When the sensor low battery icon 🔋 shows on the monitor an corresponding tire icon is flashing, the sensor battery needs replacement . Using CR1632 battery cell which operates at -40°C to +80°C is recommended . you can buy replacement batteries from your local dealer.

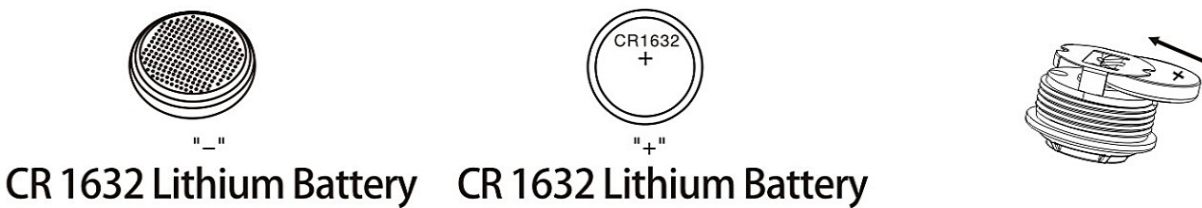（1） Use fixture provided inside package and open the plastic enclosure in counter clockwise direction.

Battery opener tools

Locking cover
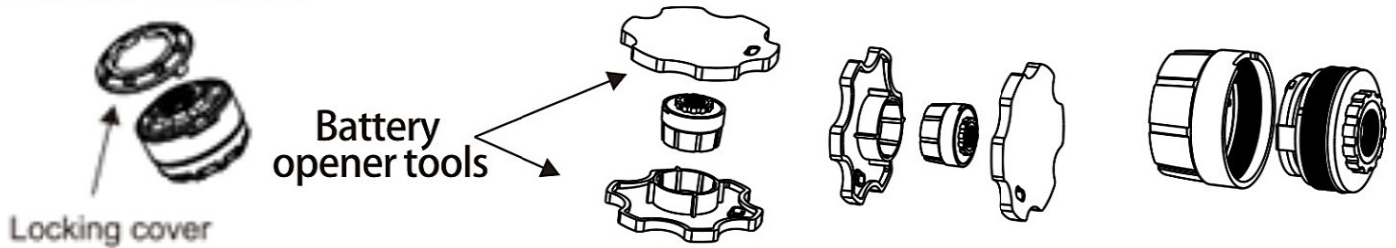
(2) Remove battery form battery holder.
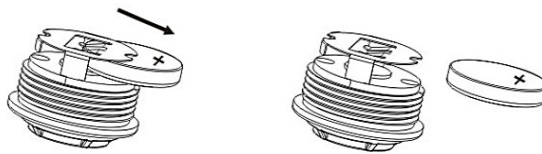
(3)Replace the new Lithium CR1632, ensure the positive + is facing upwards

CR1632 +

"−"
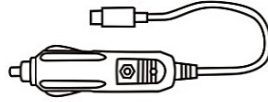
"+"

CR 1632 Lithium Battery   CR 1632 Lithium Battery

（4） Open or fasten the sensor battery cover with special opener tools in clockwise direction. Replace new battery with correct polarity .please check if the rubber O-ring is in good condition otherwise replace a new one.
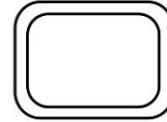
Ribber O-Ring

