



PRODUCTS MANUAL



SHENZHEN EELINK COMMUNICATION TECHNOLOGY CO.,LTD

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SHENZHEN EELINK COMMUNICATION TECHNOLOGY CO.,LTD

◀ Eelink Profile ▶

Shenzhen Eelink Communication Technology Co., Ltd. was established in 2004. We are the leading China based GPS tracking device manufacturers with world class hardware and software solutions.

We have accumulated rich experience in R&D, design and manufacture of GPS tracking terminal products.

At present, Eelink communication technology company has become China's leading

Manufacturer, supplier of GPS tracker.

We provide one-stop service for design, supply and sales, and continuously develop customer-satisfied GPS tracking terminal products to meet client's needs.

Eelink Communication has gathered a group of experienced experts and senior engineers in the Internet of Things platform, APP client and GPS tracking terminal products.

We have a professional technical team integrate software, hardware and design.

We strictly controls the quality of GPS tracking terminal products, builds a sound production management system, and forms a mature pre-sales and after-sales service as well as technical support services.

The culture of Eelink:

1. Customer first, service first.
2. Integrity management, quality first
3. Technological innovation, people-oriented, sustainable development



Main GPS Tracker Product Model We Sell:

Vehicle GPS Tracker : 2G: TK115,TK116,TK121,TK121-S, TK119,

3G : TK119-3G,TK319-H

4G : TK319-L, TK419,TK418

Long Standby Tracker: 2G: GPT09,GPT26,GPT12

3G: GPT06-3G,GPT19-H

4G: GPT12-L,GPT46,GPT49

OBDII GPS Tracker : GOT08

Personal GPS Tracker: K20,K30,GPT18

Temperature Tracker /Logger: TPT02, TK319-HT, Beacon BTT01

Why Choose Us?

- 1. High quality products with good stability.
- 2. Fast delivery , strong supply capacity.
- 3. Perfect customer service system.
- 4. High-tech enterprise qualification.
- 5. Strong technical R&D design team for OEM/ODM customization.

SMT



Factory SMT Workshop

ASSEMBLE LINE



Factory Assembly Workshop



SHENZHEN EELINK COMMUNICATION TECHNOLOGY CO.,LTD

◀ Certifications ▶



◀ Features ▶

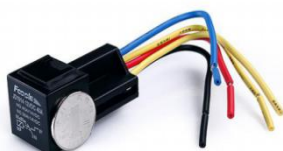
- Support 4G LTE FDD network, compatible with 3G and 2G
- GPS/Glonass/Beidou/Galileo/Qzss position
- Real time tracking
- ACC status detection
- Built-in battery for disconnect alarm
- Geo-fence alarm
- Built in accelerator
- Waterproof IP65
- Speed alarm when overspeed
- USB connect with PC to configure device
- Cut off engine remotely(optional relay)
- External battery port (optional)
- SOS panic alarm by SOS button(optional)
- iButton for the driver identification (customized)
- Connect to BLE Host (customized)
- GPIO/Serial port expansion (customized)
- Eelink Protocol 2.0,Firmware OTA
- The module is with PTCRB/FCC/GCF /IC/Anatel/AT&T approval



◀ Parameters ▶

- Dimension : 89(L)x37(W)x12(H)mm
- LED: GPS(Blue),GSM/WCDMA/LTE(Red)
- Built-in battery :140mAh
- Work Current : GPRS(500mA); LTE(800mA) WCDMA(700mA).
- Standby current : Power off(20uA); Sleep(3mA); Idle(22mA)
- Voltage: 12/24/36/48/60/72VD
- Antenna : Built-in GSM/WCDMA/LTE antenna, ceramic GPS antenna
- GPS Band: L1-band(1575MHz)
- LTE Band: FDD(B1/B2/B3/B4/B5/B7/B8/B28); TDD(B40)
- WCDMA Band :B1/B2/B5/B8
- GSM Band:B2/B3/B5/B8
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 46g

TK419 Optional Accessories



Relay(Optional)



SOS(Default Optional)



External Battery(Optional)



iButton(Optional)

◀ Features ▶

- Support LTE CAT M1 /NB1 network
- GPS/LBS double way,A-GPS assisted
- Real time tracking
- ACC status detection
- Built-in battery for disconnect alarm
- Geo-fence alarm
- Built in accelerator
- Waterproof IP65
- Speed alarm when overspeed
- USB connect with PC to configure device
- Cut off engine remotely(optional relay)
- External battery port (optional)
- SOS panic alarm by SOS button(optional)
- Temperature detection (customized)
- iButton for the driver ID identification (customized)
- Connect to BLE Host (customized)
- GPIO/Serial port expansion (customized)
- Eelink Protocol 2.0,Firmware OTA
- The module is with PTCRB/FCC/GCF /IC/Anatel/AT&T approval



