



## **USER MANUAL**

GOCLEVER BIG-I AUTO

Auto GPS/GPRS tracking device

## Dear Customer!

**Congratulations, you have made a great choice buying our Auto tracking device.  
Please read carefully this user manual to obtain all profits it can give to you!**

### 1 Introduction

**BIG-I Auto** is a compact device simply sending GPS position coordinates using GSM/GPRS modem. **BIG-I Auto** is dedicated device for in car/machine usage. Thanks to BIG-I web software, user can easily see actual position online. Thanks to strategic partnership with Fleet-Online professionals our servers will gather and store all the information sent from devices to be analyzed in future. Therefore our customers can browse location history, prepare reports, set up alerts etc.

**BIG-I Auto** was built to protect our property, our cars machines. You can be sure that knowledge about your car or machine location can be a factor which helps you in better managing, giving you peace of mind!

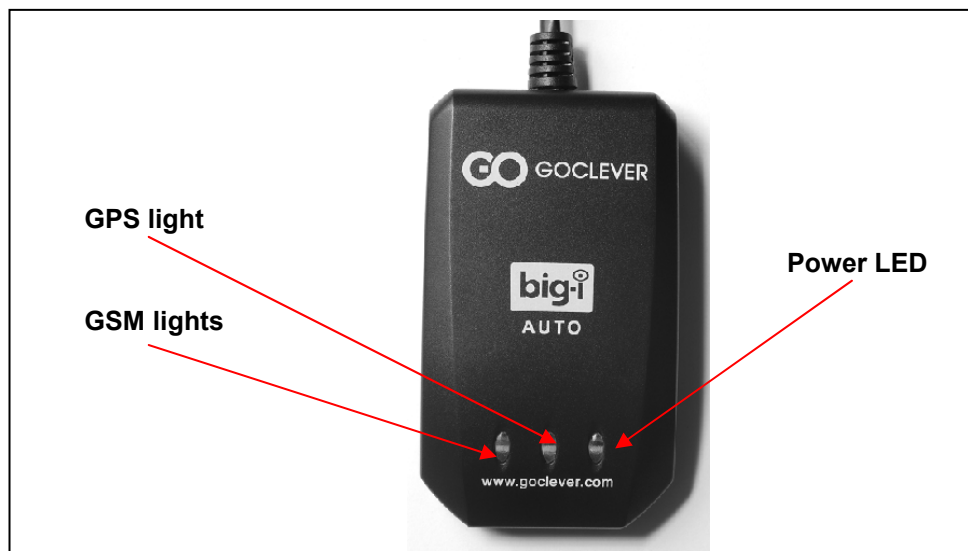
### Product features

- Built-in high-performance, very sensitive GPS chipset, giving accurate position even in weak reception places
- Built-in GSM / GPRS module to support GSM 900/1800Hz compatible with most of GSM operators
- Supports GPRS TCP connection
- 12V direct connection cable to car's ignition and battery
- car charger for temporary installation
- low weight
- 750mAh battery for unauthorized power cutoffs!

### Hardware Specification

<b>GSM Module</b>	MTK program, GSM 900/1800 dual-band support for TCP protocol
<b>GPS Chip</b>	JRC chipset
<b>GPS Sensitivity</b>	-164dBm
<b>GPS Frequency</b>	L1,1575.42MHz
<b>C/A Code</b>	1.023MHz
<b>Passage</b>	210-channel, full-track
<b>Location accuracy</b>	10 meters, 2D RMS
<b>Speed Accuracy</b>	0.1 m/s
<b>Time accuracy</b>	1 us and the GPS time synchronization
<b>Coordinate system</b>	WGS-84
<b>Regain</b>	Average of 0.1 s
<b>Hot Start</b>	Average of 1 s
<b>Warm Start</b>	Average of 38 s
<b>Cold start</b>	Average of 42 s
<b>Height restriction</b>	Maximum 18,000 meters (60,000 feet).
<b>Speed limit</b>	The fastest 515 m / s (1000 section).
<b>Acceleration limit</b>	Less than 4g
<b>Operating Temperature</b>	-25°C to 70°C
<b>Humidity</b>	5% ~ 95% non-coagulation
<b>Size</b>	88mm*46mm*18mm
<b>Voltage</b>	750mAh rechargeable battery (3.7V)
<b>Charger</b>	DC 5V/DC12V

## LED codes information.



Looking at the device flashing LEDs user can check actual device status:

**Blue LED ---** indicates actual status of GSM signal:

Status	Meaning
Constant light	No SIM card or no GSM network
Flash once every 8s	Network available, modem on standby

**Red LED --- charging instructions** like

**Note:** When charging device with very low battery level, red LED may not light up.

Status	Meaning
Constant light	Charging
No light	Ignition off

**Green LED --- indicates GPS signal status**

Status	Meaning
No light	No GPS signal, no fixed position
Flashes	GPS receiver works, fixed position

## Device connection schematics

GOCLEVER Big-I Auto can be connected for temporary usage with help of included car charger. Simply connect Device cable with a charger plug, then put a charger into 12V plug / cigarette lighter in your car. For permanent usage device must be connected by authorized electronic service.

**Note:** GOCLEVER does not take any responsibility for damages caused by faulty device installation!

## Cable color connection:



**Note:** It is extremely important to connect device in proper way - contact local car electrician in order to do so.