MOKO SMART H8 Beacon Identification Tag User Manual

Manualsum, simplified manuals

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Manualsum

About document

This **product specification** was designed to help users to know the hardware overview and feature instructions of **H8 Identification Tag**. Through this document, users will be initial to understand the application scenarios, hardware specifications, basic instructions as well as packaging information of product.

Product Specification

H8 Identification Tag

Version 1.0

Overview

This Product specification is mainly applicable for MOKO H8 Identification Tag, and mainly contained below parts:

- » Product brief
- » General specifications
- » Basic instructions
- » Package information

For more information about user guidance of product firmware functions and configuration APP, please contact our sales team directly for other official document.

Product brief

The H8 Identification Tag, a compact and portable identification tag powered by Bluetooth Low Energy technology.

Equipped with handy emergency button and buzzer notifications, cooperate with GPS tracker, it can be used as driver identification tag in the fleet management.

Figure 1: Appearance overview of H8 Identification Tag

General specifications

Hardware specifications

Hardware specification

Item	Property	Specs
Physical	Dimension	56.0%36.0*7.3mm
	IP rated	IP65
	Color	Black
	Installation	Lanyard
	Material	ABS
Connectivity	Bluetooth	BLE 5.0
	Maximum Tx Power	+4dBm
	Transmission range*	Up to 150m
	Long range mode*	Not support
Hardware	Sensor	Accelerometer sensor
		Buzzer (Optional)

	LED	Red
	Battery capacity	220mAh
	Replaceable battery	Yes
	Lifespan (default settings)	1.5 years (Regular broadcasting with 1 second interval)
	Operating temperature	-20°C / + 60°C
Regulatory	Certifications	FCC | CE | RAHS | REACH

Lifecycle estimation

Please refer to documents — **"MOKO Beacon_Battery Lifecycle summary"** for more details on battery lifecycle.

LED functionality

Here we have described the LED response status in some common situations.

LED response status

Scenarios	LED color	Response
Power ON	Red	Blinking for 3 seconds
Device connect	Red	Blinking twice
Power OFF	Red	Solid for 3 seconds
Factory restore	Red	Solid for 3 seconds and then device reboot
DFU upgrade	Red	Blinking during DFU upgrade, and solid for 3 seconds after finished, then device reboot
Low battery	Red	Blinking twice every 10 seconds
LED notification	Red	Blinking once — Trigger mechanism applied

Table 2: LED response status in various situations

Basic instructions

How to power ON/OFF device?

Power ON: Long press button for more than 3 seconds, and red LED will keep blinking for 3 seconds to indicate device power ON status.

Power OFF: Long press button for more than 3 seconds, and red LED will keep solid for 3 seconds to indicate device power OFF status.

How to restore factory settings?

There have two ways to restore factory settings.

» Software reset:

Connect with device through configuration APP and then execute "Reset Beacon" operations to finish the software reset.

» Hardware reset:

- **Step 1:** Keep the device power OFF.
- **Step 2:** Long press the button for more than 10 seconds, during that device will power on and LED start flashing for 3 seconds.
- **Step 3:** After long press duration more than 10 seconds, release the button and then single press the button again within 2 seconds, then device will proceed on factory reset, along with the LED solid for 3 seconds.
- **Step 4:** Device will reboot and LED start flashing for 3 seconds to indicate the factory reset success.

Remark: Software reset won't reset connection password.

Package information

Package information

Ordering model	Item	Giftbox	Carton box
H8	H8 Device	20pcs/Giftbox	200pcs/Carton
H8	Lanyard (optional)	Depends on delivery	Depends on delivery

Table 3: Package information of H8 Identification Tag

Remark: Lanyard for H8 product is an optional accessory, which is excluded in standard products delivery, and will be packaged separately.