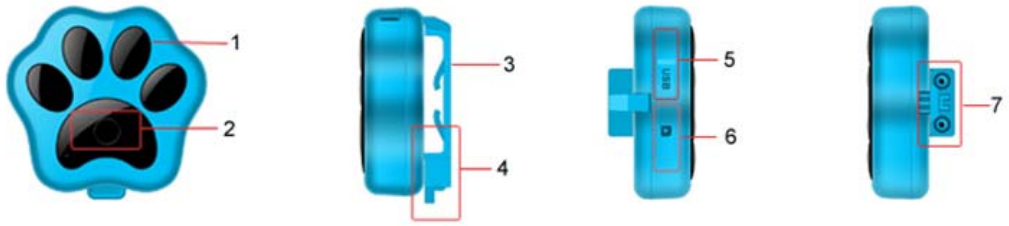
WIFI Anti-lost Pet GPS Tracker

RF-V30

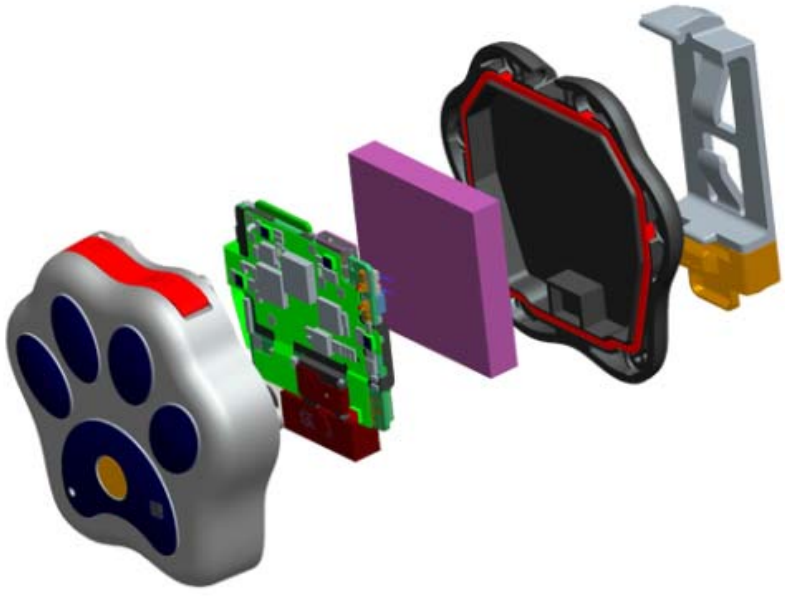
Whether you own a skilled tracking dog, an energetic mixed-breed pooch or an adventurous cat who likes to roam, one of the biggest fears of every pet owner is losing their pet. Just like with small children, you can't help but worry about where your dogs are and what are they doing.

RF-V30 WIFI anti-lost pet tracker will make sure you never lose your pet again and gives you peace of mind because you're aware of where your animal is at all times.

Product view:



Item	Description	Item	Description
1	LED rolling light	2	Power Key
3	Click	4	Click Lock
5	Micro USB	6	Sim card slot
7	Bottom of click		



