

LW010-CT Datasheet

Version 1.0

MOKO TECHNOLOGY LTD.

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Introduction

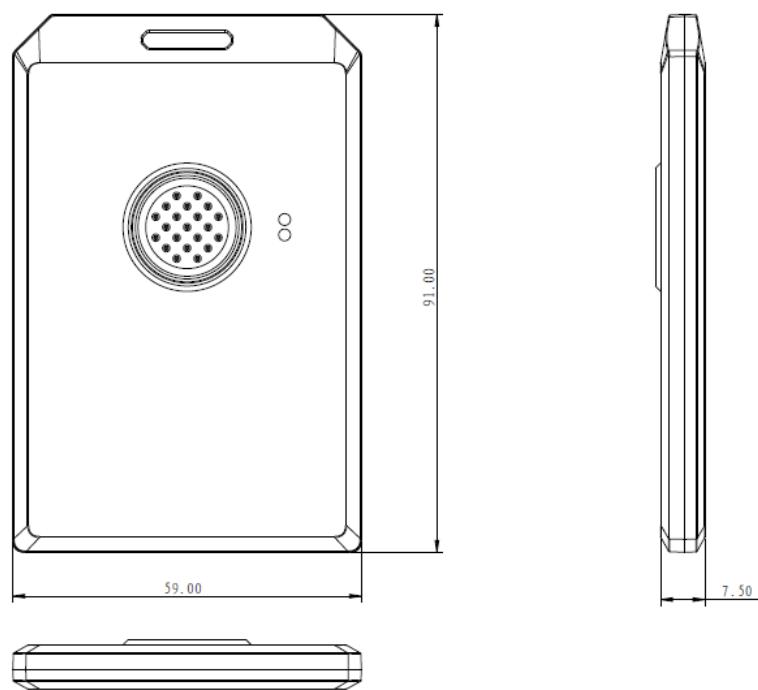
LW010-CT is a card tracker that combines LoRaWAN network transmission with Bluetooth and GPS fix technologies, it can be used for indoor and outdoor positioning.

Lw010-CT is suitable for asset tracking, staff security ensuring and logistic inspection, meanwhile it supports multiple working mode that makes it can be used for various application scenarios.

Key Features

- Ultrathin size, noninductive wearing
- Long wireless transmission distance
- Magnetic rechargeable battery
- Build-in accelerometer
- Multiple working mode
- IP66 rating

Mechanical Size Description



General Specifications

Categories	Parameter	Value
LoRa	LoRa Protocol	LoRaWAN V1.0.4

Wireless Specification	Lora Frequency	EU868/AU915/US915/AS923/IN865/KR920/RU864/AS923-1/AS923-2/AS923-3/AS923-4
	Tx Power	Max 22dBm
	Sensitivity	-137dBm@SF12
	LoRa Communication Distance	Up to 7 km (in urban open space)
BLE Wireless Specification	Bluetooth® (BLE)	4.2
	TX Power	Max 4 dBm
	BLE Broadcast Distance	Up to 50m in free space
Power Supply	BLE Scan Distance (1M PHY)	Up to 150m in free space
	Power Supply	950 mAh rechargeable battery
	Protection level	IP66
Physical Specification	Dimension	91*59*7.5mm
	Weight	47.3g
	Power Switch	Power button
Application Specification	Operation Temperature/ Storage Temperature	-20°C ~ 60°C
	Operation Humidity	10%~90%
	Certification	CE/FCC/Reach/RoHS pending approval

Ordering Information

Product Type	Description	Notes
LW010-CT US915	Card Tracker	Subnet except US915 and EU868
LW010-CT EU868		also supported, please consult with moko before ordering

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FCC STATEMENT

1. 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.
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.