



4G/3G/2G Network



Ankle Design



Real-time Tracking



SOS Emergency Call



Long Standby Time

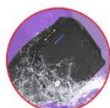
4G Tamper-proof GPS Ankle Bracelet



Electronic pulse
anti-tamper strap



SOS emergency
calling button



IP68 grade
waterproof

C40

Tamper proof ankle bracelet for parolees, prisoner, offender, criminal, dementia, etc.

- 4G/3G/2G network(different countries are different)
- Electronic pulse tamper-proof strap ankle design
- 4,000mAh battery(10days) + 6,000mAh powerbank
- IP68 grade waterproof and dustproof
- GPS+BDS+WIFI+LBS+BLE real-time tracking
- SOS emergency and two-way emergency calling
- Tamper/Battery low and offline alert
- Geo-fence in/out and historical track playback
- Open API and communication protocol

Specification

MCU (Main chipset)	SL8521E(1.3GHZ), Dual-core ARM Cortex A53 processor
Buttons	1 Button (Power on/off and SOS button)
GNSS	GPS, LBS, WIFI, AGPS, BLE Beacon (Indoor tracking)
Memory	NAND + LPDDR2 512 MB (RAM) + 4 GB (ROM)
GPS/BDS signal	L1,1575.42MHz C/A code
GPS antenna	High sensitive LDS antenna
GSM antenna	Four frequency PIFA antenna
Strap materials	Ankle skin-friendly silicone strap
Capture sensitivity	-147dBm
Tracking sensitivity	-165dBm
Working temperature	-20 ~ 70℃
Working humidity	5% to 95% non-congealable
Location accuracy	GPS(outdoor) : 5 - 10 m ; LBS(outdoor) : 100 - 1000 m ; Wi-Fi(iutdoor) : 100 - 300 m
WiFi location	802.11b\802.11g\802.11n
Average working current	<= 45 mA
Average standby current	<= 3 mA

Cellular

4G bands	FDD-LTE: B1/B3/B7/B8/B20 FDD-LTE: B38/B39/B40/B41
3G bands	B1/B8
2G bands	B2/B3/B5/B8

Appearance

OS System	Android 4.4 Support open SDK
Color	Black
Weight	Ankle Bracelet: 208 g; Power bank: 140 g
Size	81.92 *70 * 22.88 mm
Case and strap material	Stainless steel+silica gel , length:255mm
Battery capability	4,000mAh (3.7V) (Standby time: 240 hours; working duration: 168 hours)
Power bank capability	6,000 mAh
SIM card	Nano
Microphone	Support
Loudspeaker	916 loudspeaker
Bluetooth	BT4.2, supports Bluetooth gateway scanning
Ingress protection rating	Ankle Tracker: IP68 waterproof and dustproof (Power bank: IP65)
Charge interface	Magnetic charging

