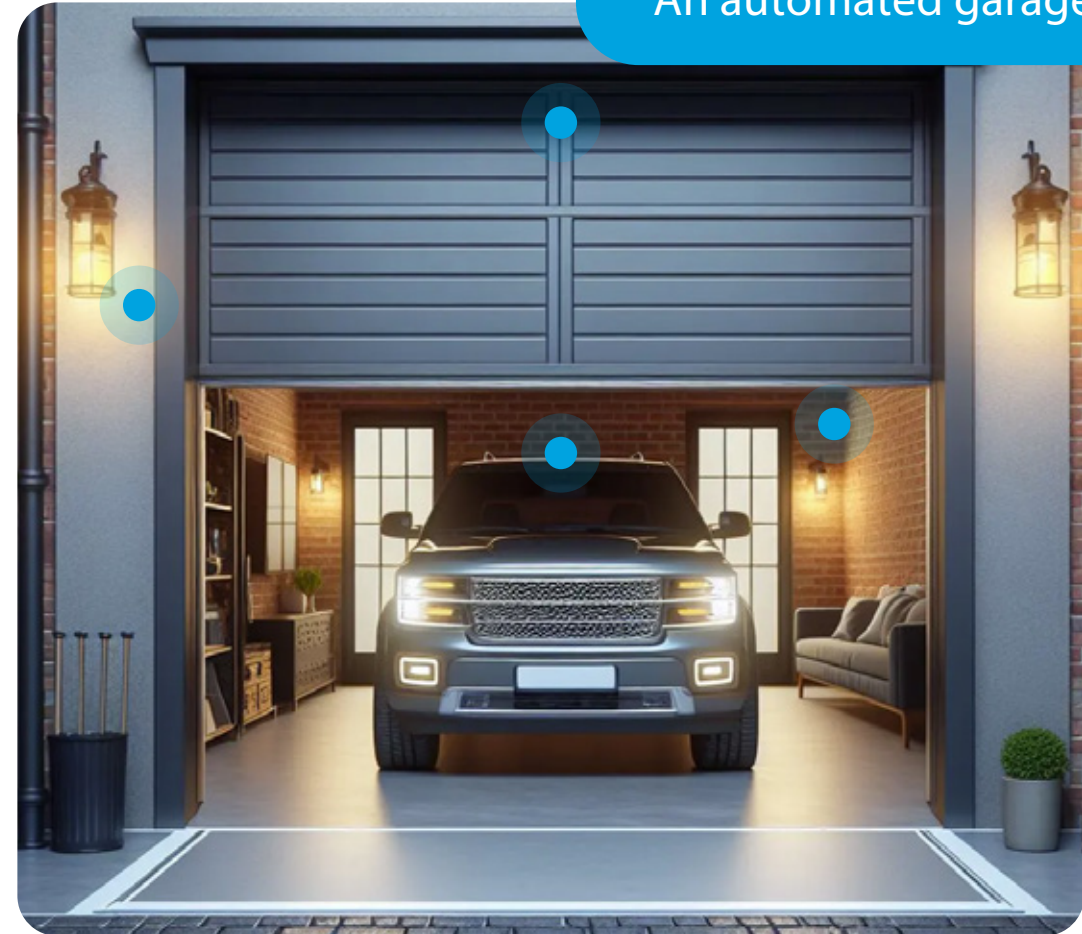
## A more efficient kitchen

Think of stepping into your bathroom where the lights gently illuminate the space, and the temperature is perfectly set by TriSensor. Humidity and moisture levels are monitored, ensuring a dry and comfortable environment. The windows and curtains adjust for privacy and natural light with Window Sensor, creating a warm, well-lit sanctuary. With smart sensors, your bathroom is always prepared, comfy, and secure, providing a refreshing experience every time.



A more prepared bathroom

An automated garage



Imagine a time when your garage anticipates your every need. As you arrive, the garage door opens smoothly, welcoming you with perfectly adjusted lighting. When you leave, the door closes securely, and the lights turn off to save energy. Advanced security sensors continuously monitor the space, giving you peace of mind. Your garage becomes a seamless extension of your home, effortlessly blending convenience, comfort, and security.

# Products



Aeotec

# Smart Home Hub

World's #1 Works as a SmartThings Hub.



