

Keepsens·Type KP-CCXG700-C ARGO Cargo Sensor Product Specification

Tianjin Keepsens Information Technology Co., Ltd.

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I. Product introduction

KP-CCXG700-CARGO Wireless Cargo Sensor can detect the existence of cargo in standard containers, thus providing greater asset visibility and security. The sensing range of KP-CCXG700-CARGO is 20 feet (6m). In case of any change of load conditions, an alarm will be raised. As a part of the comprehensive solutions for container track, KP-CCXG700-CARGO can quickly recognize and bind the no-load and loaded containers, thus optimizing the cycle time and detecting cargo pilfering and so on.



KP-CCXG700-CARGO Wireless Cargo
Sensor

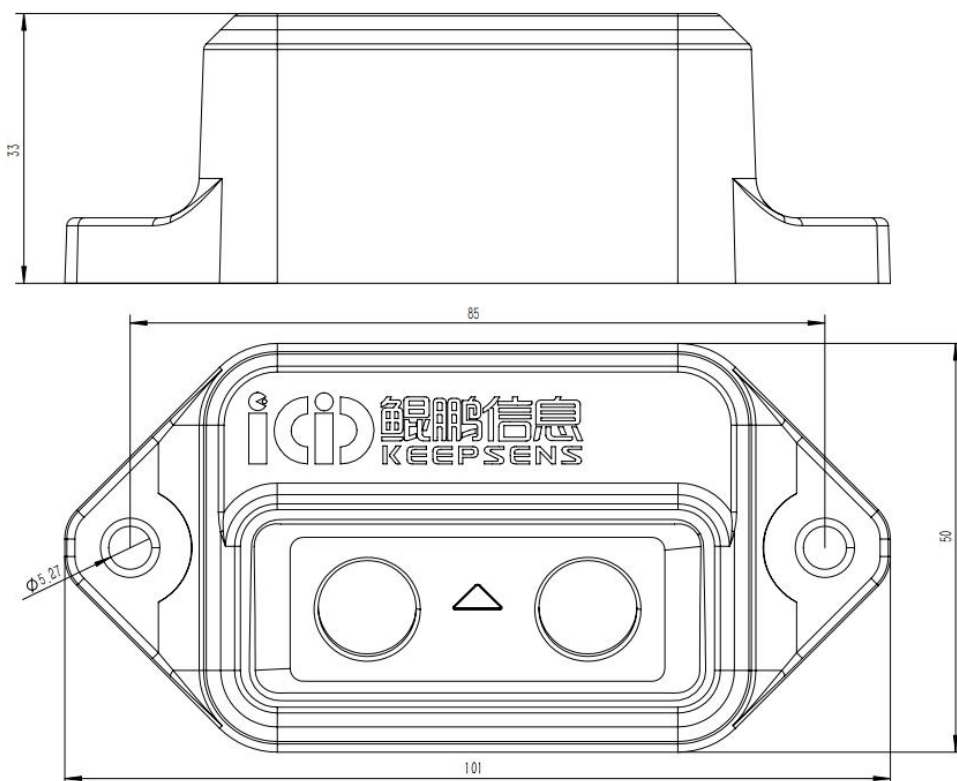
II. Product features

- Optimize loading and unloading cycles
- Cancel artificial site inspection
- Find the goods stolen
- Quick and convenient installation

III. Product parameters

Item	Specification parameters	Remarks
Communication	Bluetooth 5.1	
Battery	Standby current	<10uA
	Working current	<5mA
	Battery voltage	3.6V
	Battery capacity	2700mAh
Built-in sensor	Battery voltage detection	0-4V
	Temperature detection	- 40°C-+85°C
	Humidity detection	0%-100%RH
	Distance detection	0-6m
Volume	100mm*50mm*30mm	
Weight	100g	
Working environment	Working temperature	- 40°C - +85°C
	Working humidity	5% - 95%

IV. Product structure chart



Version information

Version No.	Issue date	Number of pages	Chapter or chart	Description of changes
1.0	2021.03	7		First release

Declaration of Conformity

Hereby, [Tianjin Keepsens Information Technology Co., Ltd.] declares that the radio equipment type [Door magnetic sensor, KP-CCXG700-DOOR] is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<http://www.keepsens.com/>

RF exposure statement

RF exposure information: The Maximum Permissible Exposure (MPE) level has been calculated based on a distance of $d=20$ cm between the device and the human body. To maintain compliance with RF exposure requirement, use product that maintain a 20cm distance between the device and human body.

Operating frequency range: 2400-2483.5MHz max power -2dbm

Federal Communication Commission Interference Statement

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 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.

FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