NB-IOT

◀ Parameters ▶

- Demension : 89(L)x37(W)x12(H)mm
- LED: GPS(Blue),GSM/LTE(Red)
- Built-in battery :140mAh
- Work Current : GPRS(265mA); LTE(260mA)
- Standby current : Idel(2mA@12V)
- Voltage: 12/24/36/48/60/72VD
- Antenna : Built-in GSM/LTE antenna, ceramic GPS antenna
- GPS Band: L1-band(1575MHz)
- LTE Band: B1/B2/B3/B4/B5/B8/B12/B13/B17/B18/B19/B20/B25/B26/B28/B39
- GSM Band: 850/900/1800/1900MHz
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 46g
- Temperature sensor:accuracy $\pm 0.5^{\circ}\text{C}$
- Temperature sensor: arrange $-30^{\circ}\text{C}\sim 80^{\circ}\text{C}$

TK418 Optional Accessories



Relay(Optional)
eLink



SOS(Default Optional)



External Battery(Optional)



Temperature Sensor(Optional)

◀ Features ▶

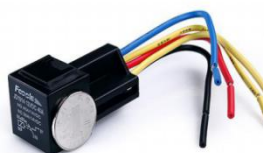
- Support 3G WCDMA/GSM network
- GPS/LBS double way,A-GPS assisted
- Real time tracking
- ACC status detection
- Built-in battery for disconnect alarm
- Geo-fence alarm
- Built in accelerator
- Waterproof IP65
- Speed alarm when overspeed
- USB connect with PC to configure device
- Cut off engine remotely(optional relay)
- External battery port (optional)
- SOS panic alarm by SOS button(optional)
- Temperature detection (optional)
- GPIO/Serial port expansion (customized)
- Eelink Protocol 2.0,Firmware OTA
- The module is with PTCRB/FCC/GCF /IC/Anatel/AT&T approval



◀ Parameters ▶

- Demension : 89(L)x37(W)x12(H)mm
- LED: GPS(Blue),GSM/WCDMA(Red)
- Built-in battery :140mAh
- Work Current : GPRS(140mA); HSPA(460mA)
- Standby current : Idel(2mA@12V)
- Voltage: 12/24/36/48/60/72VDC
- Antenna : Built-in GSM/WCDMA antenna, ceramic GPS antenna
- GPS Band: L1-band(1575MHz)
- WCDMA Band: W800/W850/W900/
W1900/W2100MHz
- GSM Band: 850/900/1800/1900MHz
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 46g
- Temperature sensor:accuracy $\pm 0.5^{\circ}\text{C}$
- Temperature sensor: arrange $-30^{\circ}\text{C}\sim 80^{\circ}\text{C}$

TK319-H Optional Accessories



Relay(Optional)



SOS(Default Optional)



External Battery(Optional)



Temperature Sensor(Optional)

◀ Features ▶

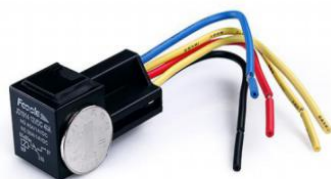
- Support 3G WCDMA/GSM network
- GPS/LBS double way,A-GPS assisted
- Real time tracking
- ACC status detection
- Built-in battery for disconnect alarm
- Geo-fence alarm
- Built in accelerator
- Waterproof IP67
- Speed alarm
- Cut off engine remotely (optional relay)
- GPIO/Serial port expansion (customized)
- Remote setting by platform/APP/SMS
- Eelink Protocol 2.0,Firmware OTA
- The device is with FCC approval
- Track on platform/APP/SMS



◀ Parameters ▶

- Demension : 87(L)x41.6(W)x12(H)mm
- LED: GPS(Blue),GSM/WCDMA(Red)
- Built-in battery :70mAh
- Work Current :45mA@12V(GPS open)
- Standby current : 20mA@12V(GPS close)
- Voltage: 12/24 VDC(6-28V)
- Antenna : Built-in GSM/WCDMA antenna, ceramic GPS antenna
- GPS Band: L1-band(1575MHz)
- WCDMA Band: W850/W1900/W2100MHz
- GSM Band: 850/900/1800/1900MHz
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 50g

