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Safedome FOB

Functional description and operation procedure

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Abstract

This document gives a brief description of the Safedome FOB function, its user interface and operation procedure.

1.Safedome FOB functional description

The Safedome FOB is a Bluetooth Low Energy (BLE) tracker device with the following features:

1. A FOB bonds with phone via BLE 5.0 and if the link is lost an alarm is raised on the phone.
2. When connected, pressing the button on the FOB can cause the phone to ring
3. When connected, pressing a button on the phone can cause the buzzer on the FOB to make sound.

The FOB is powered with single CR2016 coin cell battery.

The FOB includes the following user interface.

- A push button for user to wake up the FOB
- A LED to indicate FOB activity
- A Piezo Buzzer for user to find the FOB

2. Operation Procedure

To use the FOB, it must bind with a smartphone and run together with the Safedome application downloaded from Apple store or Google Play.

To start binding, long press the button on the FOB (for more than 0.5s) and the LED on the FOB should flash a few times. The FOB should start BLE advertising.

After binding, phone and FOB maintains BLE 5.0 link. If the BLE link is broken between the pair (such as FOB goes out of range of the phone) for a predefined period of time, an alarm is raised on the phone.

Once bonded, long press the button on the FOB for more than 0.5s will trigger the phone to ring if the phone is in range. This is useful for a user to find the phone bonded with the FOB.

From the Safedome application running on the smartphone, pressing the “ring my FOB” button trigger the buzzer on the FOB to sound.

The bond between the phone and the FOB can be removed at any time from the Safedome application.

The following pages contains the Chinese version of this document.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Safedome FOB

功能描述和操作系统

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摘要:

本文档简要介绍了 *Safedome FOB*。

1. SafedomeFOB 功能描述

Safedome FOB 是一款蓝牙低功耗（*BLE*）跟踪器设备，具有以下功能：

FOB 通过 *BLE 5.0* 与手机绑定，如果链接丢失，手机会发出警报。

连接后，按 *FOB* 上的按钮可能会导致手机响铃

连接后，按下手机上的按钮可以使 *FOB* 上的蜂鸣器发出声音。

FOB 采用单片 *CR2016* 纽扣电池供电。

FOB 包括以下用户界面：

用户唤醒 *FOB* 的按钮

用于指示 *FOB* 活动的 *LED*

一个蜂鸣器供用户查找 *FOB*

2. 操作程序

使用 *FOB* 之前，必须先从 *Apple* 商店或 *Google Play* 下载的 *Safedome* 应用程序，并完成与智能手机的绑定。

要开始绑定，请长按 *FOB* 上的按钮（超过 *0.5* 秒），*FOB* 上的 *LED* 应闪烁几次。
FOB 应该开始 *BLE* 广告。

绑定后，智能手机和 *FOB* 维护 *BLE 5.0* 链接。如果该对之间的 *BLE* 链路断开一段预定义的时间（例如 *FOB* 超出智能手机 *BLE* 工作范围），则会在智能手机上发出警报。

完成绑定后，如果手机在范围内， 长按 *FOB* 上的按钮超过 *0.5* 秒将触发手机响铃。
该功能可帮助用户找到与 *FOB* 绑定的电话。

从智能手机上运行的 *Safedome* 应用程序中，按下“*Ring My FOB*”按钮可触发 *FOB* 上的蜂鸣器发出声音。

智能手机和 *FOB* 的绑定可以随时从 *Safedome* 应用程序中解除。