ID Badge Standard Guide

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1   Introduction

Ensuring the safety and well-being of staff is a top priority for many organisations. The ID Badge Tracker is an essential tool designed to provide peace of mind and enhance safety for individuals working in potentially hazardous environments. This quick guide will help you understand the key features and benefits of using the ID Badge Tracker, and how to effectively use it to stay safe and connected.

The ID Badge Tracker is equipped with advanced features such as real-time location tracking, motion detection, and emergency alert capabilities. Whether you're working in remote areas, handling dangerous tasks, or simply need a reliable way to stay connected, we offer robust solutions to ensure help is always within reach.

By following this guide, users can confidently use the ID Badge Tracker to enhance their safety and ensure they are never truly alone, no matter where their work takes them.

2   Notifications

The ID Badge Tracker is equipped with a versatile alarm system that ensures you receive critical notifications through multiple channels. This multi-faceted approach guarantees that alerts are promptly delivered and acknowledged, enhancing the safety and responsiveness of users. The available notification methods include:

- **SMS**: Receive immediate text messages on your mobile phone, ensuring you are alerted even without internet access.

- **Email**: Get detailed alerts sent directly to your email inbox, providing a record of notifications for future reference.

- **High-Priority Push Notifications**: Instant alerts sent to your smartphone or tablet, ensuring you are notified even when your device is locked or in use.

- **Web**: Access real-time notifications through a web platform, allowing for easy monitoring and management from any internet-connected device.

- **API Integrations**: Seamlessly integrate alarm notifications with your existing systems and applications, enabling automated responses and comprehensive safety management.

By utilising these diverse notification methods, the ID Badge Tracker ensures that critical alerts are never missed, providing robust support for staff in any situation.

3   Key Features

The ID Badge Tracker goes beyond standard location tracking and telemetry data collection by incorporating user interaction-based features that are crucial for supporting users. These advanced features are designed to enhance safety and ensure immediate assistance when needed. The following subsections provide a detailed explanation of each feature, including the specific timer and button configurations for various scenarios.

3.1 Man Down / Fall Down

The accelerometer inside the device automatically detects when a preset angle, fifty (50) degrees, is exceeded for more than ten (10) seconds. After which an audible pre-alarm will sound for fifteen (15) seconds. Should the wearer not return the device to a horizontal orientation within the pre-alarm timer, then the device will trigger an alarm which will then notify the recipient(s) configured in the location services portal. The wearer can activate / deactivate this feature, see Button Configurations in section 4 below. The device will remember the last state set by the wearer.
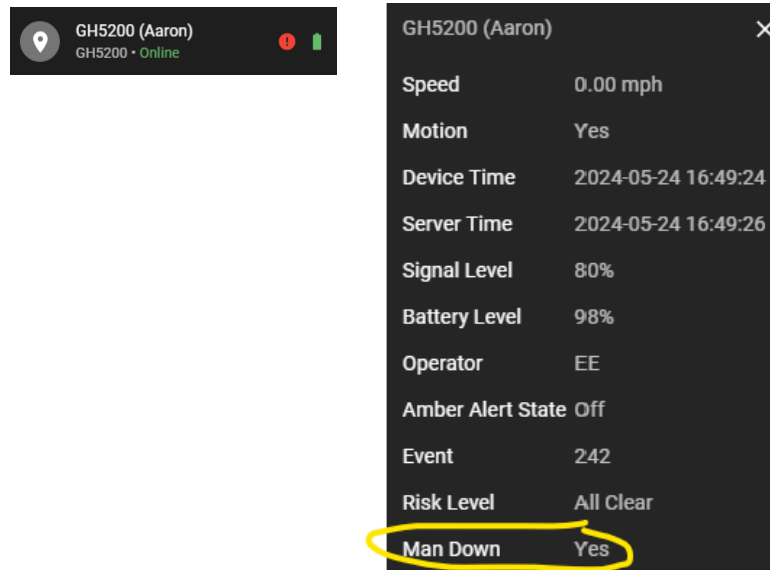
Figure 1 - Man-down / Fall-down

3.2 No Movement

When a user is stationary for longer than five minutes a pre-alarm of fifteen (15) seconds will trigger and after this an alert will be sent to your specified channels i.e. web, mail, pushover.
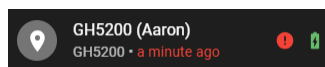