TK119-3G Accessories



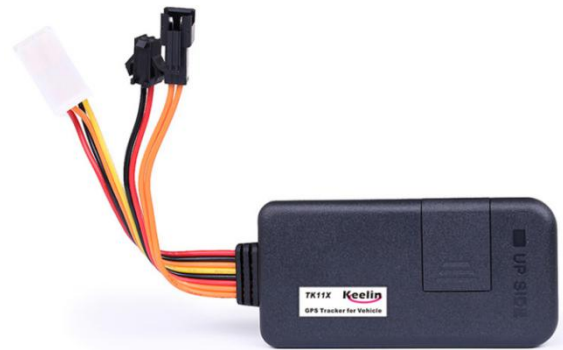
Relay(Optional)



Power Cables (Default)

◀ Features ▶

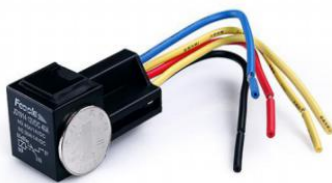
- Support 2G GSM network
- GPS/LBS double way,A-GPS assisted
- Real time tracking
- ACC status detection
- Built-in battery for disconnect alarm
- Geo-fence alarm
- Built in accelerator
- Speed alarm
- Shift alarm
- Cut off engine remotely(optional relay)
- SOS panic alarm(optional SOS)
- Listening (optional microphone)
- Remote setting by platform/APP/SMS
- Multiple protocol support,firmware OTA
- The device is with CE approval



◀ Parameters ▶

- Demension : 79.5(L)X38.5(W)X10.5(H)
- LED: GPS(Blue),GSM(Red)
- Built-in battery :200mAh
- Work Current : <30mA@12V
- Standby current : <10mA@12V
- Voltage: 12/24 VDC
- Antenna : Built-in GSM antenna, ceramic GPS antenna
- GPS Band: 1575MHz
- GSM Band: 850/900/1800/1900MHz
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 45g
- Operating temperature : -20℃~70℃
- Operating humidity:20% ~ 80%RH

TK116 Optional Accessories:



Relay(Optional)



SOS(Default Optional)



Microphone (Optional)

◀ Features ▶

- Support 2G GSM network
- GPS/LBS double way,A-GPS assisted
- Real time tracking
- ACC status detection
- Geo-fence alarm
- Speed alarm
- Shift alarm
- Cut off engine remotely(optional relay)
- Wide voltage,9V-60V
especially for motorcycle
- Remote setting by platform/APP/SMS
- Support history route play back
- Multiple protocol support,firmware OTA



◀ Parameters ▶

- Demension : 71.8(L)X38.5(W)X10.5(H)
- LED: GPS(Blue),GSM(Red)
- Work Current : <30mA@12V
- Standby current : <10mA@12V
- Voltage: 12VDC/24VDC/48VDC/60 VDC
- Antenna : Built-in GSM antenna,
ceramic GPS antenna
- GPS Band: 1575MHz
- GSM Band: 850/900/1800/1900MHz
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 42g
- Operating temperature : -20℃~70℃
- Operating humidity:20% ~ 80%RH
- Hot/warm/cold start time:<3s,<15s,<60s

TK115 Optional Accessories:



Relay(Optional)



power cable(default)

◀ Features ▶

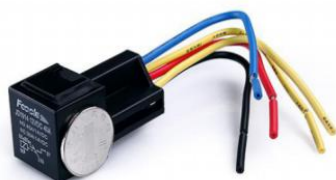
- Support 2G GSM network
- GPS/LBS double way,A-GPS assisted
- Real time tracking
- ACC status detection
- Built-in battery for disconnect alarm
- Geo-fence alarm
- Built in accelerator
- Waterproof IP67
- Speed alarm
- Cut off engine remotely (optional relay)
- Remote setting by platform/APP/SMS
- Eelink Protocol ,Firmware OTA



◀ Parameters ▶

- Demension : 87(L)X41.6(W)X 12(H)mm
- Work Current:<30mA@12V(GPS open)
Standby Current:<10mA@12V
- LED: GPS(Blue),GSM(Red)
- GPS Band: 1575MHz
- Voltage : 12/ 24/ 36/ 48/ 60/ 72 VDC
- Battery Capacity: 90mAh
- Antenna : Built-in GSM antenna,
ceramic GPS antenna
- GSM Band: 850/900/1800/1900MHz
- Working mode: Intelligent mode
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 50g
- Operating temperature : -20℃~65℃

TK119 Optional Accessories:



Relay(Optional)



power cable(default)

