

# 2G/3G/4G Personal GNSS Tracker



## MT90 Series

### Portable design

*It is packed with features that can be found only in larger GNSS tracker.*

### IP65 water resistant

*Specialized design guarantees a stable operating performance.*

### Two-way conversation

*Enable user to contact the receiver and vice versa via the press button feature on the device.*

### 180 hours' standby time

*Removable lithium-ion battery which ensures remarkably power efficient.*



## APPLICATION



*The elderly*



*Children*



*Patients*



*Sports lover*

# SPECIFICATIONS

| ITEM                  | SPECIFICATIONS   |
|-----------------------|--|
| Dimension             | 77 mm x 47 mm x 20 mm  |
| Weight                | 76g  |
| Charging voltage      | Micro USB charging port: DC 4.2–5.5 V/400 mA<br>Magnetic charging connector: DC 4.2–5.5 V/400 mA   |
| Backup battery        | Removable 1100 mAh/3.7 V lithium-ion battery<br>(compatible with Nokia BL-5C battery)  |
| Power consumption     | Current in standby mode: 60 mA<br>Current in deep sleep mode: 5 mA   |
| Operating temperature | -20°C to 55°C  |
| Operating humidity    | 5% to 95%  |
| Working hour          | 180 hours in power-saving mode<br>20 hours in normal mode  |
| LED indicator         | 2 indicators showing power, network, and GPS status  |
| Button/Switch         | 5 buttons/switches   |
| Memory                | 8 MB buffer (Store 130,000 GPS Logs, 8,000 GPRS/UMTS cache records,<br>and 256 SMS cache records)  |
| Microphone/Speaker    | Internal microphone and speaker  |
| Sensor                | 3-axis accelerometer   |
| Frequency band        | MT90:<br>GSM: 850/900/1800/1900 MHz<br><br>MT90L:<br>MT90L_E: 2G GSM: 900/1800MHZ, 3G WCDMA: B1/B8, 4G FDD: B1/B3/B8/B20/B28<br>MT90L_A: 3G WCDMA: B2/B4/B5, 4G FDD: B2/B4/B5/B12<br><br>Note: Select proper device according to the local frequency band. |
| GNSS                  | GPS/GLONASS  |
| Positioning accuracy  | 2.5m   |



ACCESSORIES

MT90 Series tracker  
A battery  
USB cable  
Lanyard  
Screwdriver  
Travel adapter (charger)  
CD download card



OPTIONAL  
ACCESSORIES

Magnetic charging connector





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