Kumeai Bluetooth UHF RFID Reader Guide

Body size ：PRO1: 115mm X 23mm X 65mm

PRO2: 138mm x 32mm x 76mm

Battery capacity ：PRO1: 4000 MA H   PRO2: 10000 MA H

Support for computer / mobile Apps: Windows, Linux, MAC. Bluetooth, Android.IOS

Excellent read-tag performance

Label identification is sensitive and stable.
PRO1 stable recognition distance of 1.5 - 2.5 m.(Standard white card 9662)
PRO2 stable recognition distance of 4 - 5 m.(Standard white card 9662)
Multi-label identification performance:> 50 labels.
Label identification speed:> 50 pieces / s.

Solve the problem of fever thoroughly

No external heat sink is required.

Long-term continuous full load work at room temperature without heating.

Continuous current is <200mA @ 3.5V (26 dBm Output).

Peak pulse current was <260 mA.

Excellent stability

24 hours x 365 days of work does not crash.

Performance by the shell, electromagnetic environment and other external impact.

Wide temperature design, the temperature drift coefficient is very low.

Excellent consistency

A model of consistent design.

All the highest grade of components are selected to ensure the stability and consistency of all parameters.

Specification

working voltage	DC 3.5V – 5 V
Standby state current	<80mA (EN foot high level)
Sleep state current	<100 uA (EN pin low level)
working current	180mA @ 3.5V (26 dBm Output, 25°C)。
	110mA @ 3.5V (18 dBm Output, 25°C)。
start time	< 100mS。
working temperature	– 20 °C – + 70 °C
Storage temperature	– 20 °C – + 85 °C
Working humidity	< 95% (+ 25 °C)
Air interface protocol	EPC global UHF Class 1 Gen 2 / ISO 18000-6C
Scope of working spectrum	840-960MHZ
Work area support	US, Canada and other regions following U.S.FCC
	Europe and other regions following ETSI EN 302 208
	Mainland China、Taiwan
	Japan、 Korea、Malaysia
Output power range	12-26 dBm
Output power accuracy	+/- 1dB
Output power flatness	+/- 0.2dB
receiving sensitivity	< -70dBm
Stock the label peak speed	With> 50 sheets / second
Label cache area	200 sheet tags @ 96 bit EPC
communication interface	Bluetooth TYPE-C
Communication Porter rate	115200 bps (default and recommended)
	38400bps

size	Length 115mmX height 23mmX width 65mm
battery capacity	4000　/ 10000 mAh
levels of protection	IP
duration of flight	10 hours
Read the distance	PR01:1.5-2.5m / PR02: 4-5 m (9662) (depending on the label size and environment)

FCC Warnning:

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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.