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**TR-102 Personal Tracker NEW!**



Personal remote positioning device with built-in GPS and GSM modules; it's compact and portable.

**▶ Feature**

TR-102 is a personal remote positioning device with built-in GPS and GSM modules; it's compact and portable. Not only can TR-102 transmit the longitude and latitude coordinate to your cell phone by the short message service, but it can also transmit the longitude and latitude coordinate to your personal computer by the internet connection of GPRS and then displaying the location by a specific map software. There are three speed-dial keys and one emergency key on the TR-102. You can use these features for protecting and searching children and old persons. Further, you can use it as a security purpose and other purpose which needs remote positioning.

**Feature:**

1. GPS/GPRS personal locator.
2. GSM/SMS/GPRS communication.
3. Omni-directional high sensitivity GPS antenna which can receive GPS signal from all direction.
4. New technology and latest GPS SiRF-Star III chipset! Excellent for fixing the position even at a weak signal status.
5. Remote command control via mobile phones or through online software.
6. Receive phone calls to have two way communications.
7. Monitors can track the person without interfering him, LIVE! Real-Time tracking!
8. Locate the locator holder by just pressing a button on PC software or through mobile phone via SMS (short messaging system)
9. Three quick dialing buttons for 3 preset phone numbers.
10. Works worldwide! Support 4-frequency GSM 850/900/1800/1900 MHZ and GPRS class 12.
11. SOS button send out exact location for immediate rescue/action.
12. Independent SOS (emergency) button which will send GPS location information via SMS for up to 3 preset numbers (it can be 3 sets of different numbers than the 3 sets of quick dialing numbers).
13. Device can be connecting to PC by using a USB cable for setup the arguments (package comes with mini USB cable when you purchase the device).
14. Report device holder's position at a preset time interval.
15. Low battery notification before the battery dies out! Worrying free on why the locator wouldn't respond for this kind of situation!

**Software Feature**

Professional Call Center program, supporting the operating system such as Windows 98 /2000 /XP, also supporting up to 5 sets of TR-102's tracking function at the same time by using the GPRS mode. Clicking on one of the TR-102's user name from the Call Center program will open a browser with the latitude and longitude information displaying as a point at the center of the maps.google.com. The display map is Google's patented right.

**▶ Specification**

- GSM module:** embedded GSM 850/900/1800/1900 MHz , GPRS class 12
- GPS Chipset:** SiRF Star III
- Frequency:** L1, 1575.42 MHz
- C/A code:** 1.023 MHz chip rate
- Channels:** 20 channel all-in-view tracking
- Antenna Type:** Omni-directional GPS antenna
- Position Accuracy:** 10 meters, 2D RMS
- Velocity Accuracy:** 0.1 m/s
- Time Accuracy:** 1 us synchronized to GPS time
- Default datum:** WGS-84
- Reacquisition:** 0.1 sec., average
- Hot start:** 1 sec., average
- Warm start:** 38 sec., average
- Cold start:** 42 sec., average
- Altitude Limit:** 18,000 meters (60,000 feet) max.
- Velocity Limit:** 515 meters/second (1000 knots) max.
- Acceleration Limit:** Less than 4g
- Jerk Limit:** 20 m/sec<sup>3</sup>
- Operating temperature:** -20° to 55° C
- Humidity:** 5% to 95% Non-condensing
- Dimension:** 115 mm × 45 mm × 22.5 mm
- Voltage:** Rechargeable and replaceable 1300 mAh battery (3.7V), 5V for charging input.
- Charging connector:** DC 5V
- Standby time:** Over 100 hours
- Talking time:** 5 ~ 6 hours
- LED:** 3 LEDs showing Power, GPS and GSM status.
- Key:** 7 Keys for Power On/Off key, Emergency key, Intimate call \* 3, Lock key and Answer/Reject key.
- USB port:** Mini USB port for connecting to PC.
- SAR: GSM850 Head: 0.758
- PCS1900 Head: 0.735
- GSM850 Body(GSM): 0.206
- PCS1900 Body(GSM): 0.177
- GSM850 Body(GPRS): 0.21
- PCS1900 Body(GPRS): 0.223