



HomeGate AiO S410

HomeGate IoT is an All-in-One solution for connecting wireless devices. It offers a flexible platform where *home security, smart home devices, and smart energy systems* can be connected.

The gateway supports a wide range of communication protocols including Zigbee, WLAN, and Bluetooth. Supporting technology such as digital door locks, safety sensors, smart meters, smart plugs, thermostats etc. The HomeGate AiO is EN50131 certified which makes it ideal for security systems.

HomeGate Aio included processor power to implement even very complex intelligence. The memory options leave room for data storage and logging.

HomeGate AiO has multiple radios, LTE communication and battery backup.

www.onestiproducts.io



Included protocols

- Zigbee
- WLAN
- Bluetooth
- LTE CAT1 EU
- Matter ready

Technical specifications

General	
Dimensions (WxHD)	120 x 120 x 33 mm plus wall bracket
CPU	2 x Cortex-A55/1,7 GHz + Cortex M33 / 250MHz + ETHOS U-65
RAM	1 GB
Flash	4 GB
Power supply	External USB-C (5V) EU
Battery backup	2500 mAh (Exchangeable) Up to 3 hours in operational Min 14 hours in sleep – according to EN50131
Ethernet	10/100 Mbit/s
Environment	IP class: IP20 Operation temperature 0 to +40°C Relative humidity 5%–85%, non condensing

Security	Secure Boot
	Secure Enclave
	HW encryption/decryption (Write only key)

Cybersecurity	EN 18031**
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Wireless communication

Zigbee	Version 3.0, TX: +10 dBm, RX: – 101 dBm
Wi-Fi (HW support for Matter, SW pending)	IEEE802.15b/g/n/a/ac/ax – 2,4 and 5 GHz TX: 16 dBm (IEEE802.11B) / 14 dBm (802.11g/n/ax/ac) RX: –96 dBm (802.11@1Mb/s) / –90 dBm (802.11ac)
Thread (HW ready for matter, SW pending)	TX: + 10 dBm RX: – 98 dBm
Bluetooth	Version: BT / BLE 5.4, TX: 10 dBm BLE: RX: – 96 dBm (Long range: – 103 dBm) BT Classic: RX: – 92 dBm
Modem – LTE	LTE Cat 1 bis EU
Sim option	nano Sim, MFF2, eSim, or eUICC (SGP.02/22/32) – delivered by Safe4

Certifications

CE, RED, RoSH, REACH, WEEE
EN50131 certified
Zigbee 3.0 certified

Operating System

Linux

*all RF parameters are typical values

**requires support and co-signature from Safe4