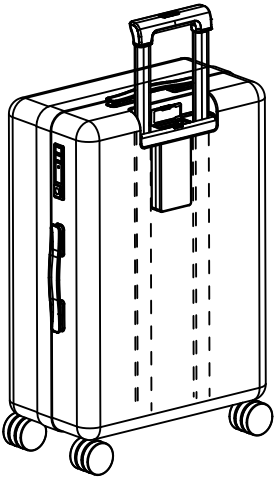
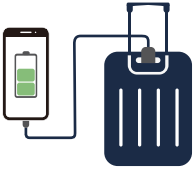
Let Your Smart Luggage Lead Your Way

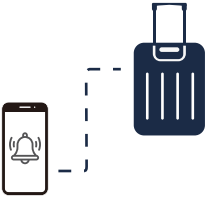
User Guide



Smart functions we built for your luggage



Removable power bank
(5200mAh)



Anti–lost

Global tracking system —
GPS+GPRS

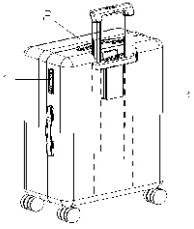
Global tracking system —
GPRS + Wi–Fi geolocation

Digital TSA lock (by biometric
identification)

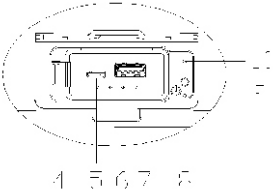
Digital scale (built with the
top handle on luggage)

Let our smart journey begin...

Product description



NO	Items	Description
1	Digital TSA lock	Bluetooth operated with app
2	Digital scale	Bluetooth operated with app
3	Master box with detachable power bank	Bluetooth / Bluetooth+GPRS / Bluetooth+GPRS+Wi-Fi geolocation



NO	Items	Description
4	Push button to eject the power bank	Push to left hand side lightly
5	micro USB port	5V 2A (input)
6	LED bulbs for showing power status of power bank	Display shows 25% 50% 75% 100%
7	USB port	5V 2A (output)
8	Re-set pin button	Re-boot the whole system when needed
9	On/Off button (press it for 2-3 seconds)	Beeping sound once = On Beeping sound twice = Off
10	LED bulbs for showing power status of power bank	Red = charging the back-up NiHM batteryBlue = the smart system is operating

Download the APP —— R-Guardian

The APP currently works with iOS and Andriod devices that support BLE 4.0 or above (Bluetooth Low Energy)

You can download the APP from the following APP store

Get it on Google play

Download on the App Store

应用宝 myapp.com

HUAWEI

mi

Register your account on the APP

STEPS

1. You are suggested to sign up through Facebook or WeChat.

2. Enable Bluetooth on your smartphone and give permission on “notification” and “location“ as per request from the app.

3. Now you have signed up and got the app ready to connect with your smart luggage.

Your smart luggage will go live in a bit...

Power up your smart luggage and connect it with the APP

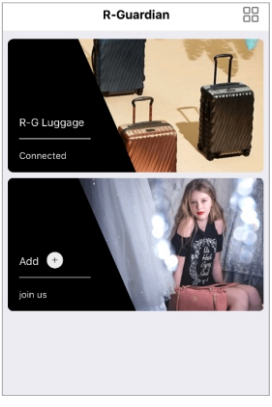
STEPS

1. Make sure the removable power bank is fully charged before you connect it with your smartphone.
   Tip: The removable power bank can be fully charged in 3 hours.

2. Find the power button right next to the removable power bank and then press it for 2 seconds. You will hear beeping sound once.

3. Press “Add“ to connect your smart luggage with your smart–phone.

4. When your luggage is connected with your smartphone, you’ll see the screen as below.

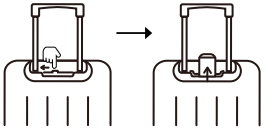


You are all set and may get your smart traveling ready...