Hub for the leading Smart Home platform of SmartThings



Create routines and scenes based on your daily habits



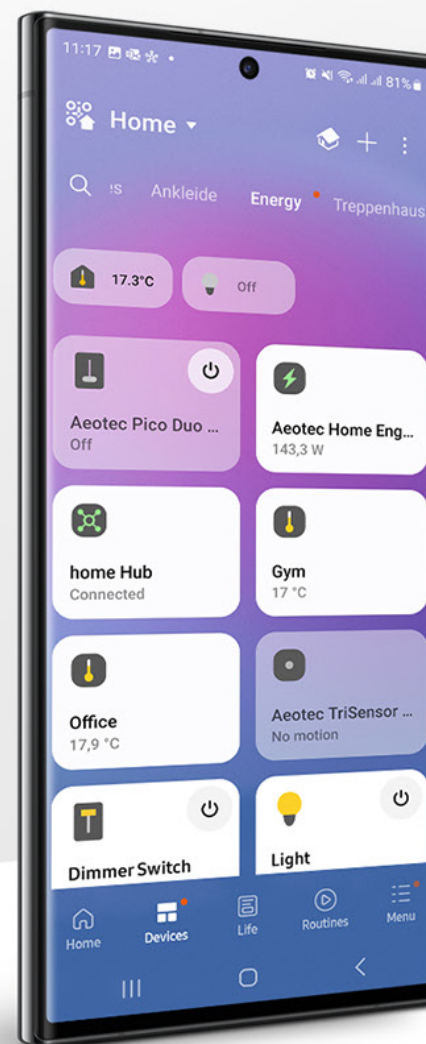
Local routines for more security



Compatible with more than 3000+ different 3rd party products



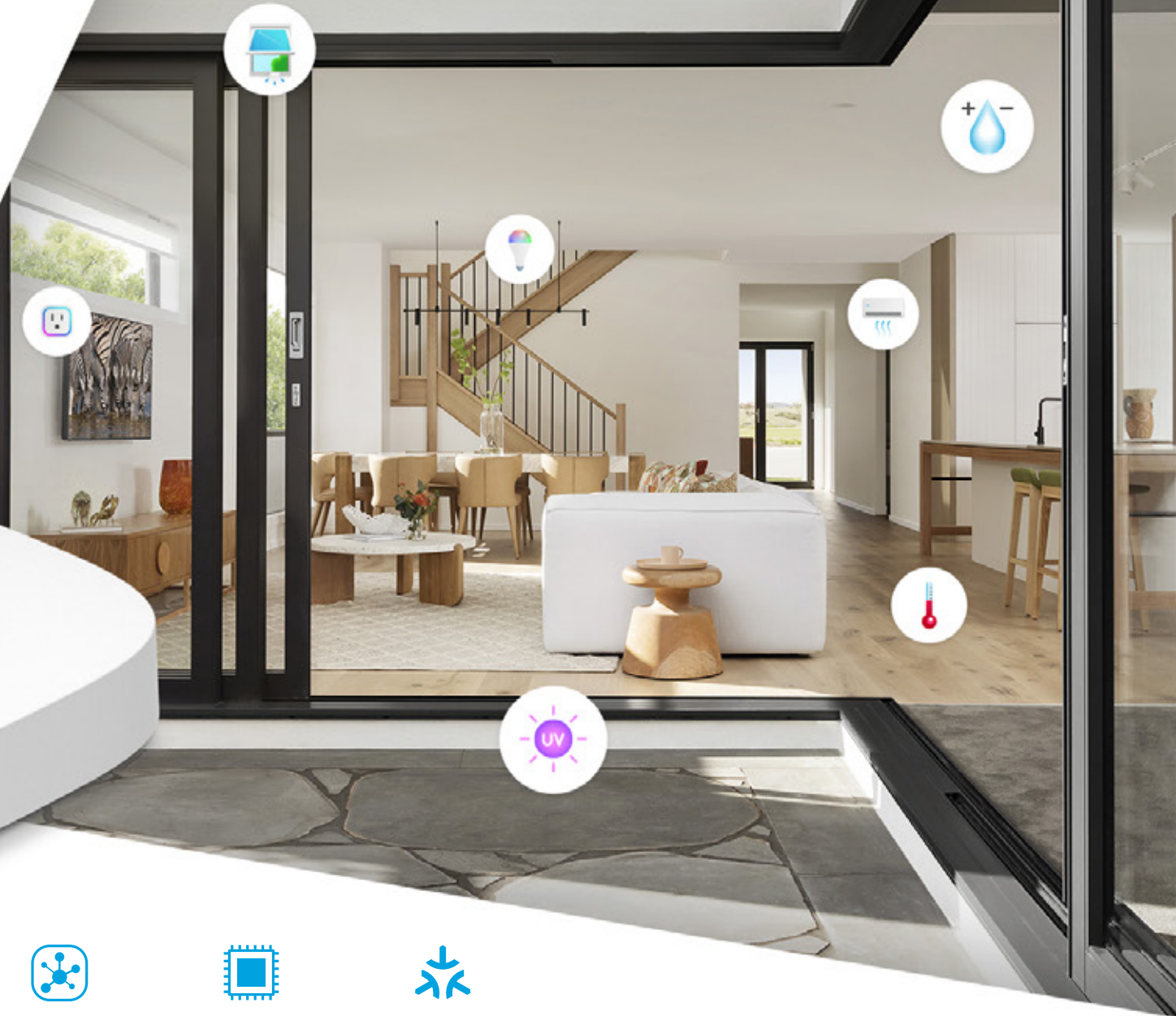
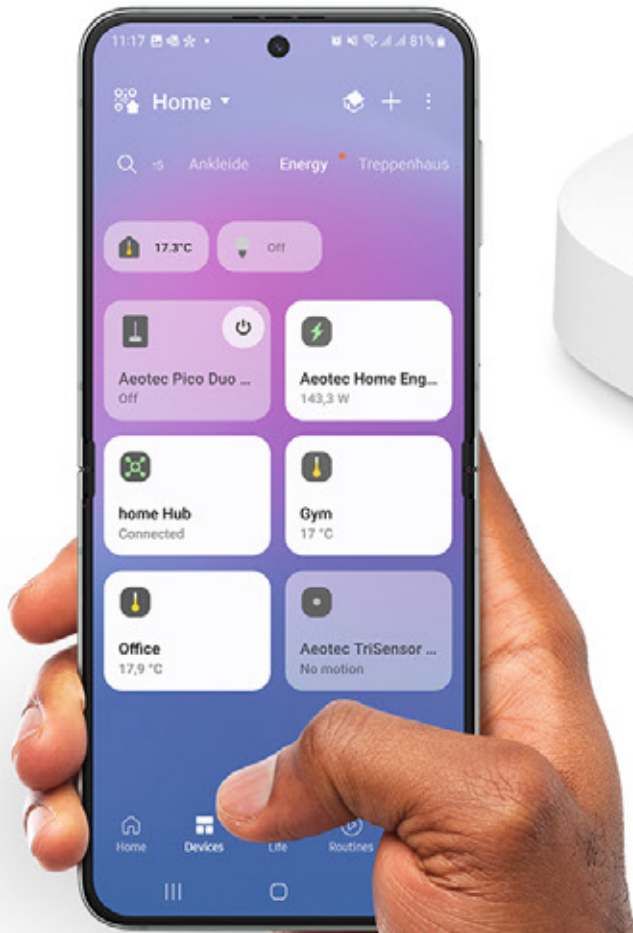
Voice controllers, Google Assistant and Alexa



Aeotec

# Smart Home Hub 2

The latest Works as a Samsung SmartThings Hub with cutting edge hardware.



Hub for the global IOT platform SmartThings



Compatible with more than 2000+ devices



Matter, Thread & Zigbee enabled hub, connect up to 300 devices to one single Smart Home Hub 2



Enhanced processing and memory function for local automations & edge computings



Connects with other Matter Controllers



Works as a hub  
**SmartThings**

# CONTROLLERS

The heart of your Smart Home system.



“Changing living room setting to Movie Time.”

Controlling individual devices is smart, but the intelligent and automatic interaction of devices is even smarter. The true added value of your Smart Home is that it works for itself, making your everyday life easier through automation. That is exactly what Controllers are designed for. They are the base of your Smart Home system, bundling all information locally on one device. This cross-device communication enables scenarios and automations that turn regular processes into self-executing actions.

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## Autopilot

OEM Only

One push home control.



Z-Wave Plus V2



Long Range enabled



Local control and automation



OEM model



Clustering



Deep configuration

Aeotec

## Z-Stick 10 Pro

NEW

Become a Smart Home maker. Build your own powerful Z-Wave & Zigbee gateway.