◀ Features ▶

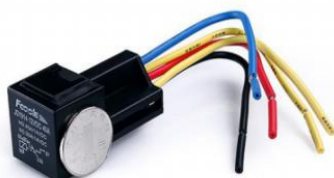
- Support 2G GSM network
- GPS/LBS double way,A-GPS assisted
- Real time tracking
- ACC status detection
- Built-in battery for disconnect alarm
- Geo-fence alarm
- Built in accelerator
- Speed alarm
- Shift alarm
- Cut off engine remotely(optional relay)
- Remote setting by platform/APP/SMS
- Multiple protocol support,firmware OTA
- GPIO extension (customized)



◀ Parameters ▶

- Demension : 85.8(L)X 30.6(W) X 10.8(H)
- LED: GPS(Blue),GSM(Red)
- Work Current : <30mA@12V
- Standby current : <10mA@12V
- Voltage: 12/ 24/ 36 VDC
- Antenna : Built-in GSM antenna, ceramic GPS antenna
- GPS Band: 1575MHz
- Battery Capacity: 80mAh
- GSM Band: 850/900/1800/1900MHz
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 33g
- Operating temperature : -20℃~70℃
- Operating humidity:20% ~ 80%RH
- Hot/warm/cold start time:<3s,<15s,<60s

TK121 Optional Accessories:



Relay(Optional)



power cable(default)

◀ Features ▶

- 4G LTE CAT M1/NB-IOT /EGPRS network
- GPS/Glonass/Beidou/Galileo/Qzss position
- GNSS/Wifi/LBS
- Bluetooth: 2523 Bluetool 4.2
- Real time tracking
- Geo-fence alarm
- Built in accelerator
- Waterproof
- Long standby
- Wireless ,rechargeable battery
- Built-in light sensor for detecting door opening/box behavior
- Host Tracker (connect Beacons for temperature monitor to server)
- Remote setting by platform/APP/SMS
- Eelink Protocol 2.0,Firmware OTA



◀ Parameters ▶

- Dimension : 120(L) X 69(W) X 19.5(H)mm
- LED: GPS(Blue),GSM(Red)
- Work Current : LTE data (400mA);
GPRS data (500mA);
Idle(3mA);30uA(power off)
- GNSS Current: <2M@Open Sky
- Standby current : <10mA@12V
- Working Voltage: 3.3V-4.2V
- GPS Band: 1575MHz
- Battery Capacity: 5500mAh
- Antenna : Built-in GSM antenna,
ceramic GPS antenna
- LTE CAT M1 Band: B1/B2/B3/B4/B5/
B12/B13/ B14/B18/B19/B20/
B25/B2 6/B27/B28/B66/B85
- LTE CAT NB2 Band: B1/B2/B3/B4/B5/
B12/B13/ B18/B19/B20/B25/
B26/B2 7/B28/B66/B71/B85
- EGPRS Band: 850/900/1800/1900MHz
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 166g
- Operating temperature : -20°C~60°C

GPT46 Accessories:



3M Velcro (default)

◀ Features ▶

- 4G LTE FDD/TDD /WCDMA/GSM , M2M-optimized network
- GPS/Glonass/Beidou/Galileo/Qzss etc
- Long standby 3-5 years
- Flexible set different report time when needed
- Emergency mode can enable when needed
- Standby /emergency working mode
- Waterproof IP65
- Geo-fence alarm
- Wireless
- Lithium manganese battery
- Remote setting by platform/APP/SMS
- Eelink Protocol 2.0,Firmware OTA
- The module with PTCRB/FCC/CE/IC/GCF/Anatel/RCM/FAC/FCC approval



◀ Parameters ▶

- Dimension : 120(L)x69(W)x19.5(H)mm
- LED: GPS(Blue),GSM/WCDMA/LTE(Red)
- Built-in battery :6500mAh
- Work Current : GPRS(500mA); LTE(700mA) WCDMA(700mA); power off(15uA)
- Standby current : Power off(20uA); Sleep(3mA); Idel(22mA)
- Weight : 166g
- Voltage: 3 VDC
- Antenna : Built-in GSM/WCDMA/LTE antenna, ceramic GPS antenna
- GPS Band: L1-band(1575MHz)
- LTE Band: FDD(B1/B2/B3/B4/B5/B7/B8/B28); TDD(B40)
- WCDMA Band :B1/B2/B5/B8
- GSM Band:B2/B3/B5/B8
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m



GPT49 Accessories:



3M Velcro (default)