Locking cover

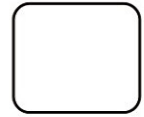Battery opener tools
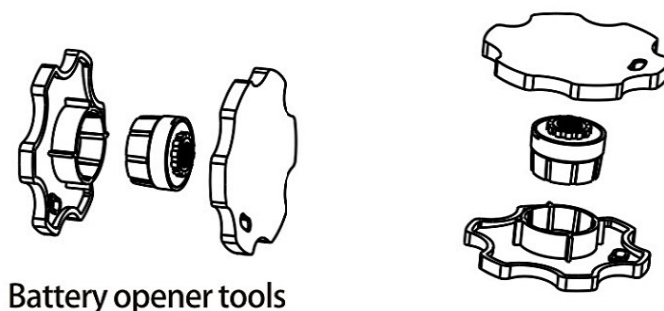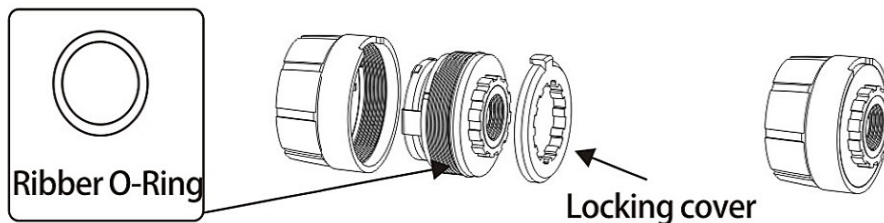
4 . PRODUCT ACCESSORIES
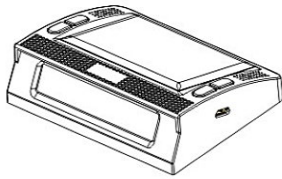
LCD Monitor(1pes)   DC-DC power &USB cable(1pcs)   Magic Tape(1pcs)   Sticky pad(1pcs)
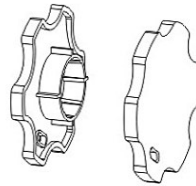
SS Sensor(1pcs)   Opener Tool(1pcs)   Hex Wrench (1pcs)   Locking cover (1pcs)
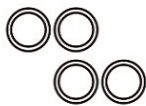
Ribber O-ring(4pcs)   Hex Nut(4pcs)   SI Sensor
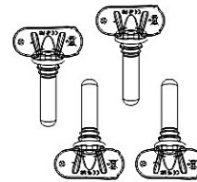
4 – 1 . MONTIOR COMPONENTS AND ICONS

Solar panel

SET

ON/OFF

" + "

" - "

Power Socket

BAR
PSI

°C°F
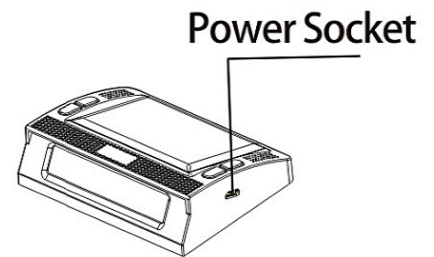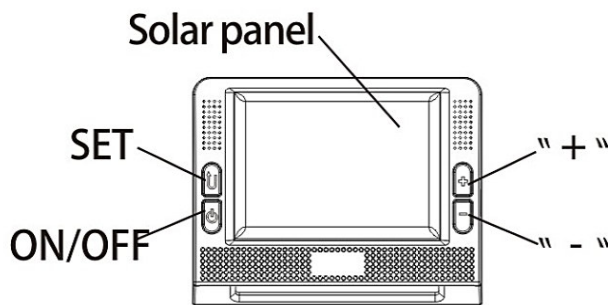
Pressure Unit: BAR or PSI, user-selectable
Temperature Unit: °C or °F user-selectable

ICON	Indication
🔋	Tire Position
🔋	Sensor Low Battery
(!)	Tire alarm Status
🔋	Monitor Power level
☀	Solar Power indictator

4－2.PARAMETER SETTINGS

In standby mode, press the "-" button, release after the 1st beep to enter the 1st set up menu. The corresponding icon on the LCD will flash .Press the ᴗ button to select the desired setting, press button "+" and "-" to select the data. After the setting is finished, press the ᴗ button to save the setting and exit after a beep. The monitor will return to standby mode if there is mo operation within 1min in the setting mode.Factory default alarm setting

Factory default alarm setting

pressure unit	PSI
high pressure	3.5BAR (51PSI)
low pressure	1.8BAR (26PSI)
temperature unit	°C
high temperature	75°C

Setting sequence

① Pressure Unit

When the PSI or BAR icon is flashing, Press the ᴗ button to enter the pressure units setting, press the button "+" or "-"to select the desired unit. Press the ᴗ button to save the setting and exit after a beep.
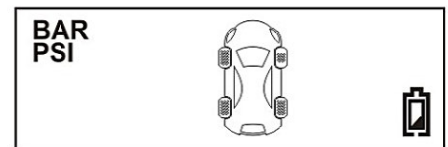
② Temperature Unit