Z-wave and Zigbee antenna for DIY PC Controllers like Raspberry Pi



Works with Open Source Smart Home systems



USB interface with standard NCP commands from SiLabs



Aeotec

## Z-Stick Gen5+

Plus model of Aeotec's leading Z-Stick Gen5 technology.



Compatible with Raspberry platform, Mac, Windows, Linux, and more



Easy connection of Z-Wave devices via Smart Start setup function



Enhanced security with Z-Wave S2 standard



Aeotec

## Z-Stick 7™

Build your own gateway.



Compatible with Raspberry platform, Mac, Windows, Linux, and more



Enhance your automation system's security and privacy by hosting it locally



Gen7; built upon Z-Wave 700 series, S2, and SmartStart



Aeotec

## Zi-Stick

OpenThread enabled gateway development tool.



Built upon OpenThread to enable platforms to be used as Border Routers



IEE 802.15.4 radio support for Thread and Zigbee



Future proof design to be built with Matter



Aeotec

## Z-Pi 7™

Gateway development tool.



Compatible with Raspberry platform, Mac, Windows, Linux, and more



Uses ZIP compatible open-source custom and pro softwares



Gen7; built upon Z-Wave 700 series, S2, and SmartStart

# ACTUATORS

Made for actions.



“Find out how much electricity your home uses.”

Actuators are used to perform or send action commands in your Smart Home. This means that actuators execute programmed tasks as soon as they receive a signal from a linked trigger in your Smart Home. With devices supporting Wi-Fi, Zigbee, or Z-Wave technologies, it can regulate the heating, switch lights, stream live videos, control the shades, trigger acoustic alarms, and much more. By automating all these actions, Actuators will make your life more comfortable and safer as they take over simple to complex tasks in your home.

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## Range Extender Zi

Extends and amplifies Zigbee signals up to 100m in a network.



Compatible with other Zigbee products



Repeats signals



Amplifies signals

Aeotec

## Range Extender 7™

Increases automation networks coverage up to 250%.



Repeats and amplifies signals



300/500 series backwards compatible



Gen7; built upon Z-Wave 700 series, S2, and SmartStart

Aeotec

## Smart Switch 7™ (type B)

Our smallest, smartest Z-Wave plug with type B plug. Wholly re-engineered atop of Gen7 and 700 series Z-Wave. Includes power metering.



Accurate 2 way energy metering for production & consumption of electricity in your grid

10<sup>A</sup>

10A Inbuilt surge & Over-current protection



Uses S2 and SmartStart for 5-second installation

Aeotec

## Smart Switch 7™ (type F)

The smallest and safest Z-Wave smart plug engineered with type F plug. Includes power metering.



Accurate 2 way energy metering for production & consumption of electricity in your grid

10<sup>A</sup>

10A Inbuilt surge & Over-current protection



Uses S2 and SmartStart for 5-second installation

Aeotec

## Smart Outlet Wifi (type F)

Wifi based Works with SmartThings plug for switching and real time energy monitoring.



Real time energy use monitoring

10<sup>A</sup>

Up to 10A power control



Use it without a Hub via Wifi

Aeotec

# Heavy Duty Smart Switch Gen5

40 amps smart switch & energy monitor.



Controls manually or via schedule



IP44 rated for indoor or outdoor use



99% accurate energy-use monitoring

POPP

# Smart Thermostat

Heating controller and temperature sensor for radiator heaters.



Inbuilt temperature sensor



Child lock function



Open window detection



Most silent ETRV Servo in the market

Aeotec

# WallMote Quad™

Z-Wave battery powered remote control with magnetic mounting for walls.



Built in long life rechargeable battery



Scene controller



4 button controller with direct association capability

# illumino<sup>®</sup> Wall Switch

Replaces existing switches with automation, scheduling, and local control.



Light controller



3-way switch

# illumino<sup>®</sup> Dimmer Switch

Makes your lighting more powerful than ever before.



Optimize dim levels



Dim controller



Light controller



3-way switch and dimmer capable

# illumino<sup>®</sup> WallMote 7

Wire-free battery powered remote control designed as a wall switch.



Scene controller



Looks like a switch, runs like a remote



Multitap function for up to 6 scenes

Aeotec

## Button

One push Zigbee home control with built in temperature sensor.



