

# EMTC/GPS Tracker

# AT4V Manual

Revision: 1.00

<b>Document Title</b>	<i>AT4V manual</i>
<b>Version</b>	<i>1.00</i>
<b>Finale Date</b>	<i>2018-02-11</i>
<b>Status</b>	<i>Released</i>
<b>Document Control ID</b>	

**Contents**

1 Introduction ..... 3

2 Product Overview ..... 3

    2.1 Appearance..... 3

    2.2 LED Description ..... 4

3 Getting Started ..... 5

    3.1 Parts List ..... 5

    3.2 How GPS position Fix ..... 5

4 Frequency..... 6

5 Trouble shooting and Safety info ..... 6

    5.1 Safety info ..... 6

# 1 Introduction

AT4V use primary batteries. it is a powerful GPS locator which is designed for vehicle, and assets tracking . With superior receiving sensitivity, Its location can be real time or schedule tracked by backend server or specified terminals. Based on the embedded wireless tracking protocol, Bolt Mini can communicate with the backend server through EPTC network, and transfer reports of emergency, Geo-fencing, device status and scheduled GPS position etc... Service provider is easy to setup their tracking platform based on the functional wireless tracking protocol.

## 2 Product Overview

### 2.1 Appearance



Figure 2-1

## 2.2 LED Description




Figure 2-2

There are four blue LED lights in AT4V device, the description as following.

Light	Event	State
POWER LED	Power up	solid
Cellular LED		
WIFI LED		
GPS LED		
POWER LED	charging	flash
Cellular LED	CAT-M net working	Slow flash
WIFI LED	WIFI working	Slow flash
GPS LED	GPS fixed	Slow flash

# 3 Getting Started

## 3.1 Parts List

Name	Picture	Remark
		CAT-M Tracker

## 3.2 How GPS position Fix

Your device has an unobstructed view of the sky, lying face up, so it can obtain the initial GPS Fix



Figure 3-1

## Safety info

*The following items are suggestion for safety use, please pay more attention.*

- ◆ Please do not disassemble the device by yourself.
- ◆ Please do not put the device on the overheating or too humid place, avoid exposure to direct sunlight. Too high temperature will damage the device or even cause the battery explosion.
- ◆ Please do not use Bolt Mini on the airplane or near medical equipment.

## **FCC Caution.**

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/ TV technician for help.
- Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

## **FCC RF Radiation Exposure Statement**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The antennas used for the transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.