

SKYTR≡K

– Product manual –

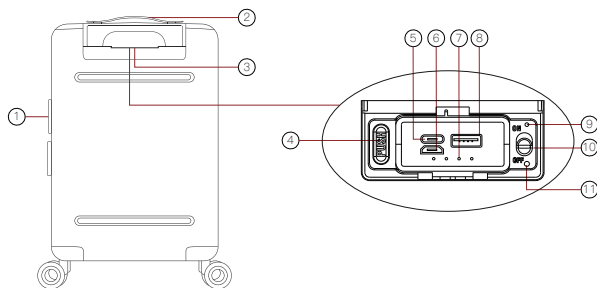


The first vertical opening smart luggage

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01 Parts & Components



Parts	Description
① TSA lock	Digital TSA lock by biometric IDs – 26" / Fingerprint lock – 20"
② Digital weigh scale (top handle)	Check the weight of luggage with Bluetooth connection
③ Removable power source	Lithium ion battery – 8000mAh
④ Push button	Press to eject the removable power source
⑤ Type C input/output	Input: 5V/3A 9V/2A Output: 5V/3A 9V/2A 12V/1.5A
⑥ micro USB input	Input: 5V/2A 9V/2A
⑦ LED indicators	To indicate the power level of battery
⑧ USB Input	For charging phones or gadgets
⑨ LED bulb	Red charging the secondary battery Blue system working
⑩ on/off button	Push to "ON" for turning on Push to "OFF" for turning off
⑪ Reset button	Reset the system if necessary

02 Download APP



1. Scan QR code to download R-Guardian APP
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2. Or search “R-Guardian” / “隨身寶科技” at the following Platforms
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* This APP is compatible with IOS and Andriod. (by Bluetooth 5.0 or above)

03 How to connect Skytrek with APP?



(diag1)



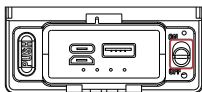
(diag2)

1. Register your account via APPLE ID, Facebook or email address. (diagram 1)

2. Turn on Bluetooth on smartphone and allow “notification” and “ location” for APP. (diagram 2)

3. Once registration is done, APP on your smartphone can connect with your Skytrek luggage.

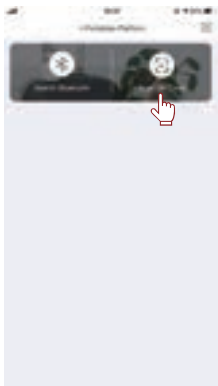
03 How to connect Skytrek with APP?



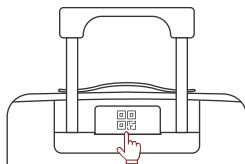
(diag3)

4. Push the on/off button to “ON” for turning the system on. (diagram 3)


★ Make sure the removable power source is put in place.



(diag4)



(diag5)

5. Turn on Bluetooth on your smartphone and then click “” on the front page of APP. (diagram 4) Scan the QR code on the top of the battery box. (diagram 5)

03 How to connect Skytrek with APP?



(diag6)

6. Enter into connection page and follow the prompts.



(diag7)

7. Connection is made successfully.(diagram 7)

04 Loss prevention



(diag8)



(diag9)

1. Swipe upward. (diagram 8)
2. Activate proximity alert. (diagram 9)



(diag10)

3. When disconnection between smartphone and your Skytrek luggage happens, pop up message and beeping alert will be on. (diagram 10)

05 Global tracking



(diag11)

1. Select “Location” for tracking .(diagram 11)



(diag12)



(diag13)

2. When disconnection happens, location of your Skytrek can be traced. (diagram 12)
Press “=” button(diagram13) can check the history of locations in the past 7 days.

06 Digital weighing module



(diag14)

1. Select “Digital Scale”(diag 14), then place your Skytrek luggage on the ground.



(diag15)

2. Click “start calibrate” to check the weight of your Skytrek. (diagram 15)

06 Digital weighing module



(diag16)

3. When the screen shows “0.0kg” please then lift your Skytrek luggage up by the top handle. (diagram 16)



(diag17)

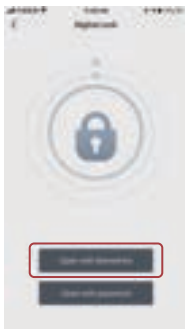
4. Hold the luggage for 3–4 seconds until the screen shows “Completed”.(diagram 17)

07 Digital TSA lock by biometric IDs (applicable for 26"luggage)



(diag18)

1. Select “Bluetooth Lock”.(diagram 18)



(diag19)

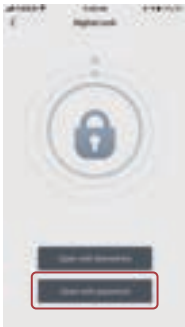
2. Click “Open with Biometrics”(diagram 19) and use default Face ID/fingerprint with your smartphone to operate digital TSA lock.

