

AT63 sensor User's guide

1. Introduction

This AT63 BLE sensor is a type of sensor that combined TPMS and cellphone. AT63 TPMS external sensor adapts BLE low energy transmission, let driver understand tire situation through cellphone. When the system detects tire pressure or temperature abnormal situation, it (APP) will directly alarm the driver.

About This Manual :

- The information in this manual is subject to change without notice.
- This manual has been created with extra care. In case that you have any comments or questions regarding this manual, please contact your local dealer or our Customer Service Center.
- Before operating this set, please fully understand the prerequisite such as specifications or constraints of the hardware and software. We are not responsible and have no liability for any loss, damage or injury as a result of misuse.

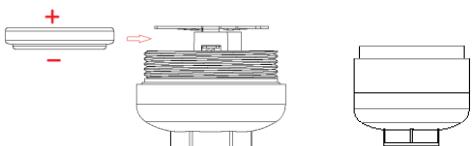
2. Check Accessories

Model	Photograph
AT63 sensor	
Battery	
Lock nut	
Wrench	
Userguide	

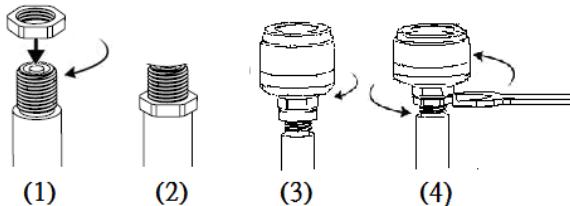
3. System installation

3.1 Install sensor(battery changeable)

3.1.1 Place batteries into the sensor and screw the top cap off. Please attend to the electrode of the battery.



3.1.2 Remove original valve cap and screw lock nut (1) and will become (2). Screw the Sensor onto valve stem clockwise (3). Screw (1) lock nut back and use wrench to lock tightly (4). (3)(4) steps could effectively prevents sensor from removing.

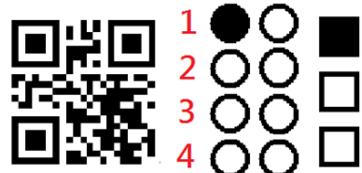


3.1.3 The sensor label already indicates the sensor ID and its wheel order, please follow the wheel order to install sensors.

型號: AT63

EX :

Sensor Model: AT63
ID:810C619A



ID: 810C619A

Note :

- (1) Beware of the conductivity between the sensor and valve stem.
- (2) Sensors are supposed to be well locked valve stem to avoid from leaking.
- (3) Please replace original manufacturer's sensor battery in case voltage is below 2.7v.
- (4) External sensor will transmit data every 58~62 seconds when the vehicle is running, and when the vehicle stops, the sensor will transmit data every 148~152 seconds.

4. iTPMS APP Installation:

iTPMS App is for free. Through the iTPMS you can know tire temperature and pressure, sensor battery voltage, and each sensor's ID.

4.1 Install APP (Take IOS as example)

4.1.1 Download the APP: iTPMS BLE from Apple Store or Google Play.

4.1.2 Go to Setting => General => Bluetooth Page.

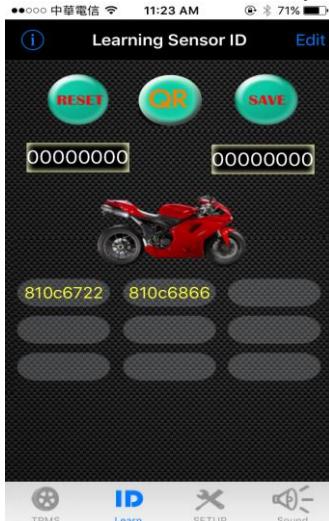
4.1.3 Turn on the Bluetooth



4.1.4: Turn on the Bluetooth, and it will scan the devices automatically.



4.1.5 Install battery properly, and then enter to the sensor ID setting pages. After setting the ID properly, it will read the tire data immediately.



4.2 App Operating

4.2.1 Click below ID, and enter the ID learning page, start to learn the sensor ID.

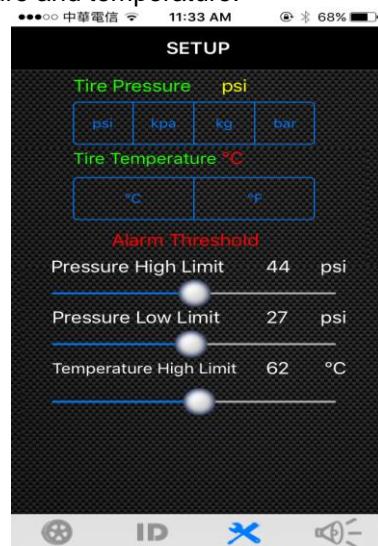


Note: When the above BLE words light up, then it represents it detects AT63's signal already.