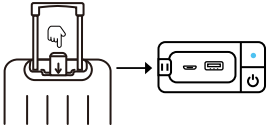
Removable power bank

Capacity	5200mAh	Lifecycle	charge & discharge ≥500 times
Input	DC5V 2A	Output	DC5V 2A
Dimensions	L99.6*W44.8*H22.5mm	Weight	128g approx
Conversion rate	≥85%	Charging time	3 hours approx (with 5V/2A adaptor)

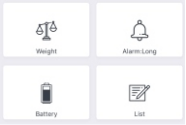
– Lithium battery
– Complies with UN38.3, MSDS and CB
– 1 x USB port for output and 1 x micro–USB port for input



1. Push this button to left hand side, the power bank will be ejected from the slot.



2.Push the power bank downward and place it into the slot. Youmay see the LED blink for showing the power status after stowing.



3.You may also check the battery status from the of the app as below.

Battery compliance

– Remember to take the removable power bank out before you check in your luggage or bring it with you to the flight cabin.
– Our removable power bank complies with the regulations by IATA & FAA.
– Our lithium battery complies with WEEE.

Specifications :

Back-up battery (NiHM)

Capacity	＞500mAh	Lifecycle	charge & discharge ≥500 times
type of battery	Ni-MH 4/5F6	Input	Ni-MH 4/5F6 ≥3.75V(fully charged)
Charging time	3 hours approx	Dimensions	L51*W38*H6.8mm

Digital TSA Lock

Voltage	3V	max. consumption	1.05W
Operation	Bluetooth or key	LED bulb	Blue light
Weight	50g approx	Dimensions	L102*W26*H24mm

Digital scale

Max. weighing	30kg	Deviation	±1kg

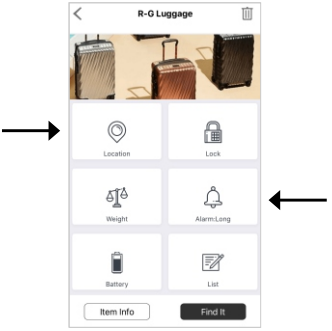
Bluetooth (BLE)

Version	BLE4.0	Output	0 dBm
Radio frequency range	2400～2483MHz	Physical range	25m approx (open area)

GSM/GPRS+GNSS+Wi-Fi

Multiconstrllation system	GPS+BeiDou
Channel number	33 tracking channel
	99 capture channel
	210 PRN channel
Sensitivity	capture -149dBm
	Malicious trace -167dBm
	heavy capture -161dBm
Frequency band	850/900/1800/1900MHz
Voltage range	3.3V~4.6V
WLAN	IEEE 802.11 b/g/h

Anti-lost + Global tracking system



1. Warning alert on smartphone and the device built inside your luggage will be on when disconnection happens.

2. A message will also pop up on the app to alert you.
   When your smartphone and your luggage are re-connected, a message will pop up on the app with warning alert.

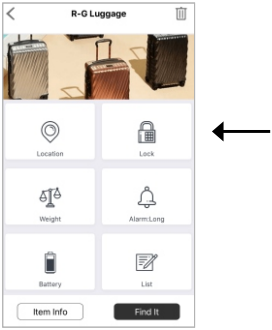
3. You can track your luggage after disconnection happens. You just press “location” on the app and then press “activate”, the IoT sim card built inside our device will generate the locations periodically. A red spot will be illustrated on the map to show where your luggage is located

Here’s how

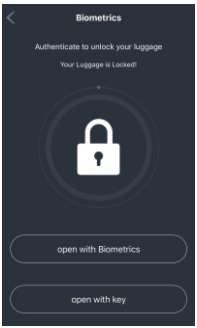
Our IoT sim card ex Kore has got coverage for over 120 countries globally. Subscription of this sim card is sufficient for you to travel 1 year after your purchase of this smart luggage.

Digital TSA lock

- Bluetooth operated + single key locking mechanism
- TSA compliant

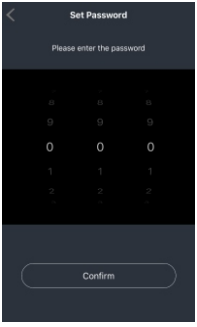


1. Make sure your luggage is connected with your smartphone.
2. Press “lock” on the app and then turn to the next screen as below.