When the °C or °F icon is flashing, Press the ᴗ button to enter the temperature units setting, press the button "+" or "-" to select the desired unit. Press the ᴗ buttonto save the setting and exit after a beep.
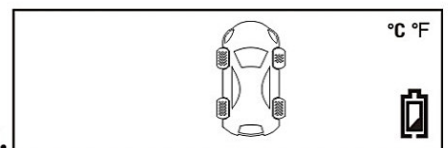
③ Tire High and Low pressure alarm Setting

When the P5 icon is flashing, Press the ᴗ button to enter the pressure units setting, Setting sequence: Low Pressure of Front Tires -> High Pressure of Front Tires-> Low Pressure of Rear Tires-> Low Pressure of Rear Tires; Icon sequence: LO->HI->LO->HI, Press the button"+" or "-"to select the desired unit. Press the ᴗ button to save the setting and exit after a beep.
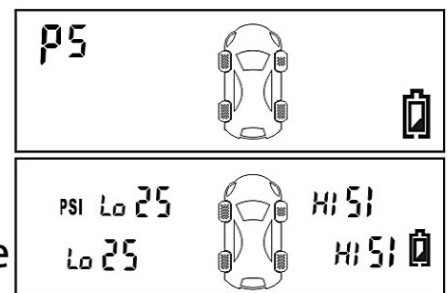
④ **High Temperature Setting**（ᵗ5）

When the ᵗ5 icon is flashing, Press the ᵤ button to enter the High temperature setting, temperature values for 5 selection: 65℃-> 70℃->75℃->80℃ ->85℃; Press thebutton "+" or "-"to select the desired unit. Press the ᵤ button to save the setting and exit after a beep.
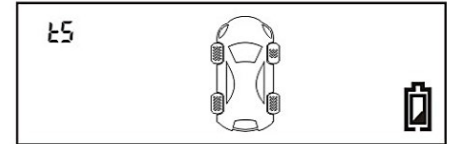
⑤ **Tire Match and Inflate Code Learning**（Id）

When the Id icon is flashing, Press the ᵤ button to enter the Tire Match setting, press "-"or "+"to scroll tire position needed to re-code. once ready, then mount the sensor on to the tire calve, once the sensor sensed the inflator, the sensor will send its own ID code to the monitor, and the monitor will display the sensor code after the beep. Repeat above step to re-code others sensor if needed. Ensure to press "set" until Beep soored intund to ensure new code completed sto the monitor and resume standby mode operation. if press "-"or "+"bottom together will mot store any new ID and resume to standby mode. Press the button "+" or "-"to select the desired unit. Press the ᵤ button to save the setting and exit after a beep.
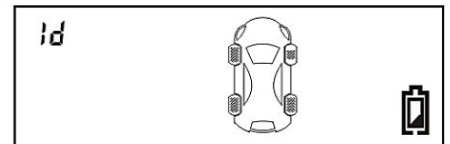
When the sensor senses the inflation, the users will hear a beep and show the ID code of the tire (as the right image), which shows the ID card has been already matched. Use the same way to set code for other tires. When all the ID codes are received, press the ᵤ until you hear a beep. Then save the data and return to the standby mode.
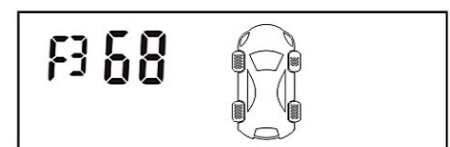
When in factory, there have been already 4 sensors with its matched code and marked its position. Users only need to install the sensor to the corresponding tire. When users need to interchange the tires, or error code appears, or forget the place where the sensor is installed, they can refer to the Inflating code as above.

5. ALARM CONDITION

High/Low Pressure Alert /High Temperature Alert/Fast Leakage Alert/Sensor Low Battery Alert.

The monitor displays the temperature or the pressure data of four sensors simultaneously. The corresponding alert icon and red LED will flash together with a warning beep when the sensor detects abnormal conditions from the tire. The faulty tire and /or battery alarm (⏻,🔋) icons will still flash until the problem has been settled.

Eg.: Factory default setting

pressure unit	PSI
high pressure	3.5BAR (51PSI)
low pressure	1.8BAR (26PSI)
high temperature	75° C

5-1.High Pressure Alert
Eg. When the front left tire pressure is 51PSI, the monitor will alert together with a waning beep, and the red LED will flash.

