

Umps Mobile Alarm

Product datasheet | Australia

The Umps Mobile Alarm is a worn personal alarm that connects the wearer to help from anywhere with mobile coverage. It raises an alert at the press of a button or automatically when a fall is detected, sends the wearer's location, and provides two-way voice with a monitored response centre or nominated contacts.



Wear on the wrist with the supplied strap, or around the neck with the supplied lanyard. Chest-level wear is not suitable for people with a pacemaker or other implanted device.

Product specifications

Model	PA02-AUBL/01 (Black); PA02-AUWH/01 (White)
Dimensions	46.9 × 41.7 × 15.4 mm
Weight	38 g, excluding strap or lanyard
Housing material	PC/ABS alloy; glass lens; stainless steel charging contacts
Magnet	Contains an N52 neodymium magnet; 3,000 gauss at the magnet surface
Activation	Press and hold the alert button for 1 second
Fall detection	Automatic; sensitivity configurable and may be disabled ¹
Display and indicators	1.3 in colour touchscreen, 240 × 240, showing time, date, signal strength and battery; spoken announcements; vibration
Voice communication	Built-in microphone and speaker; two-way voice during an alert
Voice prompt languages	Arabic, Cantonese, Croatian, English (default), Greek, Italian, Korean, Macedonian, Mandarin, Vietnamese
Cellular	LTE FDD Category 4, Power Class 3: B1, B3, B5, B7, B8, B28. Internal PIFA antenna; maximum transmit power 22.21 dBm. Telstra 4G, or Optus on request; nano SIM supplied and fitted
Location	GNSS: GPS, GLONASS and BeiDou at 1575.42 MHz; cell-tower estimate where no fix is available ²
Battery	3.8 V, 600 mAh lithium-polymer; not user-replaceable
Battery life	1 to 2 days in typical use ³ ; up to 120 hours in standby
Charging	Magnetic cradle, 5 V DC 1.0 A; about 90 minutes to charge from empty
Supplied	Alarm, wrist strap, lanyard, charging cradle, USB cable, power adaptor, user guide

Operating conditions

Temperature	–20°C to 60°C, operating and storage
Ingress protection	IP67 to IEC 60529: dust-tight; immersion to 1 m for 30 minutes ⁴

¹ Fall detection cannot detect every fall, particularly a slow or interrupted fall. Press the alert button whenever possible.

² GNSS needs a clear view of the sky and may be imprecise indoors, where the alarm reports its last known location and time.

³ Observed in normal use. Varies with signal strength, alert activity, screen use and battery age. Charge daily.

⁴ Tested on a new sample to IEC 60529. Showering is supported; swimming and prolonged immersion are not.

Standards and compliance

EMC	AS/NZS CISPR 32:2015 Amd 1:2019
Radio — cellular	AS/CA S042.4:2022 ETSI EN 301 908-1 V15.2.1 ETSI EN 301 908-13 V13.2.1
Radio — short range	AS/NZS 4268:2017 ETSI EN 300 328 V2.2.2
Electromagnetic safety	AS/NZS 2772.2:2016 Amd 1:2018 ARPANSA RPS S-1 IEC/IEEE 62209-1528:2020
Electrical safety	AS/NZS 62368.1:2022 IEC 62368-1:2018
Ingress protection	IEC 60529, tested to IP67
Battery	UN 38.3 IEC 62133-2:2017 Amd 1:2021
Environmental	RoHS 3 compliant
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