- Product Description: Tire pressure sensor
- Sensor Trademark: DIAS
- Sensor Model: TPS4.1
- Sensor Manufacturer: DIAS Automotive Electronic Systems Co. ,Ltd
- Product function:

TPS4.1 sensor fixed in the tire by clamp-in valve, the sensor detect the pressure/temperature/acceleration and so on, then transmit RF 433.92MHz signal to the receiver;

If the vehicle speed is more than 25km/h, the sensor sends 6 frames RF dates per minute; RF dates contains pressure, temperature, product ID ;each frame dates continues12.5 ms, The interval of each frame data is 50 ms .

◆ **Technical parameters：**

- Pressure range：0～5Bar
- Pressure accuracy：±10kPa@ -40～125℃；
- Temperature range：-40℃～125℃
- Battery voltage：3V
- Life：≥10 years
- Weight：≤25g
- Proof:IP69K

◆ **Installation requirements：**

- Metal valve；
- Nut installed torque：4-5 N*M；
- Nut type：S12；
- Installed flow ：The sensor installed in the rim hole, then the nut be fixed by the torque tool;

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.

Attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This product 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 product 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 product 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.

MODIFICATION: Any changes or modifications not expressly approved by the grantee of this device could void the user’s authority to operate the device.