Specification

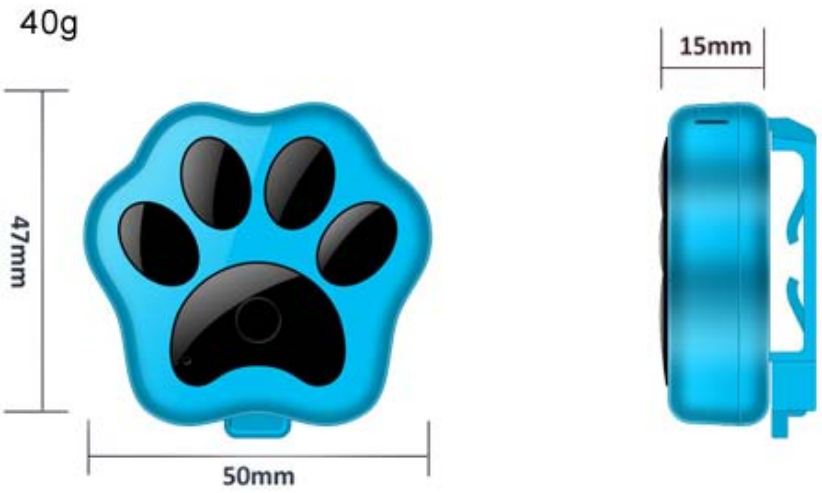
GPS SPECIFICATION	
GPS Chip	MTK 3337 high sensitivity GPS chip
GPS signal	L1 frequency band 1575.42MHz,C/A code
Channels	66 acquisition channels
	22 tracking channels
GPS Accuracy	10-20 meters
LBS Accuracy	100-1000 meters
Tracking Sensitivity	-165dBm
Acquisition Sensitivity	-148dBm
	Hot start 5 Sec (open sky)
Positioning Time	Warm start 29 Sec (open sky)
	Cold start 30 Sec (open sky)
AGPS	26S
Power Consumption	Tacking 18mA@3.3V
	Acquisition 25mA@3.3V
GPS Antenna	High sensitivity active ceramic antenna
GSM SPECIFICATION	
Communication Model	GSM
GSM chip	MTK6260
GSM Frequency	850/900/1800/1900MHz
GPRS	Class 12,TCP/IP
Memory	64MB
Phrase Error	RMSPE<5,PPE<20
Max Output	GSM850/GSM900:33±3db
	GSM1800/GSM1900:30±3db
Max Frequency Error	±0.1ppm
Sensitivity	Class ⅡRBER2%(-10dBm)
GSM Antenna	Built-in LDS antenna

OTHER MAIN SPECIFICATION	
Brand	Reachfar
Model No:	RF-V30
LED Indicator Light	GPS(blue)
	GSM(red)
SIM socket	PUSH SIM socket
SIM Card	Micro SIM card (Same as Iphone 4)
Wi-Fi location accuracy	1-30m (WIFI Coverage)
Battery	400mAh/3.7V industrial-grade lithium-polymer battery
Voltage/Current	5VDC/500Ma(Input)
Standby Time	GSM standby (GPS closed) 300 hours GPS standby (10 minutes once positioning) 60 hours
ALARM way:	
WIFI Anti-lose alarm	Push notice
Low battery alarm	SMS
Geo-fence alarm	SMS and push notice
Operating Temperature	-20℃ — +70℃
Waterproof	IP66
Working humidity:	5% ~ 95% RH
Dimensions	4.7*5.0*1.5cm
Weight	40 g
Color	black/blue/golden
Package size	neutral box,82*80*45mm
Weight	110g
Packing including	1* RF-V30 pet gps tracker 1* Multi-function USB cable 1* User manual 1* lanyard 1* collar(optional)
Carton details	35*26*20cm,40 pieces/carton,5.5kg

Humanized design from actual demand:

- Compact and lightweight

Incredibly small at 4.7cm (h) x 5.0cm (w) x 1.5cm (d), only 40g .It is so small and lightweight that your furry friend doesn't even realize it’s there.



- Back clip design, easy to use

RF-V30 pet tracking device is easy to use and is either attached to your pet's existing collar or comes with a special adjustable collar or harness for your dog or cat.

- WIFI Anti-lost alarm

You can set a WIFI address as a safety area, the coverage is 30m. Get an alert if your dog gets out of the safety zone. All you have to do is check the pet tracker app to pinpoint exactly where your wanderer is. The important is there is no error alarm.

- Waterproof and Sturdy

A good GPS Pet Collar should be waterproof. Dogs love the water and the unit needs to be sturdy enough to withstand the rough and tumble involved in a dog's normal routine.