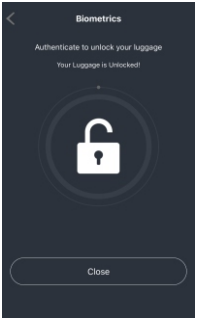


3. Press “open with Biometrics” and unlock your luggage with your fingerprint ID or Face ID on your smartphone.

4. If your smartphone has not got biometrics verifications built in, you just press “open with key” to set up 3 digits combination lock.



5. Press “close” to lock your luggage up before you are ready to go.

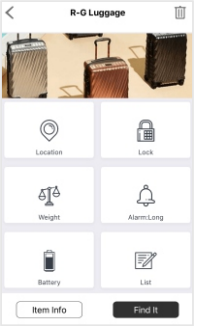


Tip

Digital TSA lock will automatically be locked up when disconnec–tion between your smartphone and your luggage happened.

Digital scale (built with the top handle on your luggage)

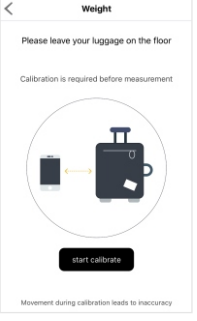
– Bluetooth operated



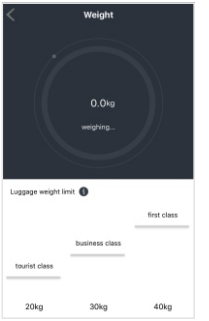
1. Make sure your luggage is connected with your smartphone.

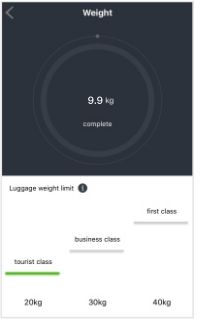
2. Place your luggage on the ground (concrete and smooth).

3. Press “weight” on the app and then press “start calibrate” on the next screen as per below.



4. As soon as your screen shows the figure at “0.0kg”, you may then lift your luggage up right for 2–3 seconds until “complete” is shown on the app.





Tip

If you want to weigh the luggage again, please leave the luggage on the ground and go back to the screen of operation interface before you repeat the step 2 — 4.

Our warranty and aftersales service for your smart luggage

Personal information:

Name of purchaser		Date of purchase	
e. mail address		Telephone no.	
Mailing address			
Authorized dealer		Invoice no.	
Product name		Product serial no.	

★ Please do read and keep this user manual and maintenance record properly.

★ Your smart luggage is under warranty from us (2 years for all electronic components and 1 year for battery)

★ Our service centre or contracted maintenance provider may charge for repairing or replacement of components under the below conditions.

1. *Warranty period is expired.*
2. *Improper modification or repair is done on the hard wares*
3. *Damage on hard wares and cables are caused by improper operation (not in accordance with the steps printed on user manual)*
4. *Damage on hard wares and cables are caused by natural disaster or accident or any incidence under terms of force majeure.*
5. *Please do present this warranty and maintenance record when you hand your smart luggage to service centre or contracted maintenance provider. If you fail to present it with the invoice, we may reserve the right not to provide services or to Charge you a reasonable cost for this service.*

Record for maintenance

Date	Service	service engineer	purchaser

Friendly reminder for you...

- ✔ Make sure the removable power bank (the main power source of your smart system) is fully charged before you travel with your smart luggage.
- ✔ Make sure the removable power bank is placed into the slot in the right direction.
- ✔ Please keep the removable power bank away from high temperature and high humidity area.
- ✔ Please take the removable power bank away from the luggage if you are not to travel in next few months.

Something you may wanna tell your family members, friends and colleagues……

Your new experience in smart traveling just begin, more excitement brought by us will soon come to you…..

We are proud of having you in our IoT platform!

Powered by
R-Guardian — one stop solution for smart luggage

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.

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