

 futurehome

Smarthub II & Security Module

Updated: 07.2022



Smarthub II

The new and upcoming Futurehome Smarthub II advances on the technologies of previous versions, featuring a new quad-core 64 bit cpu, and twice the memory and storage as the previous version.

Higher processing power, memory and storage enables more edge-processing power for services, playground applications, Futurehome and partner-software applications.

New radio-chips for both Z-Wave 700, Zigbee 3.0 and Bluetooth 5.2, with longer range and more memory; enables more supported devices and larger networks.

Smarthub II now features a custom I/O connector for attachments and expansions. First out is the Security Module; adding 4G and power backup to the Smarthub II.

Smarthub II constitutes the ideal foundation for all current and upcoming Futurehome features and services.



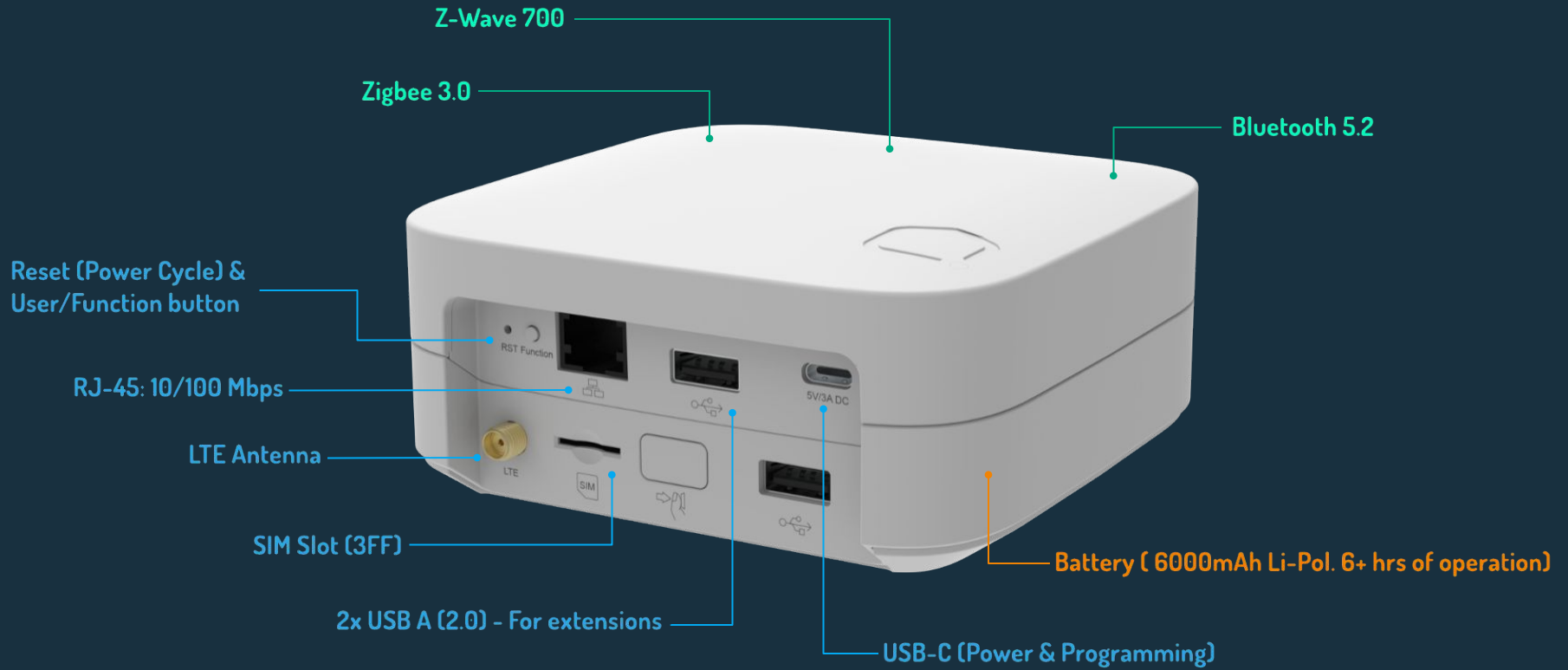
Security Module

The Security Module provides network and power-redundancy to the Smarthub II, enabling Futurehome to deliver an even wider range of reliable features and services.

- Network coverage in remote locations and locations without fixed internet lines, like cabins and holiday homes.
- Uncomplicated deployment when sold as a service.
- Continuous operation and reporting on power outages.
- Optimal for safe- and security related features and services.

The Smarthub II's unique I/O-connector are prepared for, and intended to support a wide range of future extension options. Modules that can further increase the features and functionality of Smarthub II within connectivity, power, deployment, storage and more.





Smarthub II



- **Power:** USB-C (5V, 3A), (230V EU PSU included)
- **Power Consumption:** ~ 2.22W
- **CPU:** Quad-core ARM Cortex-A53 1.5GHz
 - **Memory:** 2GB Ram
 - **Storage:** 8GB eMMC
- **Z-Wave 700:** EFR32ZG14; 868.4 MHz, 13dBm TXP
- **ZigBee:** ERF32MG12P, 256KB, 2.4MHz, 17.5 dBm TXP
- **Bluetooth:** EFR32BG22, BLE 5.2
- **LAN:** 10/100 Ethernet
- **Mechanical:**
 - **Size:** 118mm x 118mm x 32mm
 - **Weight:** 165g
 - **Color:** Ra19003 (Signal White)
 - **Operation:** 0-40°C, IP22, Class III
- **EI.Number:** 4500160
- **EAN:** 7090038750056