- GPS and WIFI location

No matter indoor or outdoor, find your pet quickly and easily anytime
Attention: Due to the lack of WIFI data, it only cans WIFI location in China. If you can provide the WIFI data of your area, we can make the device can WIFI location in your area. Thanks

- Smart rolling LED light

A GPS Pet Collar fitted with a bright LED beacon is much more useful when your dog goes missing at night. It will light automatically when the dark

- Long life battery and low battery alarm

With low consumption GPS chip and G-SENSOR, RF-V30 tracker on daily with your dog, the battery should last 80 hours which is considerably longer than most GPS trackers. What's more, if the battery's running less than 10%, you'll see a warning so you always know what's going on.

- Geo-fence

You can set up a safety zone around your home or neighborhood so you can tell if your dog has escaped from your garden, or gone outside the park. RF-V30 Pet GPS can detect if your dog wanders beyond the zone and send a text message or APP alert to your phone so you can get them back straight away.

- History route

Route mapping is ideal for ensuring they're getting the right amount of exercise

- Free tracking platform

Reachfar have our own tracking platform, tracking via SMS, website and APP. There is always a suitable one for you. You see a map of your dog's wanderings on any computer or device connected to the internet, including a laptop, tablet or Smartphone. And it is free, the user no need to pay.

- charge

RF-V30 Pet GPS tracker uses a cell phone-style SIM card to display your dog's position on an online map. So there's a charge for tracking, you should pay for the data plan (10-30MB/month).

- Optional collar

There are three type collars, details as follow:
Product: Comfortable foam nylon collar
S: width: 1.5cm, length: 29-37cm, weight: 35g
M: width: 2.0cm, length: 38-47cm, weight: 56g
L: width: 2.5cm, length: 46-55 cm, weight: 100g

Product pictures:

多功能GPS
Smart GPS Tracker

How to use the device:

● Prepare to work

Please choose a GSM micro SIM card (same as iphone4) for the tracker.

a. Please ensure the tracker is power off when insert the SIM card
b. Please ensure the data plan and ID caller have been active.

● Power on/off

1. Insert the Micro SIM card into the card slot, SIM card chip face to the front of the tracker.
2. Press power key 3-5 Second, the tracker will light on (Blue and Red).
3. Press the power key 3 times, the blue and red light will flash together about 10 seconds, then the device power off.

● Indicator light show:

1. GSP indicator and GSM indicator

Light	Function	Slow Flash	Fast Flash	Close
Blue	GPS Indicator	GPS searching	GPS success	GPS sleep
Red	GSM Indicator	GSM searching	GSM success	GSM sleep

2. Blue and red light will flash together when charging, only red light on when it charges full.
3. When environment get dark, the smart rolling LED light will flash with four tri-colors automatically.

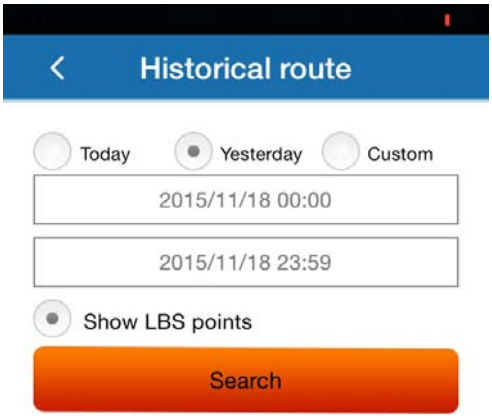
● APP banding and setting

1. APP install
   a. Scan the QR code on the user manual to install the APP
   b. Search “ Anytracking ” in APP store or Google play to install the APP
2. Use the ID number and password to log in the APP

- **Real -time tracking :** Show the latest location of the device, click update location information to see the latest location information.

