



AFRISOhome gateway HG 01

benefits

- Base module of your building management system
- Communication via WLAN or LAN
- versatile combinations of products of the EnOcean®, and Z-Wave and Zigbee Alliance
- Voice command via Alexa (Amazon Echo) or Google Assistant (Google Home)

Application

For controlling and managing all EnOcean® and Z-Wave wireless sensors and actuators; extensions for ZigBee are available. Events, messages and measured values are documented and alarms are transmitted to mobile devices such as smartphones or tablets, if necessary. The power-saving AFRISOhome gateway HG 01 is ideal for continuous operation as a fully featured building management system based on EnOcean® wireless technology. Ideal for creating a smart building system in apartments, apartment buildings and administration buildings.

Description

The AFRISOhome gateway HG 01 was designed for the reliable operation of building management systems. All sensors and actuators of the EnOcean® Alliance are immediately recognised and can be easily integrated into the building management system via plug & play. LAN and a WLAN interface are provided for Internet access and communication with routers and smartphones. It is also possible to operate the AFRISOhome gateway without Internet connection; in this case, an independent WLAN network is created. All user data and passwords are stored and processed locally on the AFRISOhome gateway. An optional extension module for the wireless standards Zigbee is available, which provides an even wider selection of sensors and actors as well as application possibilities.

The free AFRISOhome app for iOS and Android allows for fast and easy operation of the gateway. Building management systems based on an AFRISOhome gateway excel with virtually unlimited customisability and extensibility.

Technical Specifications

Operating temperature range

Ambient: 0/40 °C

Storage: -20/+60 °C

Supply voltage

AC 100 – 240 V

Frequency: 50 – 60 Hz

Power input: max. 10 W

Housing

W x H x D: 205 x 146 x 37 mm

EnOcean® wireless

Frequency: 868.3 MHz

Transmission power: max. 10 mW

Range: 10 – 30 mm

Range: depending on room arrangement and materials in the building