

# TPMS Tire Pressure Monitoring System

## You Should Never Let Your Tires Get Low

Inadequate tire inflation can have several negative effects on your car, including shortening the lifespan of your tires, decreasing your vehicle's performance, and even causing tire failure. Low tire pressure, in particular, can lead to blowouts, hurt fuel economy, adversely affect handling, and ultimately cost you money.

That's why Helios Tracker is proud to introduce a new accessory to our line of products: the TPMS (Tire Pressure Monitoring System) designed for trucks, buses, and private vehicles. The purpose of our TPMS is to alert drivers or fleet managers when one or more tires are significantly under-inflated, potentially creating unsafe driving conditions and incurring extra costs. The system can also warn of high temperatures at the tire, providing an additional layer of safety.

Tires are a key factor and one of the most crucial costs to consider when examining fleet maintenance. The TPMS system can significantly reduce this cost by better controlling and monitoring the status of the tires.

The TPMS system can save life!

TPMS system based on few elements:

## Wheel sensors



Bandage internal sensor



Valve sensor

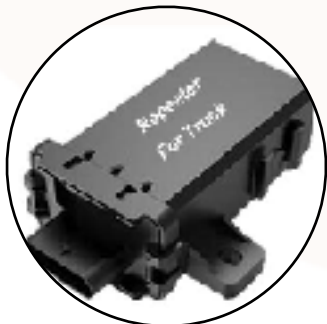
## Vehicle display



Truck 3.5" monitor,  
1-26 tires



Passenger car  
display, 1- 4 tires



Repeater

## Advantages of the TPMS system:

1. Driver can see at any time the air pressure and temperature in all tires on vehicle display.
2. Fleet manger can get view on air pressure status on all fleet
3. Can create events that will alert the owner/ driver/ fleet manager on air pressure/ temperature violation
4. Can alert in case of tire replacement with no permission
5. Can alert in case of flat tire at real time