WIFI Location **GPS Location**

- **Historical route:** Display the historical route in certain period of the device; you can choose whether to filter out LBS location data. (Note:LBS means the location data indoors, error is large)



➢ **Geo-fence:** Add, check or cancel Geo-fence area, when the device comes across the Geo-fence. Our platform will send alert to you via SMS and APP. (Note: we suggest the radius of Geo-fence over 200 meters to make sure it can work normal.)

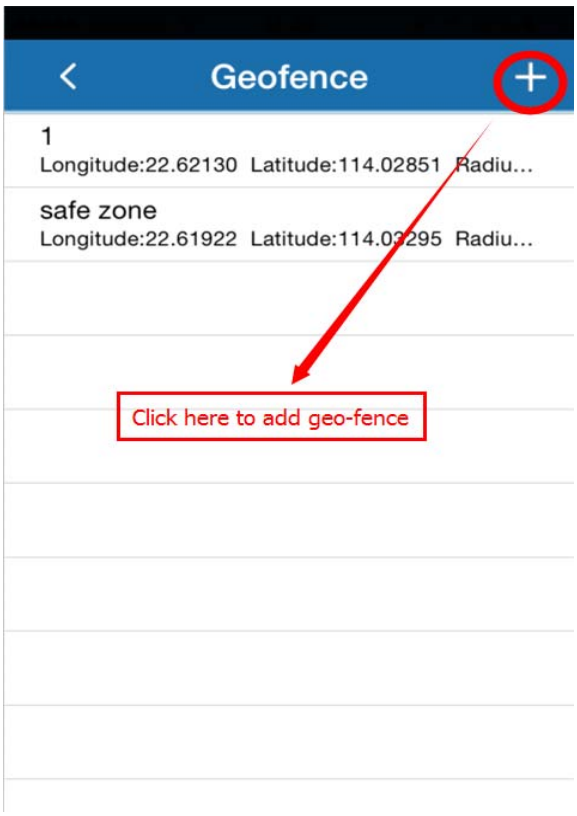
- Picture 1: Click + to add geo-fence
- Picture 2:

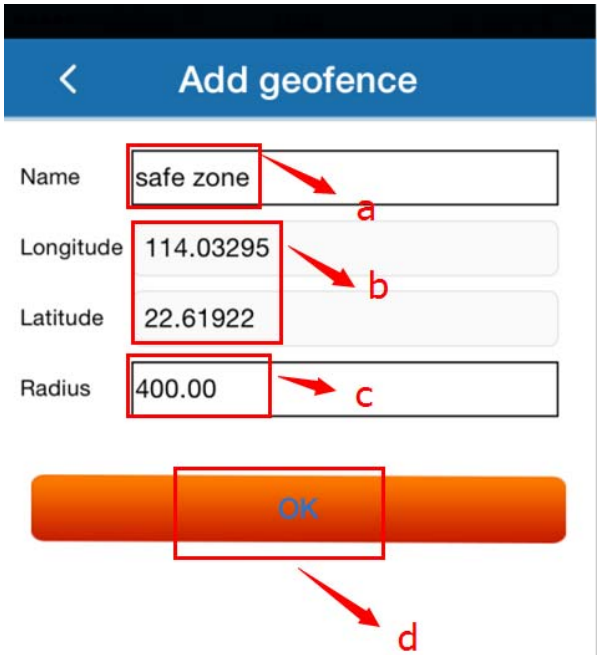
a. Enter the geo-fence room
b. It will created automatically
c. Click C it will appear picture 3

- Picture 3:

a. Click a to adjust geo-fence range
b. Move mobile screen to adjust geo-fence position

