1：Parking mode

a: The sensor measures pressure ,temperature and voltage every 4 seconds.

b: The sensor transmits pressure and temperature every 5 minutes if the tire's pressure is normal. It transmits one time.

c: The sensor transmits pressure and temperature as soon as the tire's pressure is abnormal. It transmits six times continue.

d: Once the car's speed reaches over 15km/h,the sensor transmits signal at once.

2：moving mode

a: The sensor measures pressure ,temperature and voltage every 4 seconds.

b: The sensor transmits pressure and temperature every 4 minutes if the tire's pressure is normal. It transmits one time.

c: The sensor transmits pressure and temperature as soon as the tire's pressure is abnormal. It transmits six times continue.

3：Wake up

The sensor can be waked up by handheld. The sensor will transmit signal when it was waked up.

4: Technical Characteristics

Car Sensor Technical Parameters		
NO.	Project	Description
		Internal Sensor
1	Battery Type	CR2050W(350mAh)
2	RF frequency	433.92MHz
3	Standby Current	<1uA
4	Emission current	<9mA
5	RF Power	8dbm@50Ω
6	RF Modulation	FSK
7	LF frequency	125KHz±5KHz
8	LF Modulation	ASK
9	LF Power	1~50mVp-p
10	Pressure Measuring Range	0-8bar
11	Pressure Resolution	25mbar
12	Pressure Measurement Accuracy	±0.07bar@-20℃~50℃
13		±0.15bar@-40℃~125℃
14	Temperature Measuring Range	-40℃~125℃
15	Temperature Resolution	±3℃
16	Temperature Measurement Accuracy	±3℃@-20℃~50℃
17	Resistance to rotational acceleration	>1500g
18	Operating Temperature Range	-40℃~125℃

19	Storage temperature range	-40℃~125℃
20	Protection class	IP67
21	Sensor weight	<15g (without valve)
22	Total weight sensor	<30g (with valve)

5: FCC Statement

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

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

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