◀ Features ▶

- 4G LTE CAT M1/NB-IoT /GSM network
- GPS/Glonass/Beidou/Galileo/Qzss position
- Long standby 2-3 years, work 3 mins per day
- Flexible set different report time when needed.
- Smart&thin,easy hid for installation
- Emergency mode enable when needed
- Standby /emergency working mode
- Geo-fence alarm
- Eelink Protocol 2.0,Firmware OTA
- The module is with PTCRB/FCC/GCF /IC/Anatel/AT&T approval



◀ Parameters ▶

- Demension : 96(L)X 50(W) X 11.2(H)mm
- Work Current: LTE CAT M1(124~265mA);
LTE NB1 (65mA~78mA)
- LED: GPS(Blue),LTE/GSM(Red)
- Standby Current:10uA
- GPS Band: 1575MHz
- Battery Capacity: 4500mAh
- Antenna : Built-in GSM/WCDMA/LTE
antenna,ceramic GPS antenna
- LTE FDD Band: B1/B2/B3/B4/B5/B8/B12
/B13/ B18/B19/B20/B26/B28
- LTE TDD Band: B39 (for Cat M1 Only)
- GSM Band: 850/900/1800/1900MHz
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 65g
- Voltage:3.6V
- Operating temperature : -20℃~65℃

GPT12-L Accessories:



3M Velcro (default)

◀ Features ▶

- 3G WCDMA /GSM network
- GPS/LBS double way,A-GPS assisted
- Long standby 2-3 years, work once per day
- Magnetic adsorption,easy hidden install
- Emergency mode enable when needed
- Standby /emergency working mode
- Waterproof
- Geo-fence alarm
- Replaceable battery
- Built-in light sensor for anti removed
- Eelink Protocol 2.0,Firmware OTA
- The module is with PTCRB/FCC/IC/Anatel/AT&T /FCC approval



◀ Parameters ▶

- Demension : 95(L)X 58(W) X 24.5(H)mm
- Work Current: GPRS(140mA); HSPA(460mA)
- Sleep Current: <30uA
- LED: GPS(Blue),WCDMA/GSM(Red)
- GPS Band: 1575MHz
- Battery Capacity: 4200mAh
- Antenna : Built-in GSM/WCDMA antenna,ceramic GPS antenna
- WCDMA Band: W800/W850/W900/W1900/W2100MHz
- GSM Band: 850/900/1800/1900MHz
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 140g
- Voltage:3.6V
- Operating temperature: -20℃~65℃

GPT19-H Accessories:



screwdriver(default)

◀ Features ▶

- Support 2G GSM network
- GPS/LBS Wifi ,A-GPS assisted
- Real time tracking
- Bluetooth 4.0 for anti-remove
- Built-in battery for disconnect alarm
- Geo-fence alarm
- 1800mAh battery, rechargeable
- Built-in light sensor
- Portable and smart
- Remote setting by platform/APP/SMS
- Multiple protocol support,firmware OTA



◀ Parameters ▶

- Demension : 96(L)X 50(W) X 11.2(H)mm
- Work Current: < 50mA (GPS on); < 10mA (GPS off)
- LED: GPS(Blue),WCDMA/GSM(Red)
- GPS Band: 1575MHz
- Wifi : 2.4GHz 802.11b/g/n MAC/BB/RF
- Light Sensor: 0-2047LUX
- Battery Capacity: 1900mAh
- Antenna : Built-in GSM antenna,
ceramic GPS antenna
- GSM Band: 850/900/1800/1900MHz
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 65g
- Usually standby 10-12 days
- Operating temperature: -20℃~65℃

◀ Application ▶

Personal tracking
Asset Tracking
Luggage Tracking
Box Tracking
Property Tracking



Employee
management solutions



Trucking & logistics
solutions



Fleet management
solutions



Car rental solutions

◀ Features ▶

- Support 2G GSM network
- GPS/LBS ,A-GPS assisted
- ACC status detection
- Geo-fence alarm
- Real time tracking
- History track playback
- Plug &Play
- Geo-fence alarm
- Pull out alarm
- Speed alarm
- Built-in motion sensor
- Easily install
- Remote setting by platform/APP/SMS
- Support Eelink 1.9/2.0 ,firmware OTA



◀ Parameters ▶

- Demension : 56.5(L)X 47(W) X 24.6(H)mm
- Work Current:<40mA@12V(GPS open)
Standby Current:<10mA@12V
- LED: GPS(Blue),WCDMA/GSM(Red)
- GPS Band: 1575MHz
- Voltage : 12VDC/24 VDC
- Antenna : Built-in GSM antenna,
ceramic GPS antenna
- GSM Band: 850/900/1800/1900MHz
- Working mode: Intelligent mode
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 56g
- Operating temperature: -20℃~65℃

