



# Lifeline Digital

## What is it?

Lifeline Digital is an easy-to-use personal alarm with advanced communication features that provides 24/7 access to assistance and remote monitoring.

## Who is it for?

Lifeline Digital is developed to support independence at home. The device is easy to use and has a discreet and unobtrusive design.

## How does it work?

To make an alarm call, press the alarm button on Lifeline Digital or the wearable alarm button/pendant. Alarm calls are made according to preconfigured and dynamically controlled call sequences. When the alarm call is connected, the caller uses Lifeline Digital as a hands-free speakerphone to talk with the alarm operator.

Lifeline Digital communicates using IP protocols over a cellular network or a local Ethernet connection. The device has a 4G/LTE modem. Lifeline Digital supports VoIP and VoLTE voice calls.

Tunstall's Device Management Platform (DMP) is a cloud-based management system that monitors the health status of Lifeline Digital. DMP is also used to push firmware updates and configuration settings to a device or a cluster of devices.

Lifeline Digital can provide highly customised care solutions by connecting additional radio transmitting sensors. The device supports up to 64 sensors.

## The Lifeline Digital package includes:

- The Lifeline Digital unit and personal pendant
- Connectivity through the Tunstall SIM providing a low cost tariff fully inclusive of all data and minutes
- The ability for Tunstall to manage all deployed devices through the Device Management Platform (DMP)

## Specification

### Technical

**Dimensions:**

180 x 58 x 98 mm (L x W x H)

**Weight:**

491g net weight

**Mains power:**

100-240v

**Backup battery:**

Rechargeable Lithium-ion battery, 18Wh, 2500mAh capacity (continually internally charged)

**Backup time:**

Up to 72 hours of stand-by operation (expected at date of purchase and when fully charged\*)

**Radio frequency:**

AS/NZS: 917.6 MHz / 924 MHz

**Cellular:**

4G - GSM/GPRS/LTE and VoLTE

**External connections:**

SMA antenna connector, 2x USB 2.0 ports, Ethernet port (RJ45), 12V power inlet (RJ11)

**Integral connectivity:**

NFC, Wi-Fi, 4G/LTE, Bluetooth Low Energy (BLE), Infrared receiver (IR) 2x SRD radio

## Specification

### Environmental

**Temperature:**

Operation temperature 0°C to 55°C

Storage temperature -20°C to +45°C max. 3 months storage

**Humidity:**

Operation humidity 0 to 90% RH, non-condensing

Storage humidity 0 to 95% RH, non-condensing

### Standards

**Safety:**

AS/NZS 62368.1:2018

**Radio:**

AS/NZS 4268-2017

**PERS:**

AS4607:1999

**EMC:**

EN 301 489-1 V2.2.3 + Draft EN 301 489-17 V3.2.2 + Draft EN 301 489-3 V2.1.1 + Draft EN 301 489-52 V1.1.0 + EN 301 489-33/5. EN 55032:2015 + AC:2016 + EN 55035:2017 + EN 61000-3-2:2014 + EN 61000-3-3:2013. EN 50130-4:2011 + A1:2014 + EN 61000-6-3:2007 + A1:2011 + AC:2012. CISPR32:2015 + AC:2016

**Design and Manufacture:**

ISO9001:2015

**ROHS compliant:**

2011/65/EU + 2015/863/EU

\* Time may be reduced by factors including temperature extremes, weak or intermittent cellular connectivity, high levels of sensor radio frequency activity and battery ageing.

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