07 Digital TSA lock by biometric IDs (applicable for 26"luggage)

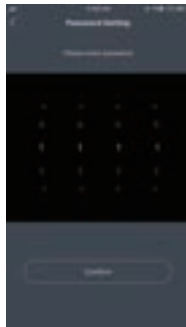


(diag20)

3. Click “Close”to lock the TSA lock.(diagram 20)



(diag21)



(diag22)

4. In case your phone does not support Face ID and fingerprint, you may choose to set “Open with password” for locking and unlocking digital TSA lock. (diagram 21–22)

08 Fingerprint TSA lock (applicable for 20" luggage)



(diag23)

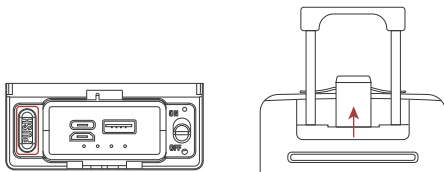
1. Click “ Fingerprint Registration”. (diagram 23)



(diag24)

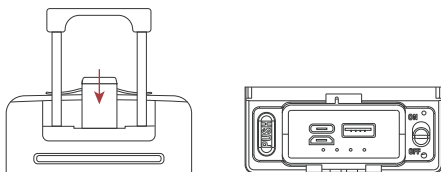
2. Will walk you through how to operate fingerprint TSA lock is operated. (diagram 24)

09 Removable power source



1. Press “PUSH” button to eject the removable power source from the main dock.

★ **Note:** Avoid children from ejecting the removable power source lest any injury.



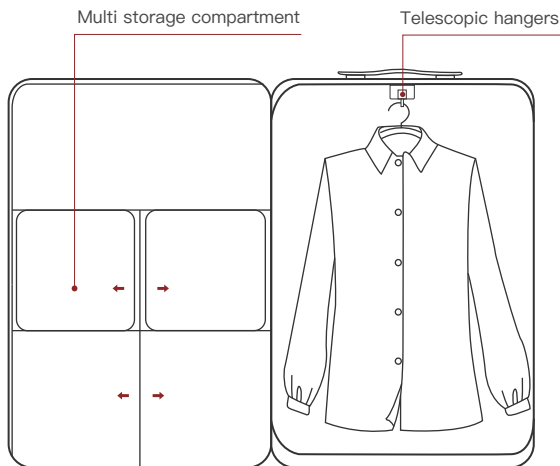
2. Push the removable power source down into main dock in the right direction. When it is in place, LED indicators are flashing in blue colour.



3. You can check the power level of battery via APP.

★ Please be reminded that removable power source must be taken out before your Skytrek is checked in with airlines.

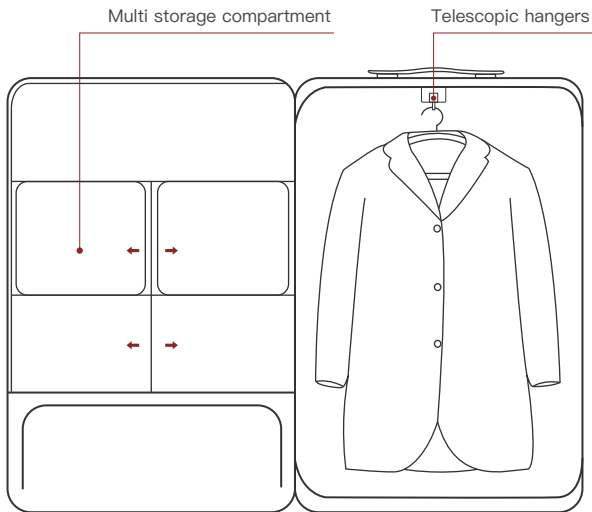
10 Vertical opening and Multi-storage for inner section



(20"luggage)

- **Vertical opening :** With ultra slim aluminum alloy frame, you can open your Skytrek vertically for having quick access to inner compartments and dividers.
- **Multi storage compartment :** This unique design and construction can keep the way you pack things into your Skytrek more resilient.
- **Telescopic hangers :** This recessive design can keep your jacket, blazer and coat free from wrinkles.