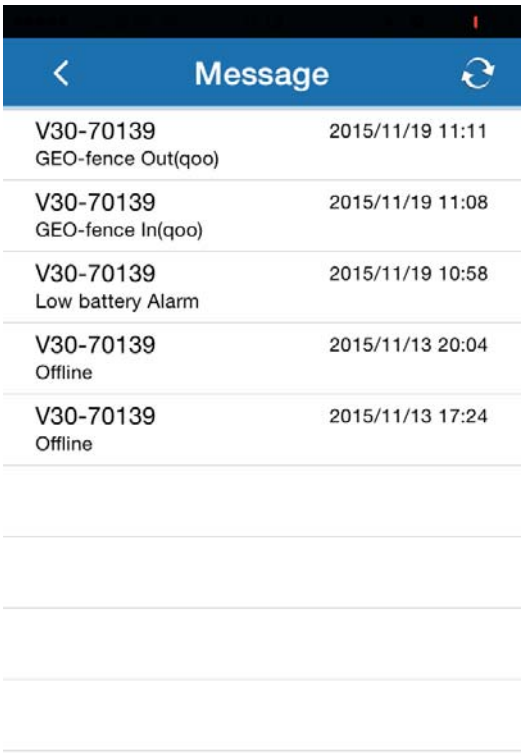
- Picture 2: click d to finish it

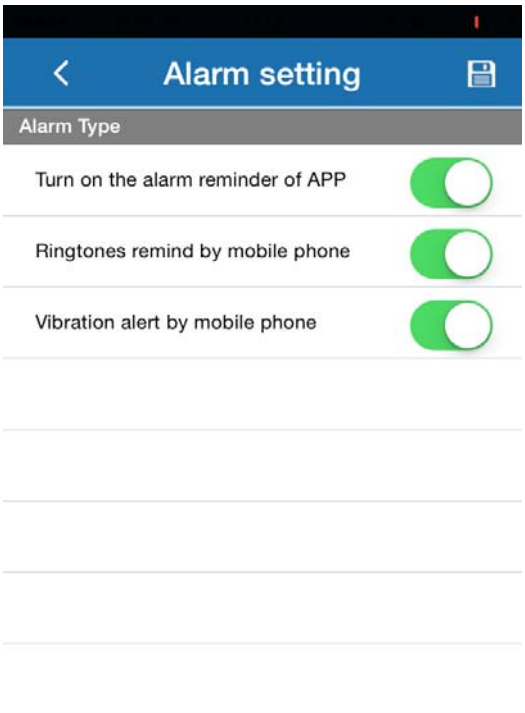




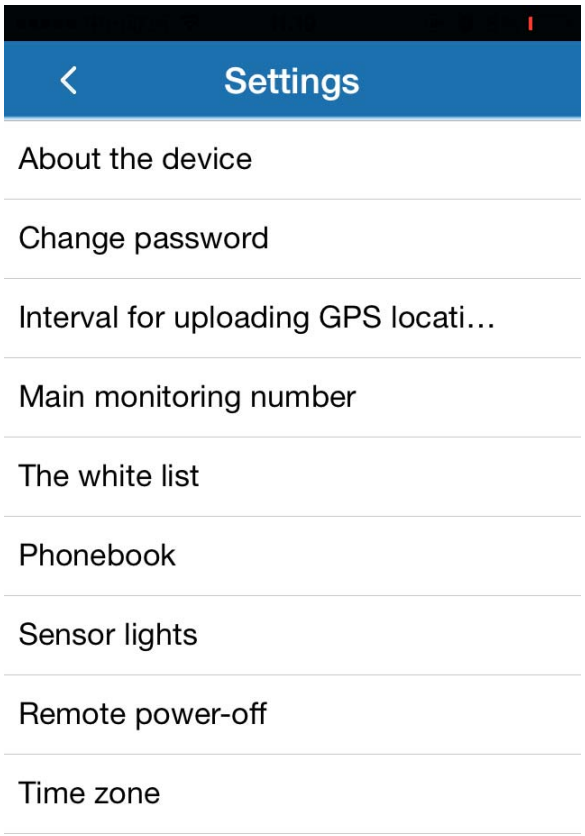
- **WIFI safe zones :** You can set two WiFi safe zones, when wearer leave safe zones, our platform will send alert to your Mobile APP.

