

## The Menu

# Repeater For TPMS

**Model: RP01**

## Intelligent repeater installation

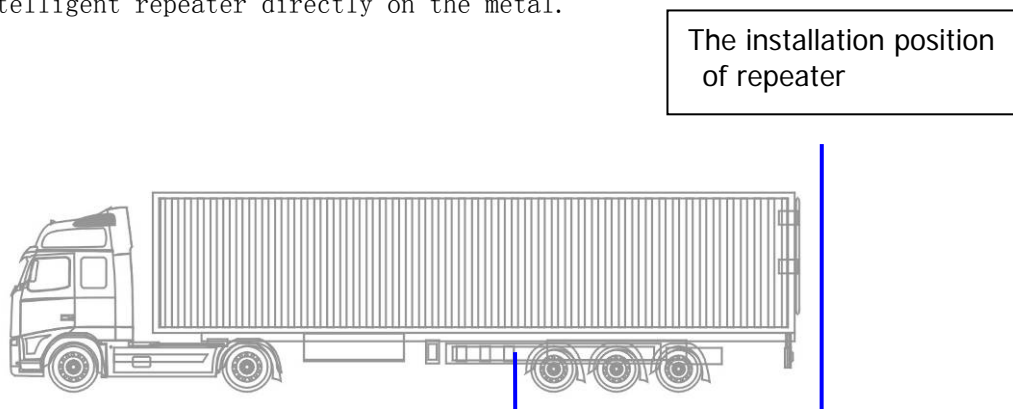
### Function description:

Repeater is enlarged through the sensor signal to send, to enlarge the distance of transmission, to regenerate the signal (i.e., the original signal is amplified and plastic). Principle: by wireless sensor signal receiver, the sensor signal amplification, after adjustment of the launch, again through the wireless transmitting, signal to launch out larger than the original of the received signal power, to achieve the purpose of expanding the transmission distance.

The only transmitter (i.e. Sensor) that is approved to work with this repeater is FCC ID: ZPNVS62U009.

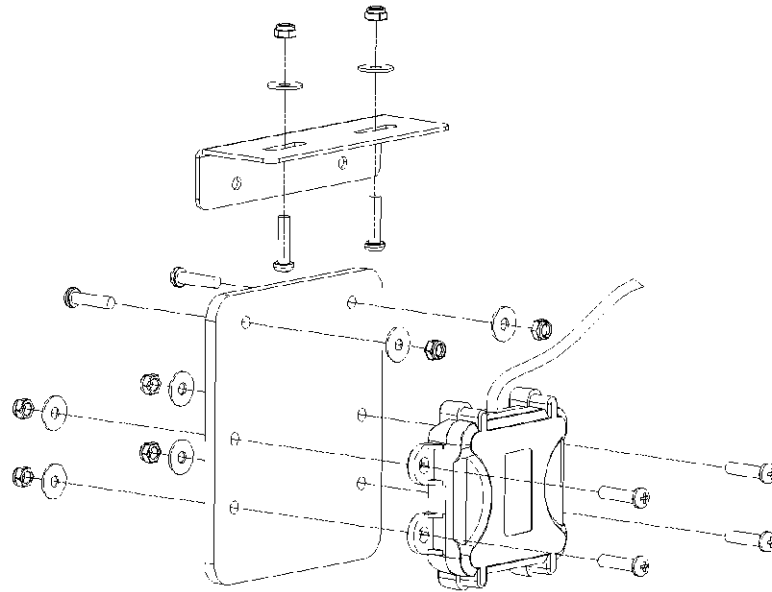
### 1 Select installation position

- The installation position of intelligent repeater should be in the position of the relatively empty. It can't be lower than the cross beam of car chassis nearest to ground, but must close to the trailer tire(as picture below)
- If there is no suitable trailer in the middle of the installation position can also choose to against the side of the trailer.
- In order to ensure the intelligent repeater good communication effect, please don't put intelligent repeater directly on the metal.

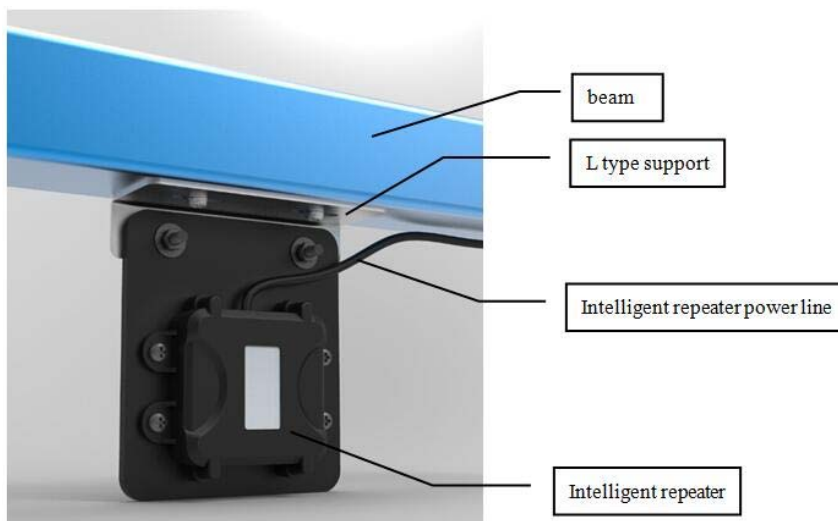


## 2 Installation method

As diagram



Effect picture after installation (perpendicular to car chassis cross beam)



## Notice:

- ◆ There are 2 power line of intelligent repeater. Red power line connects positive pole of truck normal open power, black power line is ground connection. Pls. fasten the power lines by ribbon to prevent from wearing and short circuit.
- ◆ Ensure the input voltage and pressure range of intelligent repeater match, connect the power line according to the sign of negative and positive position.
- ◆ Please access a 2A waterproof type fuse in the position of intelligent repeater connecting car normal open power, in order to ensure the safety of the circuit.

## 3 Intelligent repeater

No.	Item	Technical parameter
1	Working voltage	DC 12 V ~ 32 V
2	RF signal emit center frequency	433.92 MHz
3	RF emit signal modulation mode	FSK
4	RF emit signal coding scheme	DBP Manchester

## **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

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