Aeotec AutoPilot OEM Development Sample

SKU: AEOEZWA029

Quickstart

This is a **Z-Wave Device** for **XXXQFrequencyName.** To run this device please connect it to your mains power supply.

Important safety information

Please read this manual carefully. Failure to follow the recommendations in this manual may be dangerous or may violate the law. The manufacturer, importer, distributor and seller shall not be liable for any loss or damage resulting from failure to comply with the instructions in this manual or any other material. Use this equipment only for its intended purpose. Follow the disposal instructions. Do not dispose of electronic equipment or batteries in a fire or near open heat sources.

Product Description

State of the art OEM / ODM gateway for individual customer solutions.

AUTOPILOT - The smart OEM-Gateway.
The AutoPilot was developed together with our partner Aeotec as an OEM product and is designed exclusively individual customer solutions. Its flexible customizability allows on-site and remote installers to constantly adapt the system to growing requirements.

Full control everywhere.
Combined with smart devices, AutoPilot is used to automate and control buildings. It can be used for the management of small rooms as well as for large buildings. Intelligent automations, so-called "AutoPilots", offer you and your customers further possibilities to adapt our solution to your own requirements. These focus primarily on the following four core areas: Rooms & Surroundings, Well-Being, Protection & Notification and Security & Information.

Modular, intuitive and scalable.

- Thanks to the various functions, the AutoPilot can be easily integrated into any environment. The modular architecture allows features to be adapted, extended or developed from scratch as required.

- Designed for MDUs and remote assets, AutoPilot Clustering enables remote and automated management of multiple assets from a single user interface.

- If the cloud goes down, automation should not be interrupted. To avoid downtime and data leaks, AutoPilot processes automations and user data locally, without the cloud.

- AutoPilot can be controlled and managed via the in-house web app, smartphone apps and voice control. Access rights can be assigned to individual users.

- AutoPilot servers can deliver notifications to smart devices, email and SMS notifications, and push notifications via API, whether they are directed to an end user, a system supervisor, or their administrator.

- From when and why something happened to the usage of entire rooms and individual electronics, AutoPilot offers granular and configurable report suites and auditable logs.

- Native-connected devices can be fine-tuned on-site or remotely with AutoPilot, with all configuration settings and parameters available to the manager of an installation.

Centrally networked or "locally" deployable.

- AutoPilot Apart & Aeotec ID: As a central interface to all AutoPilot installations, each user or installer can use "AutoPilot Apart" to manage all linked systems quickly and easily. To use this service, an Aeotec ID account is required. In addition, the AutoPilots must be linked to this account.

- Local installation: The AutoPilot can also be operated "locally" without an Aeotec ID account and the AutoPilot Apart service. To receive continuous

updates and use some services, an Internet connection is required.

AutoPilot uses the following components which have a long term support and are already used in thousands of systems.

- Orange Pi Zero H3 – QuadCore Cortex A7 / 512MB DDR3

- Aeotec Z-OPI 7 (An adapted variant of the Z-PI7 Z-Wave GPIO controller)

The AutoPilot-Stack can also be deployed on other Architectures to provide the Stack as SAAS-solution. A corresponding evaluation can be carried out together with A.I.Pilot GmbH. Appropriate adjustments will be done from us as well to ensure the compatibility and smooth operation with the required Hardware.

Features:

- Certified Z-Wave 700 gateway for individual customer solutions

- SmartStart, Security V2, Z-Wave Plus V2

- Z-WAVE 700: Z-Wave V2 certified hardware and software stack.

- LOGIC EDITOR: Intuitive and comprehensive with word set engine.

- THIRD-PARTY: Third-party integrations, like Philips HUE and Sonos.

- FLEXIBLE: REST API, MQTT and extensive customization options.

Interfaces:

- ZIP Stack compatible middleware

- Self-developed automation engine

- Open API for the connection of 3rd party products

- Web interface for configuration and installation of devices

- Own remote service

Hardware:

- Proven OS, which has already been used in over 100k + applications

- ARM Quad Core, 512MB DDR RAM, WiFi, USB2.0, 100M Ethernet Port

- Silabs Z-Wave 700 series adapter with PCB antenna with up to 150m range

Software:

- Regular firmware updates

- OS and middleware updates based on the latest vendor SDKs

- Agile software for integrating third-party APIs and devices into Autopilot

Reset to factory default	XXXResetDescription
Inclusion	XXXInclusionDescription
Exclusion	XXXExclusionDescription
NIF	XXXNIF
Wakeup	XXXWakeupDescription
Protection	XXXProtection
FirmwareUpdate	XXXFirmwareUpdate
SetAssociation	XXXSetAssociation

Technical Data

Dimensions	0.1370000x0.1370000x0.0410000 mm
Weight	283 gr
EAN	1220000016835
Certification ID	ZC12-20020032
Frequency	Europe - 868,4 Mhz
Maximum transmission power	5 mW

EuropeZ-Wave Device