- **Device message :** List shows alert information of device.
- **Alarm setting :** Choose the alert way
- **Log out:** Log out the APP, and never get the alarm remind via APP.





➢ **Setting**



1. **About the device:** Check and edit information of the device.

2. **Change password :**Amend log in password of the website platform and App.

3. **Interval for uploading GPS location:** Adjust the time interval of GPS uploading location. Shorter time interval with shorter standby time, more accuracy location.

4. **Main monitoring number:** The master number, to send command and receive alarm.

5.**The white list and phone book:** Only the phone numbers of white list or phone book can call the phone number of the device and monitoring.

6.**Sensor lights:** When the environment gets dark, open LED flash automatically, easier to see about the activity status of wearer.

7.**Remote power-off：** Through App to power off device.

8.**Time zones：** The factory default is UTC+08:00; users can set it according to local time zone

- SMS setting:

All the functions also can set by SMS command

1. All command use in lowercase letters, without any blank space and ending by #.
2. Command for setting master number :**pw,123456,center,number#**
   For example: pw,123456,center,180********#
   The tracker will reply: 180******** has been set for the master number successfully.
3. Command list

Command	**Function**
pw,123456,center,number#	Set master number
factory#	Delete all number , restore factory default
gprspps,0#	Close GPS positioning, only GSM standby
gprspps,1#	Open GPS positioning(default)
led,0#	Close LED indicator light
led,1#	Open LED indicator light(default)
lsn,0#	Close LED Smart rolling LED light
lsn,1#	Open LED Smart rolling LED light (default)
lag,1#	Change the language to Chinese (default)
lag,2#	Change the language to English
reboot#	Remote restart GPS host
apn,apndata#	Configure the apn setting

- Remark：

1. The tracker will boot automatically when it is charging. Put the tracker in network signal better position when use.
2. The new machines need to be recharged for 2 hours before use
3. Standby time : Upload location date every 10 minutes ,the standby time is 80 hours ,talking time is 4 hours (Actual test)；2）Turn off APP and web platform function, the standby time is about 10 days. Note: Above test data is under the status of strong GSM network.
4. After you insert the SIM card and charge the device, please put bake the rubber plug into hole to make sure the waterproof effect.
5. Please do not open the case, it will damage the waterproof function and loss the warranty rights.

Website is almost same as APP; please visit www.gps123.org to learn more.

- Important

The most problem the users will met is the device can't online. The solution is follow:

1. Confirm the SMS and calling work or not, if they don't work. It means the IMEI is not work. The situation usually will not happen.
2. If SMS and calling work well, please confirm your SIM card have data plan.
3. If the data plan have activated, please find the APN of the SIM car you use. The best way is call the carrier to get the APN.
4. Send SMS command: apn,yourapn#; the device will work now.
5. If the device still not works, please change a 2G SIM card. Eric told me the best choice is use a 2G (GSM) SIM card, because the device need use GPRS (GSM) network to upload the location data to their server. Some 3G or 4G SIM card can use, but the best is 2G (GSM) SIM card.
6. When you buy a 2G (GSM) SIM card, if it is the same problem. Please do as step 1-4.

About US

- **Company profile**

Shenzhen Ruifenghuizhi Technology Co., Ltd (Parent Company: RF-GSM Technology (HK) Co., Ltd),over 7 years specialize in R&D innovation , manufacturing superior GPS products in terms of Personal GPS Tracker, Vehicle GPS Tracker, Mini GPS Tracker, GSM GPS Tracker ,GPS Tracking System and Integrated GPS Tracking Solutions.

