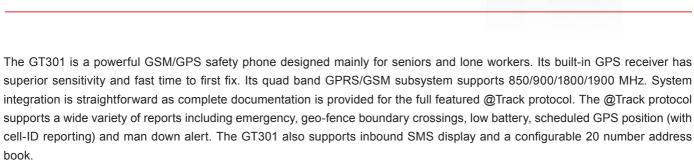




GT301

Lone Worker and Senior Care GPS Safety Phone

- Man Down Alert
- Low Power Consumption
- 4 Configurable Speed Dial Buttons and 1 Configurable Emergency Call Button
- OLED Display Allows Inbound SMS Messaging and Up to 20 Address Book Phone Numbers





Advantages

- Quad band GSM/GPRS 850/900/1800/1900 MHz
- · Internal u-blox chipset
- White OLED display (128*96)
- Inbound SMS display and 20 number address book
- Embedded full featured @Track protocol
- Low power consumption, long standby time with internal battery
- Internal 3-axis accelerometer for power saving and motion detection including man down alert
- Internal GSM/GPS antennas
- · CE/REACH/WEEE certified

GT301

Lone Worker and Senior Care GPS Safety Phone

GSM Specifications

| Frequency | Quad band: 850/900/1800/1900 MHz Compliant to GSM phase 2/2+ -Class 4 (2W @ 850/900 MHz) -Class 1 (1W @ 1800/1900 MHz) |
|---------------------------|---|
| GPRS | GPRS multi-slot class 12 GPRS mobile station class B |
| RMS Phase Error | 5 deg |
| Max Out RF Power | GSM850/GSM900: 33.0±2 dBm DCS/PCS: 30.0±2 dBm |
| Dynamic Input Range | -15 ~ -108 dBm |
| Receiver Sensitivity | Class II RBER 2% (-107 dBm) |
| Stability Of Frequency | < 2.5 ppm |
| Max Frequency Error | ±0.1 ppm |
| | |

GPS Specifications

| GPS Chipset | u-blox All-In-One GPS receiver |
|----------------------------|--|
| Sensitivity | Autonomous: -147 dBm Hot start: -156 dBm Reacquisition: -160 dBm Tracking: -162 dBm |
| Position Accuracy (CEP) | Autonomous: < 2.5m SBAS: < 2.0m |
| TTFF (Open Sky) | Cold start: 27s average Warm start: 27s average Hot start: 1s average |

Interfaces

| For external power and configuration |
|--|
| Power on or off device |
| SOS/Emergency alarm |
| Two side buttons to increase/decrease volume |
| For dialing and rejecting incoming calls or menu selection |
| For quick dialing of preset numbers or menu selection |
| |



General Specifications

| Dimensions | 92mm*44mm*17.9mm |
|--------------------------|---|
| Weight | 74g |
| Battery | Li-ion 1000 mAh |
| Standby Time | Without reporting: 480 hours 5 minutes reporting: 170 hours 10 minutes reporting: 250 hours |
| Charging Voltage | 5V DC |
| Operating Temperature | -20°C ~ +55°C |
| Display | 128*96, 1.3", white OLED display |

Air Interface Protocol

| Transmit Protocol | TCP, UDP, SMS |
|----------------------------|---|
| Scheduled Timing Report | Report position and status according to preset time schedules |
| Geo-fence | Support up to 5 internal geo-fence regions |
| Low Power Alarm | Alarm when internal battery is low |
| Power On Report | Report when the device is powered on |
| Power Off Report | Report when the device is powered off |
| SOS/Emergency Alarm | SOS alarm when SOS button is pressed |
| Fall Detection | Man down alarm from 3-axis accelerometer |
| | |



Queclink Wireless Solutions Co., Ltd.

Add: Office 501, Building 9, No. 99 Tianzhou Road, Shanghai, China 200233

Tel: +86 21 5108 2965

Fax: +86 21 5445 1990

Web: www.queclink.com

Email: sales@queclink.com

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