



**GPS and WiFi**  
location technologies



**Advanced impact**  
and non-movement  
detection



**Waterproof**  
IP67 rating



**Bluetooth**  
enabled



**Monitor**  
check in and out



**4G**  
connectivity

# Reliance Protect Pulse+

## The Most Advanced Key Fob Personal Safety Device

Pulse+ is the most advanced key fob style personal safety device available. Utilising the latest 4G technology ensures you are future proofed for connectivity and enables it to perform multiple functions at speeds previously unachievable.

With an IP67 water proof rating, incapacitation detection, enhanced Monitor timer-based check in and out capability, and small, tactile form factor, Pulse+ is the ideal choice for a wide range of user applications.

Pulse+ utilises advanced GPS technologies to provide quick and accurate locations outdoors coupled with the inclusion of WiFi technology for generating location positions indoors. WiFi locating overcomes the basic limitation of GPS based technologies that struggle and often do not work indoors.

### Reliance Protect Supporting Services

- ✓ BS8484 Lone Worker Services enabling escalation to highest Level 1 police responses where appropriate
- ✓ BS5979 Category II 24/7/365 Monitoring Centre
- ✓ ISO 27001 Information Security Management
- ✓ Comprehensive face to face, webinar and e-learning training courses for users and managers
- ✓ Focus customer portal for real time administration and powerful management information reporting
- ✓ Stringent service performance levels
- ✓ Proactive customer support through extensive field based staff



## Advanced Connectivity

Pulse+ utilises 4G connectivity. This ensure the Pulse+ is future proofed for many years to come as traditional 2G based lone worker devices face the problem of switch off of 2G networks in the UK over the coming years.

4G connectivity also enables Pulse+ to perform key alarm functions far quicker than traditional lone worker devices. The key functions of making alarm calls and seeking it's latest location position are tasks that can now be performed in parallel and with minimal delays, rather than in sequence one after the other as per traditional lone worker devices.

Bluetooth technology is also incorporated providing further potential connectivity options with wearables, smartphones, and locating beacons (these features are currently in development).

## Latest Locating Technologies

Traditional personal safety devices rely solely on Global Positioning System (GPS) technologies. When outdoors, the accuracy is typically very good. However, it is significantly restricted when indoors – at best the device will give an inaccurate location position, in many cases the device cannot get a location position at all.

Pulse+ combines the latest GPS technology with WiFi location technology. When indoors and struggling for an accurate GPS location, Pulse+ quickly switches to the WiFi location technology, providing an indoor location within seconds.

## Tough Enough For The Most Demanding Environments

Pulse+ is built to withstand the toughest environments. Rated as IP67, Pulse+ is essentially water proof, and has a tough yet tactile plastic case.

### Specifications

#### Dimensions

61mm x 44mm x 16mm

#### Weight

35g

#### Operation Temperature

-20 °C to +55 °C

#### Battery

Li-polymer 950mAh

#### WiFi

MT6625L Wi-Fi

**GPS** MT6625L GPS + Glonass (assisted GPS support)

#### Bluetooth

BLE4.1

#### Connectivity

LTE (4G), 3G, 2G

#### Incapacitation detection

3 axis accelerometer

**Standby** up to 60 hours (configuration dependent)

#### Talk time

up to 3 hours

**Voice capability** 2 way alarm call and Update log in facility

#### Ingress Protection Rating

IP67

**Supplied with** charging dock, lanyard, lapel clip

**Accessories** Belt clip, optional charger



W: [www.relianceprotect.co.uk](http://www.relianceprotect.co.uk) E: [protectsales@reliancehightech.co.uk](mailto:protectsales@reliancehightech.co.uk) T: 0800 840 7121

Delivered by

**Reliance**  
HIGH · TECH





## Simple And Easy To Use

Pulse+ is extremely simple to use with 3 tactile buttons, device status LEDs for signal strength, battery strength, GPS location, and incapacitation detection/ Monitor check in active. Haptic feedback confirms key activation and deactivation tasks.

Pulse+ comes with a stylish charger dock and can be worn with a lanyard, or used with a keyring, and has an optional beltclip and charger accessories.

Class leading day to day battery performance levels further adds to it's convenience.



## Key Safety Features

Pulse+ provides clear audio through it's speaker and microphone when generating Red Alert alarm calls, impact and falls alarm calls, and Update calls (often referred to as Amber Alert).

Users can have increased control over the Monitor check in and out feature, with an LED light indicating when the device is in Monitor mode. The device will also warn the user when the Monitor check in period is due to expire.

Users also have increased control of the incapacitation detection mode. Users can activate the incapacitation detection mode when performing heightened risk tasks, again an LED light indicates when the incapacitation detection is active and monitoring the user.



## BS8484 Compliance & Alarm Handling Expertise

Pulse+ is fully compliant with the BS8484 Lone Worker Code of Practice and sits within Reliance Protect's wider BS8484 certification. This enables our highly trained and skilled operators within our in-house BS5979 Category II Alarm Receiving Centre (ARC) to escalate Red Alert alarms straight through to the highest Level 1 Police response (where situations warrant such a response).



W: [www.relianceprotect.co.uk](http://www.relianceprotect.co.uk) E: [protectsales@reliancehightech.co.uk](mailto:protectsales@reliancehightech.co.uk) T: 0800 840 7121

Delivered by





The UK's most trusted provider  
of lone worker solutions



**W:** [www.relianceprotect.co.uk](http://www.relianceprotect.co.uk)  
**E:** [protectsales@reliancehightech.co.uk](mailto:protectsales@reliancehightech.co.uk)  
**T:** 0800 840 7121

**Reliance**  
P R O T E C T