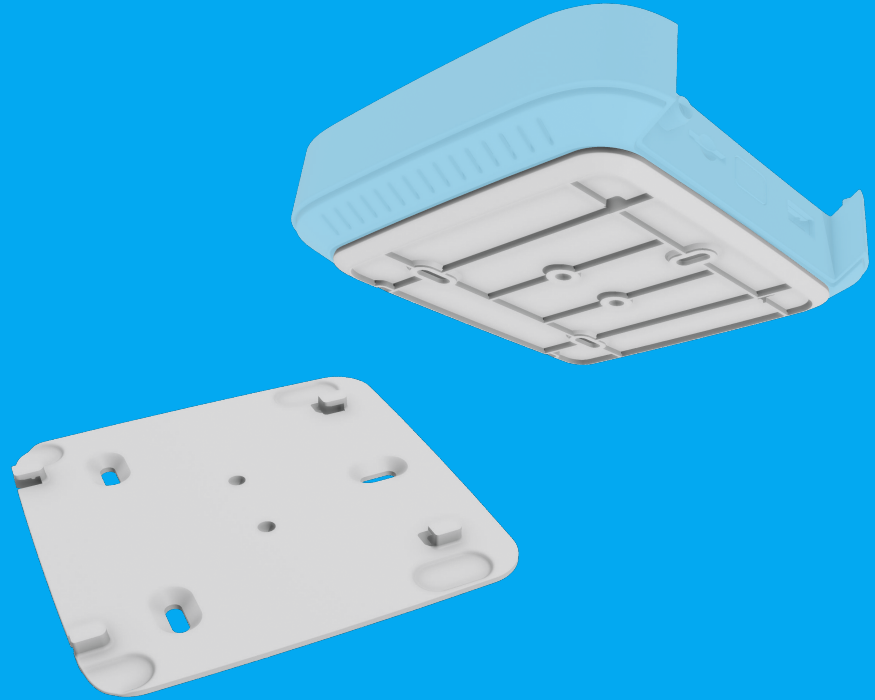
Security Module



- **Power:** Powered from Smarthub I/O
- **Battery:** 6000mAh Li-Pol (6+ hours of operation)
- **4G Modem:** Quectel EC25 LTE Cat 4. 3FF SIM (Micro SIM)
- **4G Antenna:** External whip, SISO. (Included in box).
- **Mechanical:**
 - **Size:** 118mm x 118mm x 31mm
 - **Weight:** 250g
 - **Color:** Ra19003 (Signal White)
 - **Operation:** 0-40°C, IP22, Class III
- **EI.Number:** 4502064
- **EAN:** 7090038750063

Mounting Plate

Wall and ceiling



“Snap-in lock” for Smarthub II and Security Module. The mounting plate / bracket can be fixed to walls and ceilings with the attached screws.

Smarthub II

Box content



- Smarthub II
- Ethernet Cable (Cat5e, 1m)
- Power Supply (EU) (USB-A) + 1m USB-A/C power cable
- Mounting Plate
- 3x mounting screws + plugs
- Cap/Cover for IO ports
- Quick Starter Guide (NO, EN)
- Label (sticker): To place under extension modules, if attached.

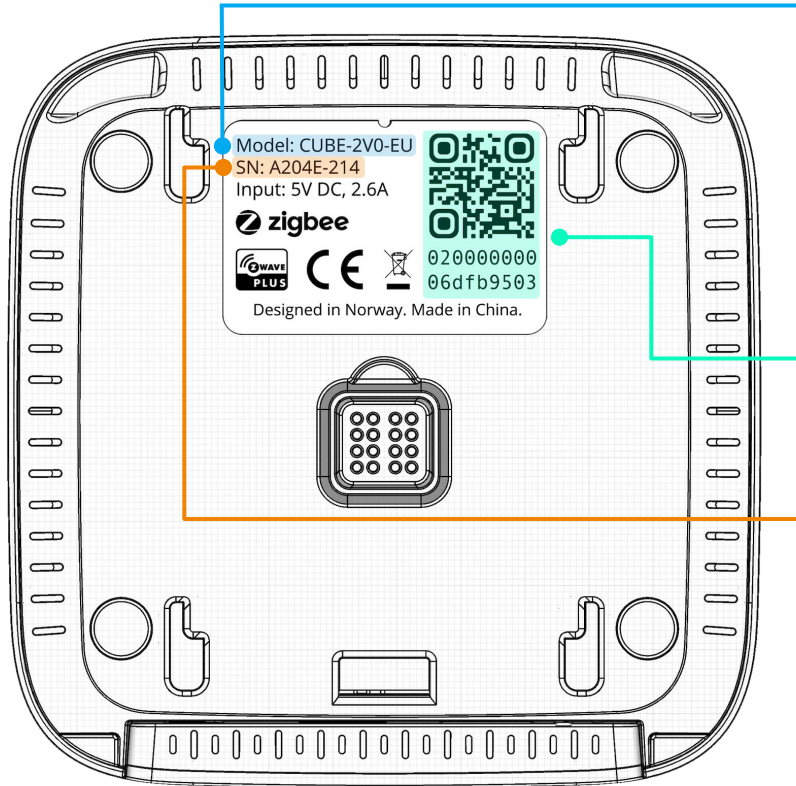
Security Module

Box content



- Security Module
- LTE Antenna
- *SIM-Card (In certain service-programs).
- Quick Starter Guide (NO, EN)

Identifiers



Model Name

Product identifier, unique to each product type and revision.

Smarthub ID / Hardware ID

QR and alphanumeric. Stored in Smarthub OS and unique to each Smarthub. Used for digital identification and pairing.

Serial / Batch Number

Revision identifier. Details manufacturing time, revision, type/region and assembly/BoM.

A204E-214 → A 20 4 E - 21 4





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