4.2.2 Place batteries into the sensor properly. When sensor detects pressure, ID will turn to red to alert the user.



4.2.3 Enter Setup page, users can set up the unit and limit of tire pressure and temperature.



4.2.4

In the meantime, this TPMS program also afford user to manual input the ID function and scanning QR function, please refer to the following steps:

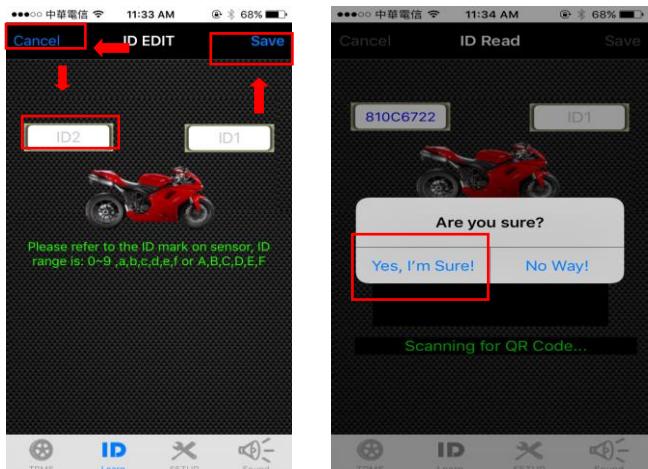
A) Manual key in ID steps:

- 1) Click the right upper “Edit” 2) Turn to New page



- 3) Click the blank and appear keyboard, enter the ID and click save.

4) Click “Yes”



Note: Click Cancel and back to learn ID page.

- 5) Click SAVE and then click yes, and it's done.



B) Steps for scanning QR Code:

- 1) Click middle QR button

- 2) Enter into ID Read page, and click the blank to start scanning QR code. And then click save.



- 3) Click “Yes”

- 4) Click SAVE and then click yes, and it's done.



Note: Be sure you already turn on the Bluetooth

5. Specification

5.1 AT63 Sensor

Model	AT63
Operation Temperature	-40°C ~ 85°C
Operation Humidity	100%, IP 68
Total Outer meter	22±0.2mm
Total Height	21±0.2mm

Weight	9.7g ($\pm 0.5\text{g}$)
Battery lifespan	Around 12 months
Battery size	CR1632 for TPMS spec
Monitoring pressure	0 ~ 900kpa $\pm 7\text{kpa}$ (0-130psi $\pm 1\text{Psi}$)
Monitoring temperature	-40°C~85°C $\pm 1^\circ\text{C}$
Frequency	2.4GHz
Others	When a tire stops, it transmits every 150 seconds (± 2 seconds). If not, it transmits every 60 Seconds (± 2 seconds)

6. Caution:

6.1 Information provided in user's guide is for reference only. You should operate the device only when your vehicle stops.

6.2 This product may be interrupted by some harmful system and may lead to malfunction.

6.3 In order to install internal sensor properly, users are suggested to body shop for assistance. Please beware of the location of each sensor. Do not beat the valve directly or use any tools to harm the valve.

6.4 Four sensors' IDs of this product have already set by the manufacturer. If you would like to replace new sensors, please seek the agent for assistance.

6.4 Do not soak our product or sensor in the water or chemical. Chemicals are not allowed to clean.

6.5 Do not use water or chemicals to clean or soak the receiver and sensors directly.

6.6 Do not replace the rubber gasket arbitrarily. If there is any damage, please replace it with the certified one.

6.7 The warranty of the product is one year, please use the product correctly. The warranty excludes natural and artificial disasters, drops, soaking in water accident, fire accident, anomalistic power supply and other damages.

6.8 The warranty won't cover any consumptive accessories like: the packaging, Velcro, manual, etc.

6.9 Please refer to the steps from user's guide to avoid any abnormal operation. It may lead to malfunction.

6.10 Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

6.11 Please follow the instruction of power supply. Wrong

process of power supply will cause malfunction. Please use the certified battery. Improper battery or wrong procedures will affect efficiency or cause malfunction of sensors.

6.12 Please observe tire pressure, temperature and battery voltage at all times. If the receiver cannot get the information for a long time, please check your sensors.

6.13 FCC Notice

Federal Communication Commission Interference Statement

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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Notice: Any modifications or any system alterations cannot guarantee the user's rights is protected continuously.