

4G SOS GPS Tracker for Person Protection



- Big SOS button for emergency rescued
- Mini size for Elder,Child,Lone worker,Employees etc
- Fall down /Man down/Tilt alarm
- 4G LTE+3G CDMA+2G GSM network for GPS tracking
- Two ways voice communication/Voice monitoring



Q20 is a latest generation new portable GPS tracker designed for kids, elders, employees, lone workers, dementia and valuable asset tracking. It keeps a good balance between size and battery working life, the working time is up to 4 days at every 5 minutes tracking time interval. Q20 has passed IP67 waterproof standard, which is suitable for outdoor activities. With built-in microphone and speaker, This device supports two-way communication between the user and the preset SOS phone guardian. Powered by the built-in 6-axis motion sensor and excellent firmware algorithm, the device is able to detect the Tilt/Man down/Fall down events accurately.

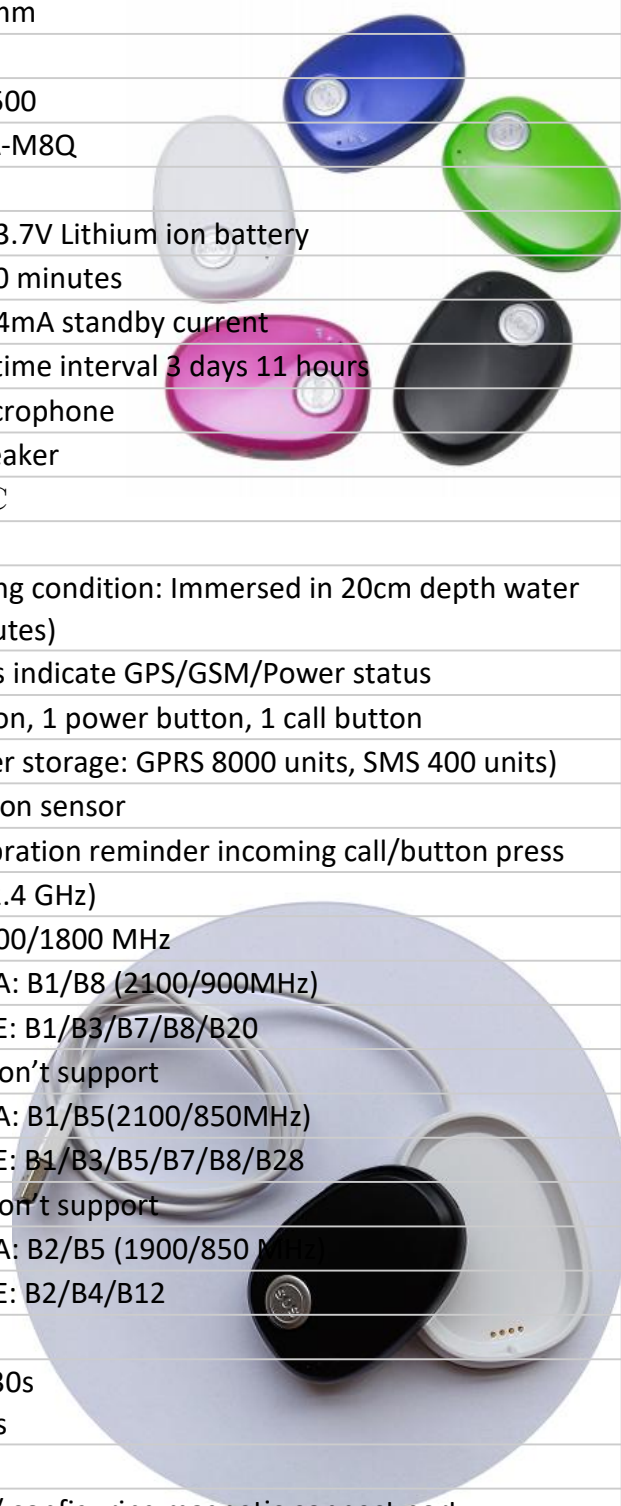
Feature:

- Excellent design for easy portable
- Real time position tracking via 4G LTE and GPRS
- History route from Web GPS platform or APP
- GPS+WIFI+LBS locating
- Call button for phone call direct
- 6-axis motion sensor and vibration motor
- 4MB (Buffer storage: GPRS 8000 PCS, SMS 400 PCS)
- SMS for Google map link position
- Various of alarm modes and call ways
- Alarm SMS Head String and GPRS heartbeat interval
- Geo-fence alarm/Low battery alarm
- Flexible settings for SOS and call button
- Waterproof IP67
- Docking station charging
- Rechargeable 1000 mAh battery for long standby
- Black,Blue,Pink,White and Green color optional



Specification:

Items	Descriptions
Dimension	65*46*17mm
Weight	48g
GSM Module	SIMCOM7500
GPS Module	U-blox EVA-M8Q
Charging Voltage	DC 5V/1A
Internal Battery	1000mAh/3.7V Lithium ion battery
Full charging time	<2 hours 10 minutes
Power Consumption	Average 2.4mA standby current
Working hours	5 minutes time interval 3 days 11 hours
Microphone	Built-in microphone
Speaker	Built-in speaker
Operating Temperature	-20°C~70°C
Humidity	5%~95%
Waterproof	IP67 (Testing condition: Immersed in 20cm depth water for 30 minutes)
LED Light	2 LED lights indicate GPS/GSM/Power status
Button/Switch	1 SOS button, 1 power button, 1 call button
Flash Memory	4MB (Buffer storage: GPRS 8000 units, SMS 400 units)
Motion Sensor	6-axis motion sensor
Vibration motor	Built-in, vibration reminder incoming call/button press
WiFi	802.11 n (2.4 GHz)
Frequency Band E version: for Asia, Europe, Middle East, Africa countries	2G GSM: 900/1800 MHz 3G WCDMA: B1/B8 (2100/900MHz) 4G FDD-LTE: B1/B3/B7/B8/B20
Frequency Band SA version: for Latin America and Australia countries	2G GSM: Don't support 3G WCDMA: B1/B5(2100/850MHz) 4G FDD-LTE: B1/B3/B5/B7/B8/B28
Frequency Band A version: for USA and Canada	2G GSM: Don't support 3G WCDMA: B2/B5 (1900/850 MHz) 4G FDD-LTE: B2/B4/B12
GPS Sensitivity	-167dBm
GPS Start Speed	Cold start 30s Hot start 1s
Position Accuracy	2.5m
Charging Port	1 charging/ configuring magnetic connect port





Main Unit



Charger



Charging cradle



Screwdriver



Backup screws