10 Vertical opening and Multi-storage for inner section



(26"luggage)

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- **Multi storage compartment :** This unique design and construction can keep the way you pack things into your Skytrek more resilient.
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11 Specifications & References

Digital weighing module			
max weight	30kg	deviation	±1kg
Digital TSA lock by biometric IDs – 26”luggage			
voltage	3V	operation	Bluetooth/Password/key
max consumption	0.78W	LED bulb	blue light
weight	190g approx..	dimensions	L330*W27*H33mm
Fingerprint TSA lock – 20”luggage			
voltage	5V	operation	fingerprint/key
max consumption	1W	LED bulb	blue + red light
weight	190g approx..	dimensions	L330*W27*H33mm
Secondary/back-up battery (Ni-MH)			
capacity	> 500mAh		
type of battery	Ni-MH 4/5F6	lifecycle	charge + discharge≥500 times
charging time	3 hours	dimensions	L50*W37*H6.5mm
voltage	3.6V		
Removable power source (main battery)			
capacity	8000mAh	lifecycle	charge + discharge≥500 times
type of battery	lithium-ion	weight	175g
Micro USB input	5V/2A 9V/2A	type-C input	5V/3A 9V/2A
USB output	5V/3A 9V/2A 12V/1.5A		
type-C output	5V/3A 9V/2A 12V/1.5A		
dimensions	L139.5*W44.5*H22mm		
charging time	3 hours approx. (5V/3A 9V/2A 12V/1.5A adaptor)		

11 Specifications & References

Bluetooth (BLE)			
version	BLE5.0	output	4 dBm
radio frequency range	2402~2480MHz	physical range	80 meters approx (open area)
3G			
voltage	3.3V~4.3V,3.8V typ	antenna gain	4.52dBi max.
channels	800/850/900/1800/1900/2100MHz		
output power	class 3(24dBm+1/-3dB)for UMTS bands class E2(27dBm+/-3dB)for EDGE 850/900 class E2(26dBm+3/-4dB)for EDGE 1800/1900 class 4(33dBm+/-2dB)for GSM 850/900 class 1(30dBm+/-2dB)for GSM 1800/1900		
consumption	45μA@power off 1.5mA@GSM sleep,DRX=9 1.1mA@UMTS sleep,DRX=9 293mA@GSM voice,max power 532mA@UMTS voice,max power 610mA@GPRS data,max power 503@EDGE data,max power 593mA@HSDPA,max power 576mA@HSUPA,max power		
peak current	-110dBm@UMTS Bands -108.5dBm@GSM 850/900MHz -108dBm@GSM 1800/1900MHz		
Wi-Fi Geolocation			
voltage	3.3V	peak current	300mA
radio frequency range	2412~2484MHZ	antenna gain	4.48dBi max.
activation	After Bluetooth disconnects, geolocation activates whenever the luggage has got significant movement (with 10 mins minimum interval between each successive activation)		
Output power	802.11b: 16±2 dBm (@11Mbps) 802.11g: 14±2 dBm (@54Mbps) 802.11n: 13±2 dBm (@HT20, MCS7)		

12 Warranty & Aftersales service

Personal information

Name of purchaser		Date of purchase	
Product name		Invoice number	
E mail		Mobile	
Mailing address			
Authorized			

- ★ Please do read and keep this user manual and maintenance record properly.
- ★ Your Skytrek luggage is under warranty from us. (5 years for the outer shell, wheels, trolley system and non electronic parts; 2 years for all electronic parts; 1 year for batteries)
- ★ Our service or contracted maintenance provider may charge for repairing or replacement of components under the conditions as below:

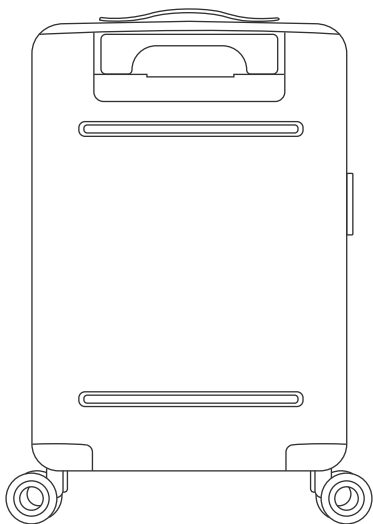
1. Warranty period is expired.
2. Improper modification or repair is done on Skytrek luggage and electronic components.
3. Damage on luggage, electronic components and batteries are caused by improper operation. (not following the instructions as printed on this user manual)
4. Damage on luggage, electronic components and batteries are caused by natural disaster or accident or any incidence under terms of force majeure.
5. Please do present this maintenance record when you hand your Skytrek luggage to service centre or contracted maintenance provider. If you fail to present it with the invoice issued by the seller, we may reserve the right not to provide service or to charge you a reasonable cost for this service.

Record for maintenance

Date	Service	Service engineer	Name of purchaser

13 Matters need attention

1. Make sure the removable power source (the main battery of your Skytrek luggage) is fully charged before you start your new journey.
2. Make sure the removable power source is placed into the main dock in the right direction.
3. Please keep the removable power source away from high temperature/fire and extreme high humidity area.
4. Please keep the removable power source in the main dock even you are not to travel again in next 3–6 months. However, you may turn the system off when you keep your Skytrek luggage in storage.



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