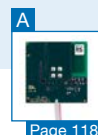# AFRISOhome gateway HG 01

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

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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 home 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® and Z-Wave Alliance are immediately recognised by the gateway and can be easily integrated into the building management system via plug & play. LAN, WLAN and/or GSM interfaces 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. Optional on extension module for the wireless standard Zigbee is available, which provide an even wider selection of sensors and actors as well as application possibilities. The free AFRISOhome app (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 to 30 m (depending on room arrangement and materials in the building)
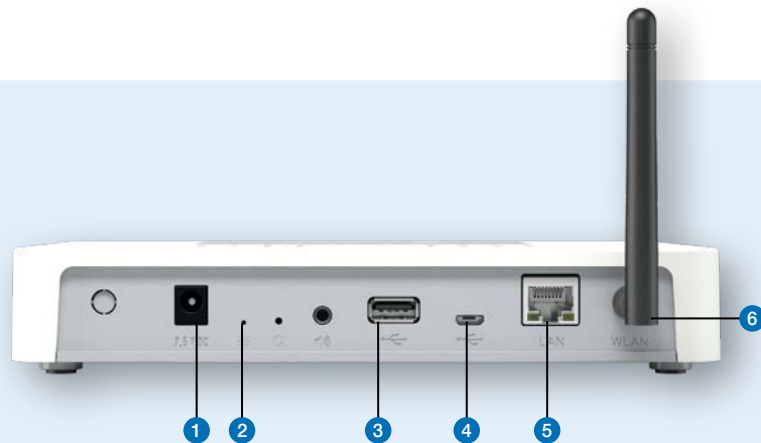
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See www.afrisohome.com for interoperable products (whitelist)

AFRISOhome gateway HG 01

enocean®

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1 Mains connection	3 USB 2.0	5 LAN RJ45
2 Reset	4 Mini USB 2.0	6 WLAN antenna

Smart Home with AFRISOhome Gateway

AFRISO Smart Home Sensors

enocean® | ZigBee

ZWAVE | WLAN

Sensors of other vendors

| (e. g. Amazon, Google) | (e. g. Philips, Osram, IKEA) | (e. g. Netatmo) |

DG: L, PG: 4	Part no.	Price €
AFRISOhome gateway HG 01 with WLAN, LAN and wireless modules EnOcean® and Z-Wave	**78109**	
Accessories		
Extension module Zigbee	**78996**	

AFRISO