Figure 2 – No Movement

3.3   AMBER ALERT

When activated by the wearer, see Button Configurations in section 4 below, the amber alert timer of thirty (30) minutes will start. After this timer, a sixty (60) second pre-alarm timer (repeating vibration) will present to the wearer. Should the wearer not reset the amber alert timer or turn off the amber alert feature off, then the device will trigger an alarm which will then notify the recipient(s) configured in the location services portal.
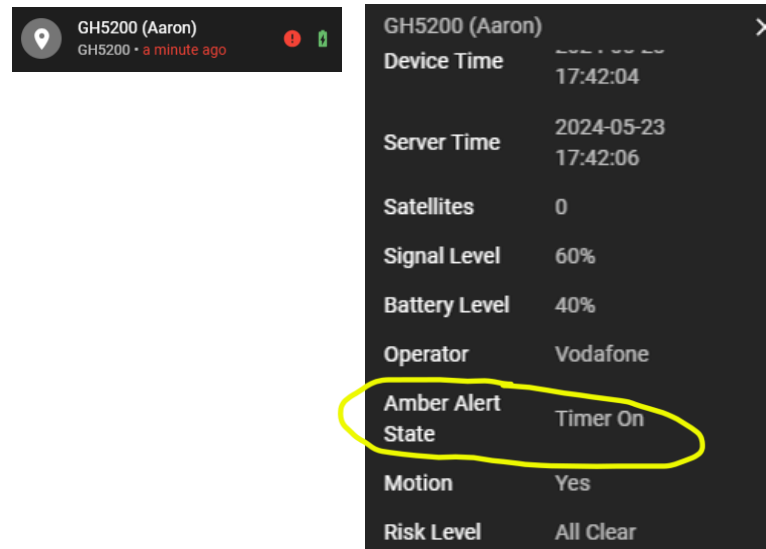
Figure 3 - Amber alert

3.4   PANIC ALARM

This is a critical safety feature that allows users to quickly signal for help in an emergency. By pressing the panic button, the device sends an immediate alert to designated contacts, including the worker's current location, ensuring rapid assistance.
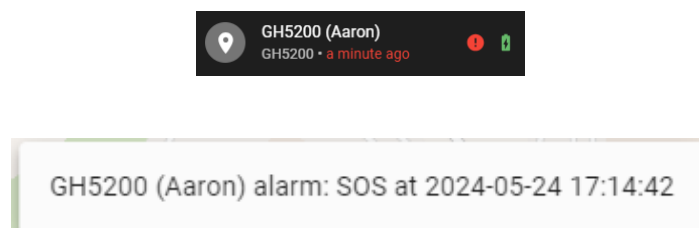

Figure 4 - Panic Alarm

5   Glossary

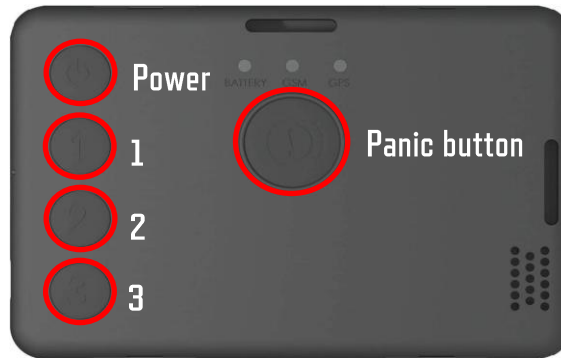- **Man Down**- When device exceeds 50° an alarm will be triggered which can be configured to send a notification.

- **No Movement**- When device is stationary longer than 5 minutes a pre-alarm is triggered, which lasts for 15 seconds, and will sound an alarm afterwards if no movement is detected.

- **Amber alert State**- When turned on a 30-minute timer will begin to countdown, when this timer is exceeded the pre alarm will present a vibrating pattern over a 2-minute period to make the user aware the timer has been exceeded. During this period the user can:

    - Reset the timer with a single press of Button 3, to allow another 30 minutes
    - Allow the pre-alarm timer to be exceeded which will trigger an alarm that can send a notification(s).