

Alert-iT Care Alarms
(iTs Designs Ltd)
Fernie House,
Coalville Business Park,
Leicestershire, LE67 3NR.
Tel: +44 (0) 1530 239 900



Product Fact Sheet

Call & Fall Badge

[Model #: **P193**]



1 Product Description

The Alert-iT Call & Fall badge is a body worn device used by a person to call for assistance or to detect that they have fallen.

The device sends the alarm notifications via Alert-iTs Safelink™ radio protocol.

2 Fact Sheet Revision History

Issue	Changes	Author	Date	Approver	Date
1	First Release	J. Rider	10/Mar/2025	T. Bullars	10/Mar/2025

3 Product Variants (PIR)

3.1 Hardware Variant

The following models are available.

Letter Code	Radio Band	Feature Set
P193AA	434.075 MHz	Call Badge
P193AB	434.075 MHz	Call & Fall Badge
P193BA	869.2125 MHz	Call Badge
P193BB	869.2125 MHz	Call & Fall Badge

3.2 Configurations

All of the above variants can be ordered or re-configured using profile editor to the following configurations;

Configuration	Description
C0	Default

The full model name should be specified in the following format when ordered: e.g. **"P193AA-C1"**.

4 Product Specifications

4.1 Inputs

Function	Input Type	Description
Press Button	Tactile Press Switch	This button is used to raise assistance calls and reset alarms.
Fall Detection	Accelerometer	Configurable tilt detection angle (Default = 55 degrees)

4.2 Outputs

Function	Output Type	Description
Alarm Light	Red LED	Blinks every 4 seconds when alarm is active. Blinks every 6 seconds when battery is low.
Radio	P193A* = 434.075 MHz P193B* = 869.2125 MHz	450 meters range (Line of sight). 450 meters range (Line of sight).
Audible Alarm	Piezo Sounder	Produces two-tone beep when an alarm is reset. Produces repeating tune when fall condition is detected. Alarm tunes are disabled by default.

4.3 Electrical

Function	Description
Batteries	1x CR2450 3V Coin Cell Battery (Non-Rechargeable).
Battery life	1 to 2 years (dependant on number of alarm cycles).

4.4 Mechanical

Function	Description
Sealing	IPX5
Case Material	White ABS. Anti-microbial.
Weight	30g (Including batteries)
Height	60mm
Width	35mm
Depth	20mm

5 Operating Environment

Description	Specification
Operating Temp	5°C to 35°C (Used indoors)
Storage Temperature	-30°C to 50°C
Humidity	5% to 90% max. (non-condensing)

6 Certification

Description	Specification
Markings	CE. UKCA
RoHS2 Compliant	Yes