

Mobile IoT Solution

Personal Device and Dedicated Cloud Service

G-tracker 1151



Seek the
agent and
OEM
partners

Personal GPS Device



Elder Person

Care elderly who lives alone



Handicapped Person

Record moving trail and stay time



Car Family

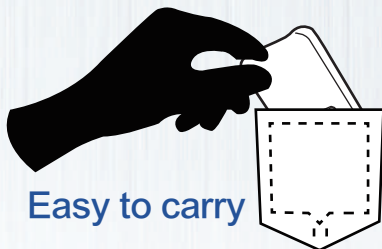
Find the position of a car if stolen



House pet

Allow the pet running around;
no need to worry it get lost

1 With NB-IoT Network Service

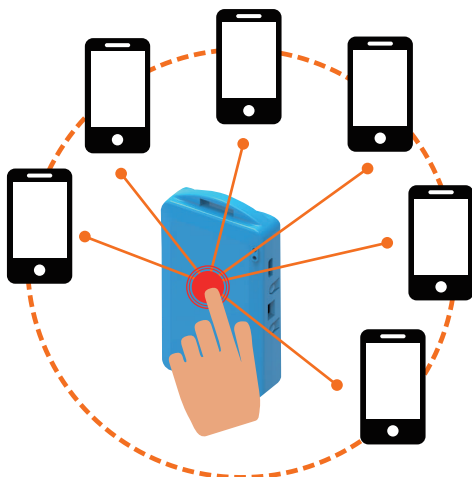


Easy to carry

2 Trigger buzzer from smart phone Catch the attention of others around



3 Message button Send the predefined message to six smart phones at same time



4 GPS location sharing Keep the GPS trail for seven days



G-tracker 1151 Hardware Specification

Item		Specification
External Interface	1 Slide Switch	Power On/off Switch
	2 Buttons	1 Push Button, 1 Pairing Button
	2 LEDs	1 Green, 1 Blue
	1 Buzzer	1. 5 Sound 2. Alarm for Low battery
Mechanical Dimension *1		80(L) x 50(W) x 20(H) mm
ChipSet		1. ESP8266-ESP12F 2. SARA-R410M-02B 3. ZOE-M8Q 4. LP28055 (Charger IC) 5. LP3989 6. XC6228332VR-G 7. LP3875EMEMP
Antenna		1. NBIOT Chip ANT 2. GNSS Chip ANT 3. WiFi PCB ANT
RF Performance	Wi-Fi	1. Wi-Fi @ 2.4 GHz 2. IEEE802.11 b/g/n
	NB-IoT	1. 3GPP Rel13 2. LTE Cat M1 / NB1 Half-Duplex 3. Power Class 3 (23dBm) 4. Bands 1, 2, 3, 4, 5, 8, 12, 13, 17, 18, 19, 20, 25, 26, 28, 39 *2 5. Data Rate: • LTE category M1 up to 375 kb/s UL up to 375 kb/s DL • LTE category NB1 up to 62.5 kb/s UL up to 27.2 kb/s DL
	GNSS	GPS / GLONASS / Galileo / BeiDou
Operating Voltage	Charging input	1. Via micro USB 2. Programmable Charge Current Up to 1200mA
	Discharging output	1. Nominal Voltage 3.7V 2. Charge Voltage 4.2V
	Lithium Battery	1. 54 x 35 x 6mm 2. 0.2C discharge to the 3V after standard charge at 23±2°C
	SIM	1.80 V typical or 2.95 V
APP		Support Android, iOS iOS will be available on 2019/Q2 1. Provide message button, send the pre-defined message to six smartphones at same time. 2. Provide the triggered buzzer button; it can play a pre-defined sound. 3. Display the low battery message. 4. Current location query. 5. Based on date and time to inquiry the moving trail.

*1 Provide the customized service for mechanism design.

*2 Supported in LTE category M1 only (LTE Cat M1 / NB1 characteristics)