

Umps Home Alarm Hub

Product datasheet | Australia

The Umps Home Alarm Hub connects users to help, receives alerts from paired Umps Buttons and provides two-way voice communication. Alerts are escalated to a monitored response centre or to nominated contacts, depending on the response service in place.



Install centrally indoors and keep connected to the supplied power adaptor.

Product specifications

Model	N-HU01-AUUM/01
Compatibility	Umps Button; configured response service and network connection
Dimensions	160 × 160 × 45 mm
Weight	520 g, Hub only; excluding power adaptor
Activation	Alert button on Hub or paired Umps Button
User indicators	54 RGB LEDs; 5 underside status LEDs; audio announcements
Voice communication	2 W speaker, 89.3 dB at 1 m; array of four MEMS microphones ¹
Radio	LoRa, 915 MHz
Range	Up to 100 m with Umps Button in open air ²
Maximum transmit power	21 dBm
Cellular	LTE Cat. 1 / VoLTE: 700, 900, 1800, 2100 MHz. Dual internal antennas; external SMA antenna port.
Network connectivity	Ethernet 10BASE-T/100BASE-TX (IEEE 802.3); Wi-Fi IEEE 802.11 b/g/n (2.4 GHz); module supports Zigbee, Bluetooth 5.3 and OpenThread
Alert transmission	Contact ID, or SIP to CLC/TS 50134-9 for alerts and voice over IP
Processor and memory	Cortex-A8 600 MHz, Ubuntu 20.04; 256 MB DDR3, 4 GB NAND. Cortex-M4 80 MHz (no OS).
Power supply	9 V DC, 3 A (27 W); input 100–240 V AC, 50/60 Hz
Battery	3.2 V, 3000 mAh lithium iron phosphate; not user-replaceable
Backup battery operation	Minimum 40 hours in low-power mode ³

Operating conditions

Temperature	–5°C to 50°C
Humidity	Up to 90%, non-condensing
Ingress protection	No IP rating declared; keep dry and indoors

¹ Two-way voice over Ethernet or Wi-Fi requires a monitored response service; otherwise the return call to the Hub is placed over the cellular network.

² Open-air maximum with Umps Button; obstructions reduce range. Test at installation.

³ In low-power mode, entered 20 minutes after loss of mains power. Battery capacity reduces with age and use.

Standards and compliance

EMC	EN 55032:2015 Amd 1:2020 AS/NZS CISPR 32:2015 Amd 1:2020 AS/NZS 61000-6-1 (immunity) EMC Labelling Notice 2017 EMC Standard 2017
Radio	AS/NZS 4268:2017 Amd 1:2021 FCC 47 CFR 15.247 ETSI EN 300 328 V2.2.2 and V2.1.1 EN 300 330 V2.1.1 EN 301908-1 V11.1.1 Compliance Labelling – Devices Notice 2014 Short Range Devices Standard 2014 LIPD Class Licence 2015
Electromagnetic safety	Radiocommunications Equipment (General) Rules 2021, Schedule 4 ARPANSA RPS S-1 Rev. 1 (February 2021) AS/NZS 2772.2:2016
Electrical safety / telecoms	AS/NZS 62368.1:2018 AS/CA S042.1:2022 AS/CA S042.4:2022 Customer Equipment Safety Technical Standard 2018 Mobile Equipment Air Interface Technical Standard 2022 Telecommunications Labelling Instrument 2015
Battery	UN38.3 IEC 62133
Environmental	RoHS 3 compliant
Manufacturing	ISO 9001:2015 quality management system; not product certification
Personal emergency response systems	AS 4607-1999 (Local Unit) TSANZ Specification for Telecommunications Based Personal Emergency Response Systems – Part 1 (Communications Unit)

Regulatory mark



Complies with the requirements for the Australian RCM

Product enquiries

For product enquiries, questions or support, please contact Umps using the details below:



AU 1300 907 272 | NZ 0800 005 687



support@umps.com



www.umps.com