GOT08 Accessories:



Screws (standard)

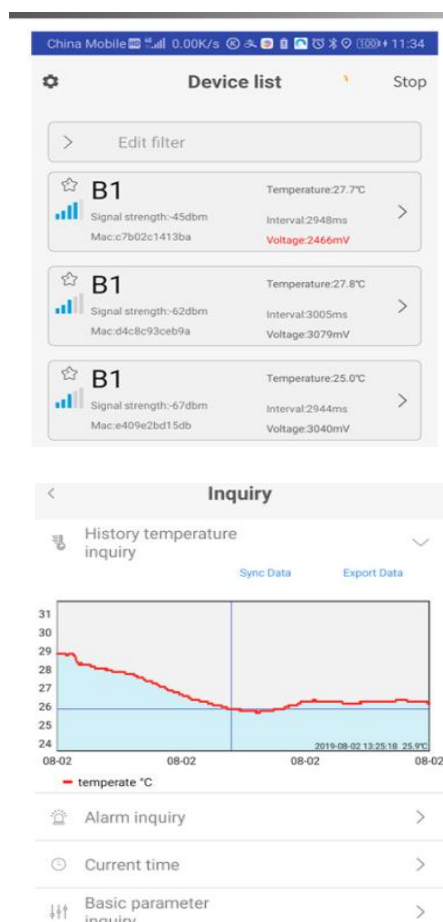
Features

- Temperature recording
- Work without Simcard
- Waterproof IP65
- Data Cache: half a year
- Long standby more than 6 years
- High sensitive temperature sensor
- Bluetooth 5.0(broadcast longest to 500m)
- Cellphone connection(send data to cellphone by BLE,APP send data to server)
- GPS tracker connect(send temp data to tracker by BLE,tracker send data to server, connect at most 24 beacons)
- Application: Cold Chain/Food&Medicine
- Keeping/Temperature IoT



Parameters

Data shows:



- Demension : 66.5(L)X56(W)X 6.7(H)mm
- Color : Gray
- GPS Band: 1575MHz
- Bluetooth: BLE 5.0
- Voltage: 3VDC
- Weight : 27g
- Battery Capacity: 1350mAh
- Broadcast Power: 8db
- Broadcast Frequency: 5s
- LED/Button:Blue LED/Power on;
Red LED/Power off
- Current: 17uA(average);
4uA(standby);1.1uA(power off)
- Sensor accuracy: $\pm 0.5^{\circ}\text{C}(0^{\circ}\text{C}-65^{\circ}\text{C})$;
 $\pm 1^{\circ}\text{C} (-20^{\circ}\text{C}-0^{\circ}\text{C})$
- Transmit Length:500m in open environment
- Operating temperature: $-20^{\circ}\text{C}\sim 60^{\circ}\text{C}$

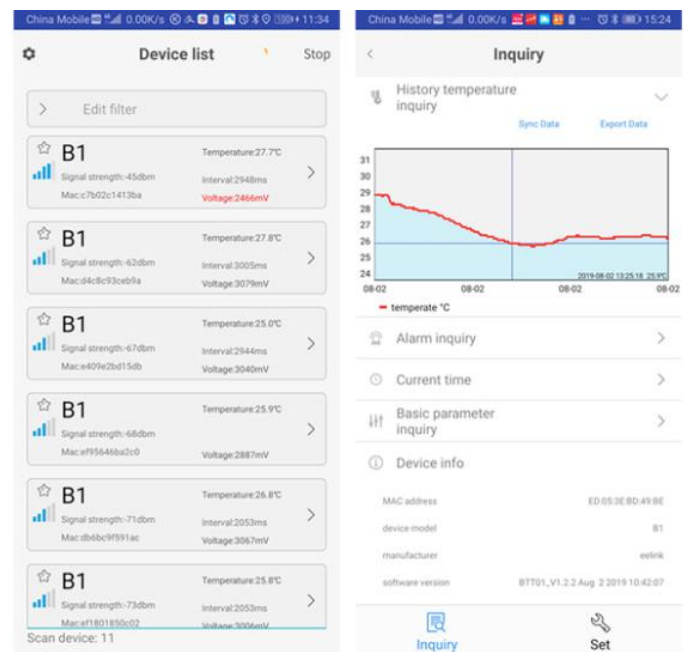
Features

- LCD screen to show Temp, Humidity data
- Temperature, Humidity monitoring in real time.
- No Simcard
- Waterproof IP65
- Data Cache: half a year
- Long standby more than 2 years
- High sensitive temperature, humidity sensor
- Bluetooth 5.0(broadcast longest to 500m)
- Cellphone connection(send data to cellphone by BLE,APP send data to server)
- Send temp data to GPS tracker by BLE, GPS tracker send data to server. Connect at most 24 beacons
- Application: Cold Chain,Food, Fruit,Medicine