Pressure data flash

PSI 51 36 °C
36 ☀ ⚠ 36 🔋

Alert icon flash

5-2. Low Pressure Alert
Eg. When the front left tire pressure is 26PSI, the monitor will alert together with a waning beep, and the red LED will flash.

Pressure data flash

PSI 26 36 °C
36 ☀ ⚠ 36 🔋

Alert icon flash

5-3.High Temperature Alert

Eg. When the front left tire Temperature is 76℃, the monitor will alert together with a waning beep, and the red LED will flash.

Temperature data flash

PSI		℃
65	28	
28	28	

Alert icon flash

5-4. Fast Leakage Alert

The sensor will send alert data to the monitor if it detects fast leakage in a tire. The alert icon and the pressure data will flash together with the tire icon. The flashing red LED and a warning beep will be issued by the monitor simultaneously. Press any button to turn off the beep warning. But the alert tire icon and the pressure data will still flash together with the red LED till the problem has been solved.

Eg. When the front left tire pressure drops from 36PSI to 33PSI, the monitor will alert as the picture below:

Pressure data flash

PSI		℃
33	36	
36	36	

Alert icon flash

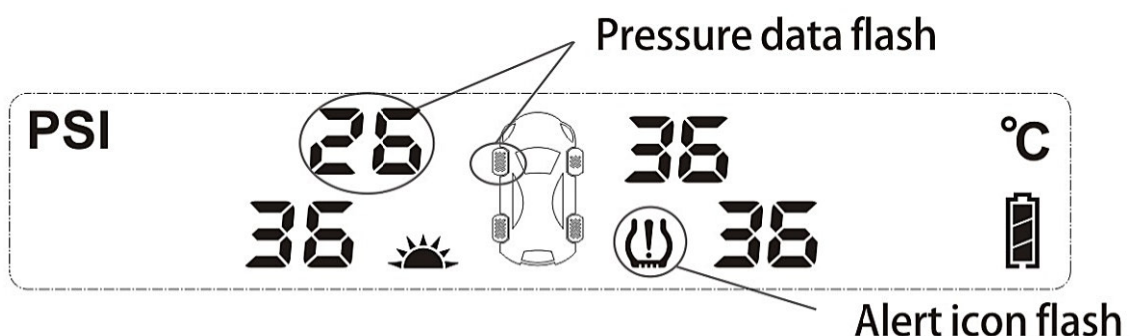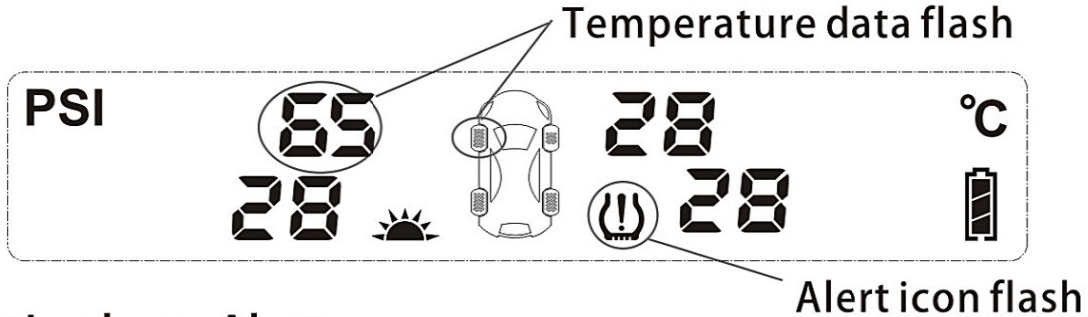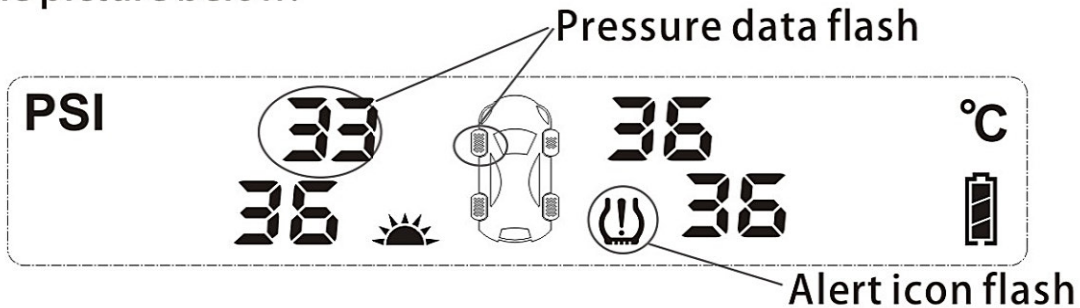## 5-5. Sensor Low Battery Alert

