



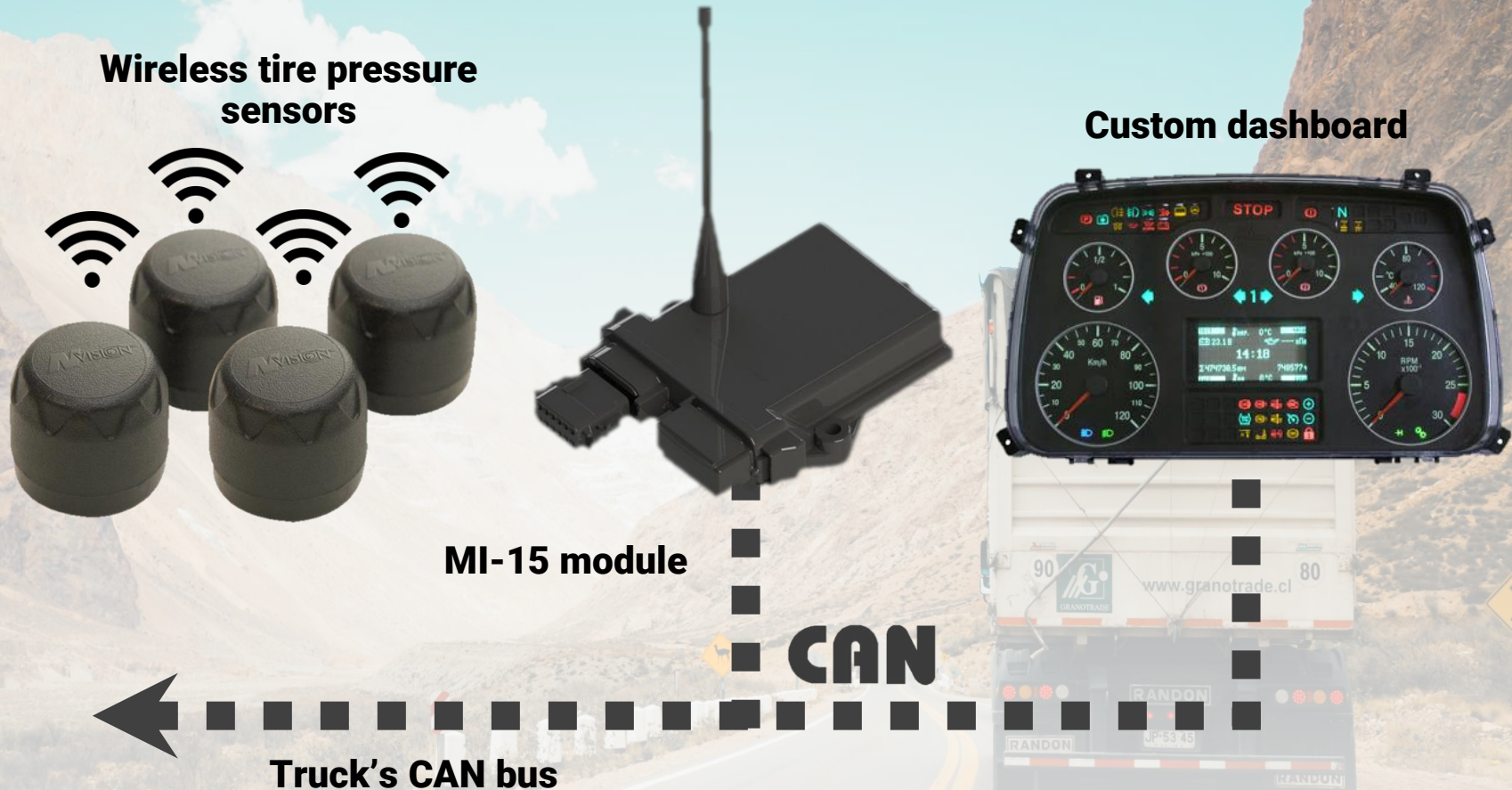
MI-15 MODULE

TIRE PRESSURE MONITORING SYSTEM



SYSTEM STRUCTURE

Set 1



* Data is transmitted in accordance with J1939 protocol, which allows information to be displayed on the client's dashboard. Custom protocol is also supported by agreement.

SYSTEM STRUCTURE

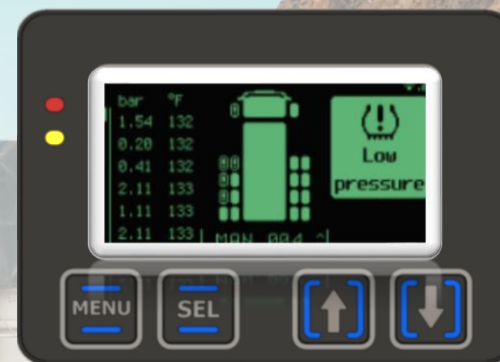
Set 2

Wireless tire pressure sensors



MI-15 module

Display Panel PV-3 (optional feature) *



Truck's CAN bus

CAN

* If client's dashboard does not support CAN or connection is not possible, we offer the PV3 display panel as a bundled device.

COMPONENTS DESCRIPTION



MI-15.0.5 electronic module

The MI-15.0.5 module designed to process data from the pressure sensors and visualize information on electronic displays. The software installed on the MI-15 module allows to detect tire damage, pressure decrease according to a preset level, pressure imbalances along the axles and wheels, to control the pressure over a given range of values, set the reference tire pressure from which warnings are generated.



Pressure sensors

Wireless pressure and temperature sensor.
Pressure measurement range 8 ... 299 Psi.
Operating temperature: -40 ... +120 °C.
Operating frequency: 433.92 MHz.

Display Panel (optional)



Display panel PV-3 is a multifunctional electronic display that interacts with electronic module MI-15 via the CAN interface. This is an optional equipment. The panel displays information about current system faults, supports visual and sound notification of faults, and has built-in event storage.





Field of application:

- Cars and buses.
- Mainline road trains.
- Construction, underground, and agricultural machinery.
- Dump trucks.



Extra features:

- Adjustment using a display, laptop or smartphone.
- Connection to displays from different manufacturers.
- Light indication and Powerline support.



Specifications:

- Operating temperature: -40...+60 °C.
- Sensors supported: up to 32.
- Operating frequency: 433 MHz;
- Dimensions and mass: 164x119x46 mm, 260 g.