Controls connected devices



Monitors temperature



Compatible with other Zigbee products

Aeotec

## Pico Switch with Energy Metering

Retrofittable inwall single switch to control and read the energy consumption of sockets or lights via Zigbee.



16<sup>A</sup>

Controls up to 16 amps



Accurate energy use monitoring



Installs invisibly behind socket or switch

Aeotec

## Pico Duo Switch with Energy Metering

Retrofittable inwall Double switch to control and read the energy consumption of sockets or lights via Zigbee.



(2x) 8<sup>A</sup>

High rated power & handles up to 8A per output



Accurate energy use monitoring



Installs invisibly behind socket or switch

Aeotec



# Pico Dimmer™

Retrofittable inwall Dimmer to dim lights via Zigbee, upgradable to Thread and Matter ready products.



Works with or without neutral wiring



Supports both leading and trailing edges



Installs invisibly behind socket or switch

Aeotec



# Pico Matter Dimmer™

Retrofittable inwall Dimmer to dim lights via Zigbee, upgradable to Thread and Matter ready products.



Works with or without neutral wiring



Supports both leading and trailing edges



Installs invisibly behind socket or switch

Aeotec

# Pico Shutter™

Retrofittable inwall motor switch to control shutters and blinds via Zigbee, upgradable to Thread and Matter ready products.



3.6<sup>A</sup>

Handles up to 3.6 amps



Controls exact position of shades, shutters, or electric curtains



Controls and tilts venetian blinds precisely

Aeotec

## Siren 6™

Z-Wave indoor siren with 105 dB speaker.



Pre-loaded with 30 tones; 13 security and safety focused



Visual alerts via inbuilt strobe



105 db indoor chime

Aeotec



## Siren 8™

Z-Wave 800 series enhanced indoor siren with back up battery for maximum security.



Pre loaded with 10 tones and different light patterns



Visual alerts via inbuilt strobe



105 db indoor chime

Aeotec

## Cam 360

Get a 360 degree view of your room at a glance.



360° panoramic monitoring with 1080p FHD



Talk and listen via 2-way audio



Movement detection



24-hours of free cloud storage

# SMART SENSORS

Intelligence for intelligent homes.



“It’s hot today at 31°C in the living room.”

Sensors are essential for automation processes in your smart home. Our sensors, with devices supporting either Zigbee or Z-Wave technologies, provide vital data to make your home network truly smart. The sensors do not only collect and transfer the data to your base station, but also trigger linked automations. By providing essential information, smart sensors improve your well-being at home. Collected data is also used to warn, inform, and save you if any unusual conditions in your domestic comfort zone occur.

Aeotec

NEW

## MultiSensor 8

6 in 1 a state of the Z-Wave 800 series MultiSensor. Made to monitor all your vital room environment data.



Motion sensor



Light brightness



Temperature sensor



Humidity sensor



Acceleration sensor



Dew point sensor

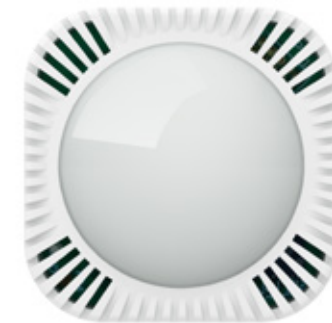


Optional USB-C power supply

Aeotec

## TriSensor 8

Latest Z-Wave technology  
3 in 1 fundamental motion sensor.



Senses motion of object in up to 10m distance



Light brightness



Temperature sensor


Aeotec

NEW

# Door Window Sensor 8

Secure your doors and windows with the top notch open and close sensor. Enhanced with room air sensors and tilt detection.



-  Open close detection
-  Accurate temperature and humidity sensing
-  Latest Z-Wave 800 series technology for peak performance
-  Built in accelerometer for tilt detection
-  Optional USB-C power supply




Aeotec

NEW

# Water Sensor 8

Water leak sensor with built in temperature & humidity sensor for enhanced safety.



-  Water Sensor probe port for leakage detection systems
-  Accurate temperature and humidity sensing
-  Latest Z-Wave 800 series technology for peak performance
-  Dry contact input for connection of binary sensors
-  Optional USB-C power supply

Aeotec

# aërQ 8



Room air sensor to enhance your well being and increase the efficiency of climate solutions.