Parameters

Keelin-Beacon APP



Battery Voltage	3 VDC
Battery Capacity	600mAh
Dimensions (mm)	101(L)X 42(W) X 11.5(H)
LCD size (mm)	24.58 X 24.58
LCD Resolution	120*120px
Bluetooth	BLE5.0
Temperature Arrange	-20℃~60℃
Temperature Accuracy	± 0.2 ℃
Humidity Arrange	0%~100% RH
Humidity Accuracy	± 2% RH
Local Storage Capacity	100K sets of data
Weight	42 g

◀ Features ▶

- Support 2G GSM network
- GPS/LBS ,A-GPS assisted
- Geo-fence alarm
- Real time tracking
- SOS for help
- Health care
- History track playback
- Two ways phone call
- Geo-fence alarm
- One key flashlight
- Built-in motion sensor
- Pedometer
- Remote set by platform/APP/SMS
- Eelink protocol ,firmware OTA



◀ Parameters ▶

- Demension : 115.5(L)X54.2(W)X 16.4(H)mm
- Work Current: 60mA
- Standby: 10 days(GPS close)
- Color : Red & Black
- GPS Band: 1575MHz
- Voltage/Current: 3.7VDC/40mA
- Charge: 5VDC/500mA
- Charge time: about 3 hours
- Battery Capacity: 1700mAh
- Antenna : Built-in GSM antenna,
FPC GPS antenna
- GSM Band: 850/900/1800/1900MHz
- Working mode: Intelligent mode
- GPS Accuracy: 5-15m
- LBS Accuracy:> 200m
- Weight : 110g
- Operating temperature : -20℃~65℃



◀ Features ▶

- Support 2G GSM network
- GPS/LBS /Wifi,A-GPS assisted
- Geo-fence alarm
- Real time tracking
- SOS for help
- History track playback
- Two ways phone call
- Geo-fence alarm
- Low battery alarm
- Pedometer
- Remote set by platform/APP/SMS
- Eelink protocol ,firmware OTA



◀ Parameters ▶

Accessories (Default):



- Demension : 55(L)X40(W)X 14.3(H)mm
- Color : White
- GPS Band: 1575MHz
- Voltage/Current: 3.7VDC/30mA
- Weight : 20g
- Button: Power on/SOS (long press 3s)
- Battery Capacity : 420mAh
- Charge: 5VDC/500mA
- Charge Time: About 2 hours
- LED : GPS/Wifi (Blue),GSM(Red)
- GSM Band: 850/900/1800/1900MHz
- Antenna: Built in GSM antenna,FPC GPS antenna
- GPS Accuracy: 5-15m(depend on GPS signal)
- Wifi Accuracy: 5-50m(depend on hot spot density)
- LBS Accuracy: more than 200m
- Operating temperature : -20℃~65℃

◀ Features ▶

- Support 2G GSM network
- GPS/LBS /Wifi,A-GPS assisted
- Geo-fence alarm
- Real time tracking
- SOS for help
- History track playback
- Two ways phone call
- Geo-fence alarm
- Low battery alarm
- Waterproof IP65
- Pedometer
- Remote set by platform/APP/SMS
- Eelink protocol ,firmware OTA



◀ Parameters ▶

Four Colors:



- Demension : 40(L)X35(W)X 14.8(H)mm
- Color : Blue/Pink/Green/Gray
- GPS Band: 1575MHz
- Screen : OLED
- Voltage/Current: 3.7VDC/40mA
- Weight : 40g
- Button: Power on/SOS (long press 3s)
- Battery Capacity : 470mAh
- Charge: 5VDC
- Charge Time: About 2 hours
- LED : GPS/Wifi (Blue),GSM(Red)
- GSM Band: 850/900/1800/1900MHz
- Antenna: Built in GSM antenna,FPC GPS antenna
- GPS Accuracy: 5-15m(depend on GPS signal)
- Wifi Accuracy: 5-50m(depend on hot spot density)
- LBS Accuracy: more than 200m
- Operating temperature : -20℃~65℃

