AFRISOhome gateway HG 01

enocean®

- ▪ **Base module of your building management system**
- ▪ **Communication via WLAN, LAN or GSM**
- ▪ **Versatile combinations of products of the EnOcean® and Z-Wave Alliance**
- ▪ **Can be combined with additional sensors of the wireless standards Zigbee and M-Bus**

A

5

Application

For controlling and managing all EnOcean® and Z-Wave wireless sensors and actuators; extensions for ZigBee and wireless M-Bus 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. This means that the sensors and actuators can also communicate in holiday homes; in such a case the messages to a smartphone are sent via the GSM module. All user data and passwords are stored and processed locally on the AFRISOhome gateway. Optional extension modules for the wireless standards Zigbee and M-Bus are 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

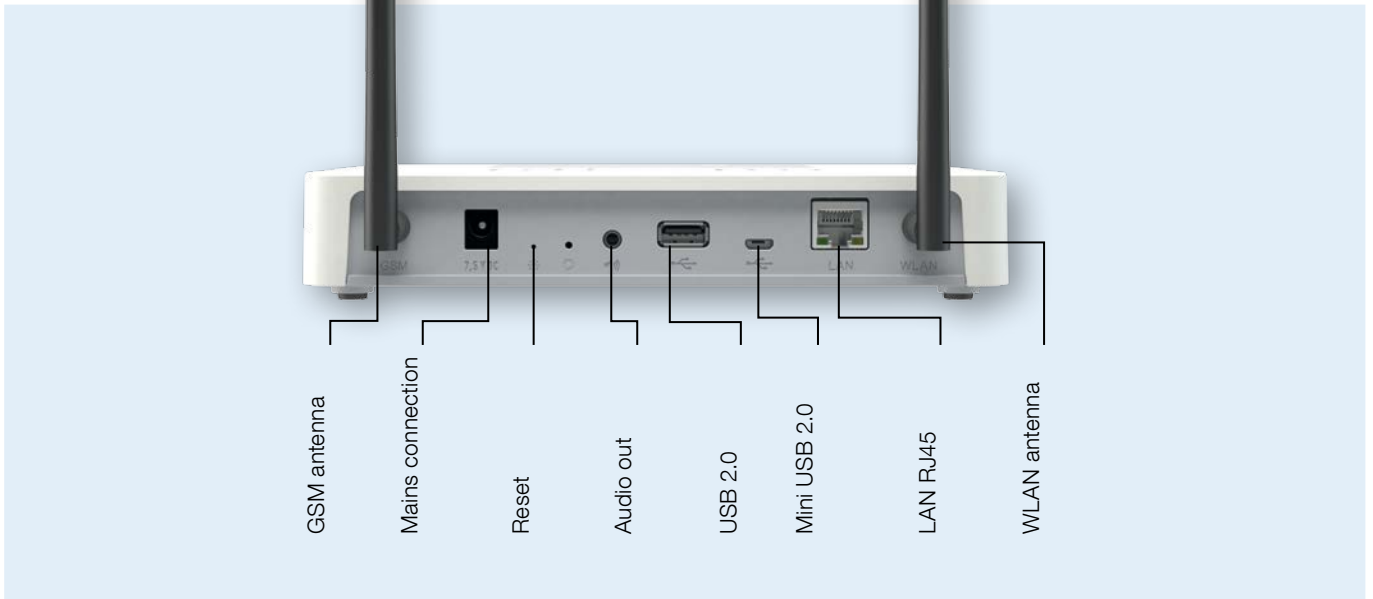**Operating temperature range**
Ambient: 0/40 °C
Storage: -20/+60 °C

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)

i

See operating instructions for detailed information on the range of the EnOcean® wireless module.

AFRISO

AFRISOhome gateway HG 01

enocean®

GSM antenna

Mains connection

Reset

Audio out

USB 2.0

Mini USB 2.0

LAN RJ45

WLAN antenna

5

Smart home with AFRISOhome gateway

DG: L, PG: 4	Part no.	Price €
AFRISOhome gateway HG 01-GSM with W-LAN, LAN, GSM and wireless modules EnOcean® and Z-Wave	78108	
AFRISOhome gateway HG 01 with W-LAN, LAN and wireless modules EnOcean® and Z-Wave	**78109**	
Accessories		
Extension module Zigbee	**78996**	
Extension module M-Bus	**78973**	

i

See operating instructions for detailed information on the range of the EnOcean® wireless module.