Accurate temperature and humidity sensing



Warning of potential mold danger



Latest Z-Wave 800 series technology for peak performance



Optional USB-C power

Aeotec

# SmokeShield



Z-Wave 800 series module for EI 10-year Smoke Sensor.



Module fits on market leading EI Electronics 10 year Smoke Sensor



Immediate alert to your Z-Wave gateway in case of fire emergency



Z-Module with own battery for up to 10 year battery lifetime

Aeotec

# Water Leak Sensor

Leak detector and temperature.



Monitors water leaks with dual sided water leak detection



Monitors temperature



Compatible with other Zigbee products

Aeotec

# Recessed Door Sensor 7

Invisible security and automation sensor.



Truly invisible;  
installed within  
door and frame



Monitors door  
open / close  
activity



Gen7; built upon Z-Wave  
700 series, S2, and  
SmartStart

Aeotec

# Motion Sensor

2-in-1; motion and temperature.



Monitors motion  
120° viewing  
angle



Position with  
tiltable, magnetic  
mount



Monitors  
temperature



Compatible with  
other Zigbee  
products

Aeotec

# Multipurpose Sensor

3-in-1; open/close, vibration and temperature.



Monitors  
doors and  
windows



Monitors  
temperature &  
vibrations



Compatible with other  
Zigbee products

Aeotec

# Home Energy Meter 8 (1 Phase)

Analyses electricity produced and spent for a more sustainable home.



Real-time reporting of electricity consumption and production of your home grid

200<sup>A</sup>

Up to 200 amps measurements

99%

99% accurate energy-use monitoring

Aeotec

# Home Energy Meter 8 (2 Phase)

Analyses electricity produced and spent for a more sustainable home.



Real-time reporting of electricity consumption and production of your home grid

200<sup>A</sup>

Up to 200 amps measurements

99%

99% accurate energy-use monitoring

Aeotec

# Home Energy Meter 8 (3 Phase)

Analyses electricity produced and spent for a more sustainable home.



Real-time reporting of electricity consumption and production of your home grid

200<sup>A</sup>

Up to 200 amps measurements

99%

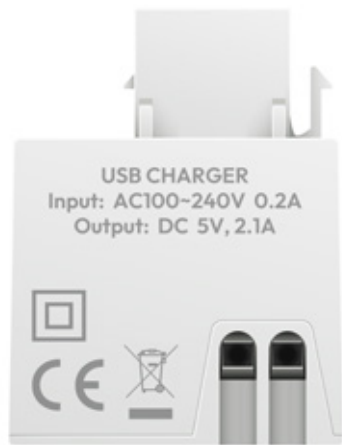
99% accurate energy-use monitoring

# ACCESSORIES

Aeotec

## KeyStone USB Power Adapter

Versatile USB Power Supply – Perfect for Smart Home Devices.



USB Type-A port seamless integration into keystone-compatible systems or walls



Ideal compatibility with Aeotec Multisensor 7 and other Smart products

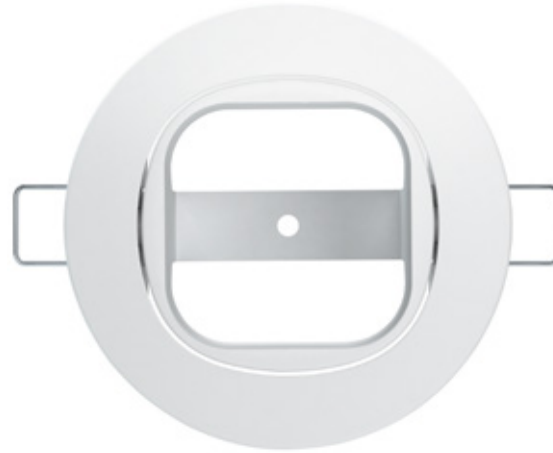


Stable, discreet, and space-saving power delivery

Aeotec

## Recessor

Whether it's within a wall or in a ceiling, Recessor lets MultiSensor 8 and TriSensor 8 be subtly installed within the cavity space.



1.2 cm of sensor



Self-holding



Ceiling installation



Wall installation

Aeotec

## Lasso Sensor

A long sensor for the detection of very small quantities of liquid.



Works with Dock for Water Sensor 7



Detect water leaks



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 [www.aeotec.com](http://www.aeotec.com)

 [@aeotec\\_official](https://twitter.com/aeotec_official)