Shenzhen Office

Customer visit our company

Employee Training

Outward Bound Training

Attend social welfare activities

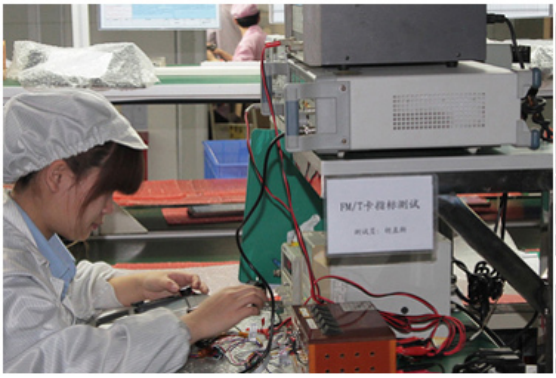
Reachfar Better tomorrow

Production

With one automatic production line, three assembly production lines, one packaging assembly line and two advanced testing lines, our daily output for GPS digital terminals reaches up to 2000 pieces.

Automatic production line

Manu assembly line



Product testing line

Product packing line

Certification

Focusing on products that are truly superior and innovative, RF-GSM has been awarded ISO9001 Quality Certification, our products have passed the international certification Design Patent, CE, FCC, Rosh, CCC , etc and grown to become one of the largest manufacturers and exporters of GPS tracking products in China.

Quality Control

Take “customer first, quality first, continuous improvement and seek for perfection” as our quality policy, has established long-term business relationship with more than 500 production enterprises and operating companies.

1. R&D testing:

upgrade testing, signal testing, functional testing, performance testing, install ation testing and safety testing;

2. Production testing:

The first testing phases, aging test phases, and secondary testing phases. Internal battery, FLASH

chip , voltage regulator IC, Switching on/off Power Supply, MCU, GPS / GSM modules, basic settings, as well as the appearance

of tracker will be tested during Production testing period.

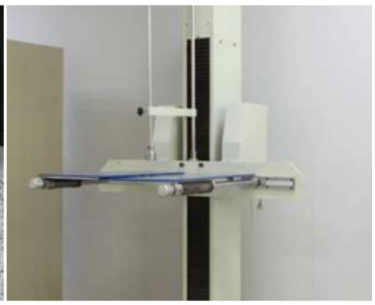
Constant temperature and humidity testing machine

Precision smoke testing machine

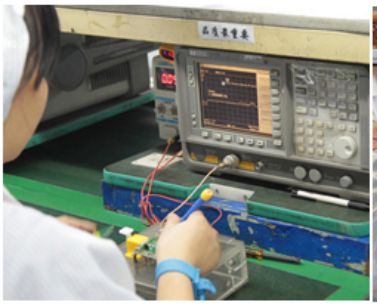
Vibration testing machine

Screen Abrasion Tester key life testing machine

Battey life testing machine



Drop test machine



Circuit board test

finished product test

Product aging test

Why Reachfar?

1. Professional manufacturer, less intermediate links, then more competitive price and quicker service than many trading companies.
2. All products are approved by CE, Rosh, and FCC certification, strict complies with ISO9001 quality control standard; rigorous tests before shipment to ensure our superior and proven reliable quality, two years warranty.
3. Powerful tracking platform, tracking via website, APP, SMS and wechat, there is always one suit for you.
4. With our in-house R&D team of experienced engineers, developers and product managers, we offer a wide range of OEM/ODM service for total solutions of GPS trackers, GPS receivers, GPS loggers, GPS tracking system.
Hardware design includes: PCB Re-layout / New Case Design / External Device Integrated
Firmware development includes: New Firmware (Different Protocol) Development / Modification of Current Firmware/New Functions Development
5. 500 pieces in stock, goods can ship within 24 hours for special order.
6.80% turnover for exporting, with full experience for global markets, a profession team will offer you prompt, patient and efficient service; help you solve your problem A.S.A.P.

RF-V30 Pet GPS trackers let you make sure your domestic animals are safe 24/7. You should consider purchasing one if you are concerned about your pet's whereabouts.
http://rfgsm.en.alibaba.com/product/60336865876-800783723/RF_V30_smart_wifi_anti_lost_small_waterproof_cheap_pet_gps_tracker.html

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