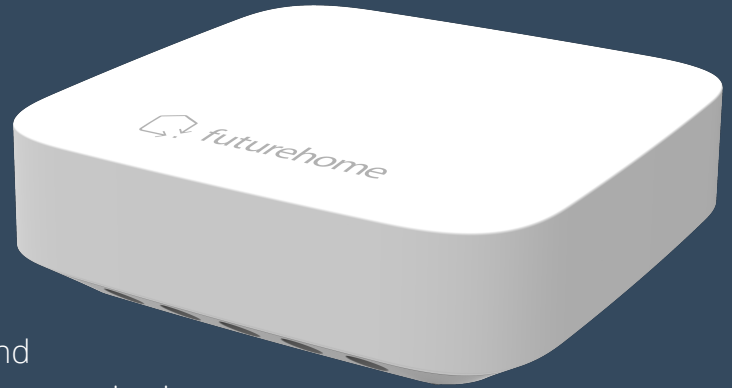


Smarthub

CUBE-1V0-EU



Z-Wave and EnOcean based home automation central gateway. Connected to your home network and running the Futurehome software stack, it provides communication between supported smart home products and the Futurehome cloud and mobile applications.

Setup Instructions: startguide.futurehome.noList of supported devices: produkter.futurehome.no

GTIN-13: 7090038750025

Elnummer (NO): 4544500

Specifications

Electrical/ Hardware

Rated voltage: 5VDC**Rated current:** 2,5A**Power Consumption:** 4,3W**DC connector:** 5VDC, 2,5A, round; 2,1x5,5x10 mm, inside positive**External power supply:** AC 230V 50/60Hz, 5V 2,5A out**Processor:** ARM 11, 700MHz**Memory:** 512MB**Storage:** 4GB eMMC**OS:** Futurehome CubeOS 3

Mechanical

Weight: 152g**Dimension:** (LxWxH) 105mm x 105mm x 32mm**Material:** ABS Plastic**Color:** RAL 9003 Signal White **Finish:** VDI24

Operating Conditions

Protection grade: IP20**Operating temperature:** 0-35°C**Moisture resistance:** IPX0**Operation mode:** continuous**Protection class:** III

Communication Protocols

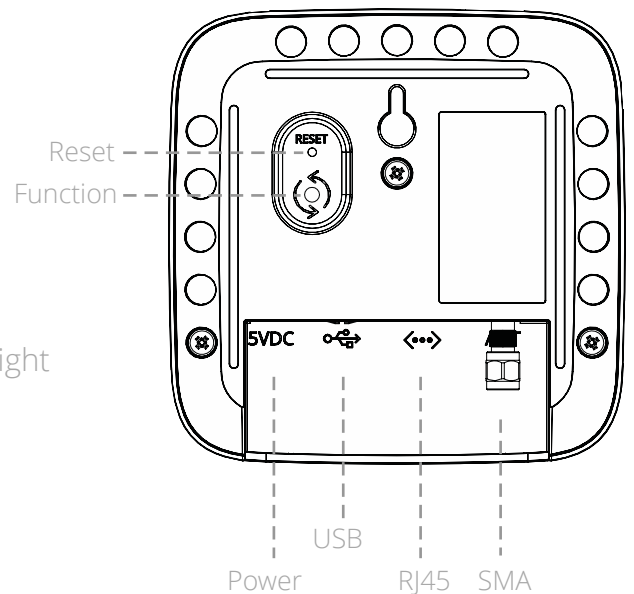
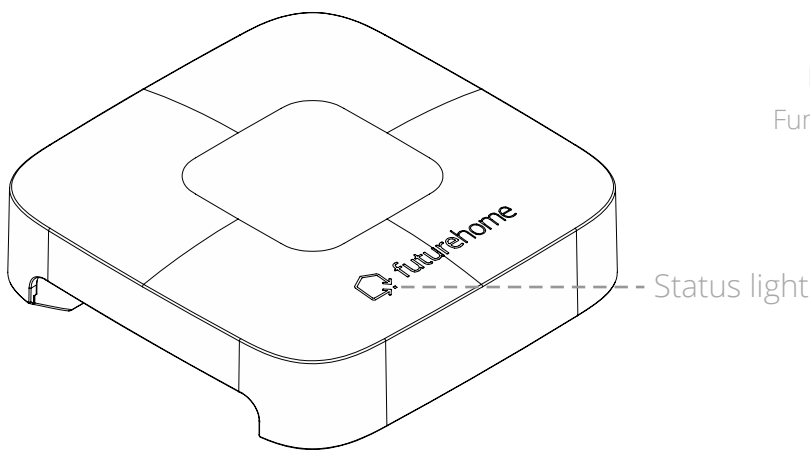
EnOcean-Dolphin: 2-way, 868MHz **Z-Wave:** 2-way, 868MHz
802.11n: (WiFi), future-ready to support WiFi in later software update.

Connections

Power: 5VDC, 2,5A, round; 2,1x5,5x10 mm inside positive.
USB: 2x USB 2.0 - For futurehome compatible expansions only.
RJ45: 10/100Mb Ethernet.
SMA: External antenna. Not in use. Groundwork for future expansions.

Control and signals

Reset: Soft reset. (*Hard reset can only be achieved from the Futurehome app*).
Function: For Futurehome service personnel debugging purposes only.
Status light: Purple: *boot*. White: *normal operation*. Green: *self-check passed*. Red: *self-check failed*.



Certifications

The Futurehome Smarthub CUBE-1V0-EU complies with the following European Directives: **DIRECTIVE 2011/65/EU (the RoHS Directive) DIRECTIVE 1999/5/EC (the R&TTE Directive)**

DIRECTIVE 2011/65/EU (the RoHS Directive) DIRECTIVE 1999/5/EC (the R&TTE Directive)

Compliance is achieved using the following European standards: **EN 62311:2008**

EN 301 489-1 V1.9.2 (2011-09)

EN 301 489-3 V1.6.1 (2013-08)

EN 301 489-17 V2.2.1 (2012-09)

EN 300 328 V1.9.1 (2015-02)

EN 300 220-1 V2.4.1 (2012-05)

EN 200 220-2 V2.4.1 (2012-05)

EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011 + A2: 2013

Safety



Important security instructions:

- Do not install the Smarthub close to or inside containers of metal or sources of electromagnetic interference.
- Do not install the Smarthub close to heat sources like ovens, radiators or other possible sources of interference e.g audio amplifiers.
- Only connect approved Futurehome equipment to the Smarthub.
- The Smarthub is meant to be used inside only.



Risk of electric shock!

- Changes or modifications to this product may lead to malfunction and must not happen!
- **Only use the included power supply!**
- Do not use this product near water. It must not be exposed to dripping or splashing water or other liquids.
- Clean with a dry cloth only.
- Service should only be conducted by qualified personnel.



Disconnect the network and power cable if any of the following occurs:

- Power cable or adapter is damaged.
- You wish to clean the Smarthub.
- The Smarthub is exposed to rain, water or moist of any kind.

Recycling:

This product consists of materials that can be recycled. Please dispose of properly.

Further information

For further references on usage of the Futurehome system and it's apps and services, product catalogue, list of supported devices, API access and related, please see support.futurehome.no. You can always reach us on support@futurehome.no.

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