Tracking System:Platform/APP

Platform:

www.keelin.com.cn

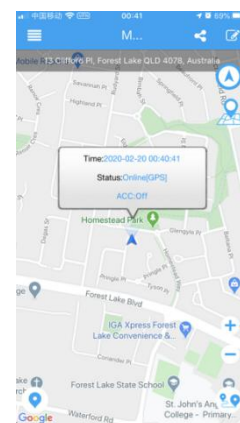
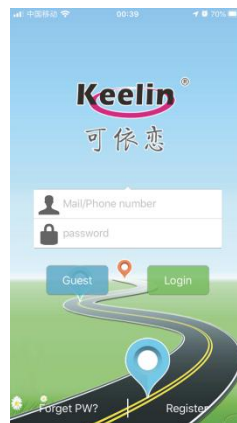
www.sky200.com

APP:

Our APP name Keelin, please search Keelin on APPstore

or Google Play to download,

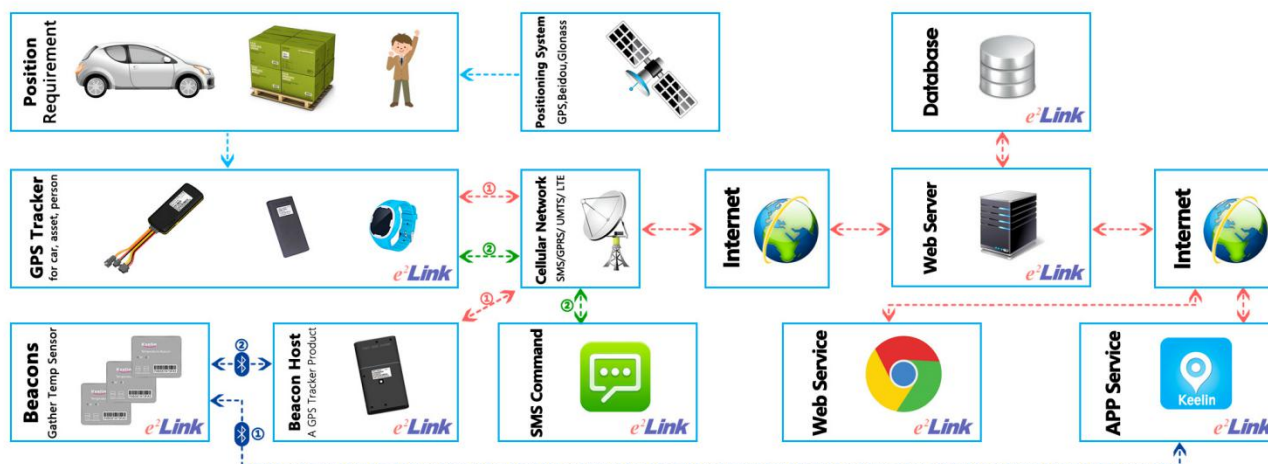
both for Android and iOS system .



The third party platforms:

Our trackers can be used on the third party software platform, such as Gurtam, GPSWOX, Traccar, GPS-Server, Navixy, GpsGate etc.

EELINK Tracker/Beacon Schematic Diagram



EELINK Tracker Principle:

Device built in GPS module and communication module, it will send GPS and other related data packages to platform server by base station every 30 seconds (can be set remotely), Platform displays the location of device on a map based on the positioning data from satellite. Because 2G / 3G / 4G network is used to transmit data, tracker needs to be equipped with a SIM card which enabled data function. There are 2 communication channels between user and device.

In channel 1, Browser or APP issues an instruction which transmitted to device from server through Internet.

In channel 2, Mobile phone sends a SMS instruction to device directly, the instruction will reach device and be execute.

EELINK Beacon Principle:

Beacon has built-in temperature sensor and Bluetooth module that collects temperature data at certain intervals and broadcasts it via Bluetooth.

In mode 1, data is transmitted to mobile phone APP through Bluetooth, and then send to server via internet.

In mode 2, data is transmitted to host device tracker via Bluetooth, then all data is uploaded to server by host.device through internet. 1 host tracker can connect 24 beacons at most.

EELINK GPS Tracker use GPS + LBS double positioning way. Under GPS positioning mode, the highest accuracy can reach 3 ~ 5 meters when signal is quite good (7 GPS satellites are found). In the case of general signal, it's 5 to 15 meters positioning accuracy. If no GPS signal, device will use LBS way to get an inaccurate position, Accuracy depends density of base stations.