When the sensor battery voltage is low, the sensor will send the alert to the monitor The corresponding tire icon and the low battery icon will flash together with the red LED, the warning beep will be issued by the monitor. Press any button to turn off the warning beep, but the tire icon and the low battery icon will still flas h together with the red LED till there a new sensor battery has been replaced.

Eg. When the battery in the rear right tire sensor is low, the monitor will alert as the picture as below sensor low battery icon flash.

Pressure data flash

PSI		℃
36	36	
36	36	

Senor low battery alarm

Alert icon flash
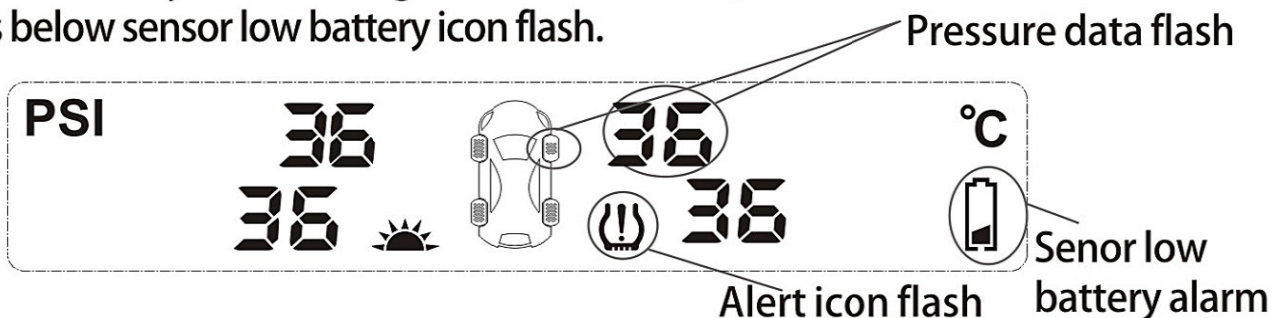
6.Technical Specification

Monitor Specification

Pressure setting range	1.0-9BAR(14.5-130.5PSI)
Working temperature	-20 ~80℃
Storage temperature	-30 ~85℃
Output Voltage	DC 5V
Frequency	433.92MHz
Size	84(L)*66(W)*23(H)mm
Weight	81g(±1)

Sensor Specification

	SI sensor	SS sensor
Working temperature	-40 ~85℃	-40 ~85℃
Storage temperature	-40 ~85℃	-40 ~85℃
Pressure range	0~116PSI(0~8BAR)	0~87PSI (0~6BAR)
Pressure Accuracy	±1.5PSI (±0.1BAR)	±1.5PSI (±0.1BAR)
temperature Accuracy	±2℃	±2℃
Transmission Power	<10dBM	<10dBM
Transmission	433.92MHz	433.92MHz
Battery life	3-5 years	1-2 years
Dimenson	(L)52*(W)26*(H)53mm	22(φ)*16(H)mm
Weight	28g(±1)	9g(±1)

Friendly Reminder

(1) Please use the TPMS system correctly in the right condition. The distributor is not liable for damages from the miss-use.

(2) Installation should follow the instruction guide, if any damage occurs due to the wrong installation, the distributor is not liable for it.

(3) the content and specification are subject to change without prior notice. Pictures in the article are just for illustration. Please take the actual product for reference.

(4) Internal sensor installation should be carried out by professional person. Be ware of the internal sensors while reload the tire.

(5) Only experienced craftsman are recommended for installation work, please be careful not to damage the sensor during tire removal.

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.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.