

YEARS
20
1999|2019



The TPMS pressure and temperature control system allows direct and constant monitoring of the condition of the tyres on your vehicle. The in-cab display not only receives information about the tyres on the truck, but also obtains data for the connected trailer, thanks to the installed Smart Booster; this allows easy automatic readings for multiple trailers with no need for any additional equipment.

The TPMS system gives drivers the assurance of always having the right tyre pressure, thus reducing excessive fuel consumption and keeping the vehicle under proper control. The display can also be connected to a GPS system to send any data or alarms detected by the TPMS device to the office.

7 GOOD REASONS








- Protection from premature tyre wear
- Prevention of tyre failure through detection of even the slightest damage
- Reduction of fuel consumption and maintenance costs for the company
- Reduction of exhaust gas emissions to help protect the environment
- Reduction of wear and damage to shock absorbers, suspension and other vital parts of the vehicle
- Constant monitoring of tyre pressure for improved driving comfort
- Control of braking to help reduce the possibility of accidents



ADVANTAGES

- Extensive alarm and configuration functions
- Display connects to continuous power to ensure full-time monitoring
- Entire system designed to suit all types of commercial vehicles
- Monitoring of up to 38 separate tyres
- Smart Booster allows long-distance radio communication
- Hand Tool and Smart Booster can communicate to configure and view the sensors installed on the trailer
- System easy to use and set up
- Possibility of data transmission via GPS

ALARMS FUNCTION

-  High Temperature Alarm activated when the temperature exceeds 90°C
-  Low Pressure Level 1 Alarm activated when the pressure is 12,5% lower than the standard
-  Low Pressure Level 2 Alarm activated when the pressure is 25% lower than the standard
-  Low Pressure Level 3 Alarm activated when the pressure is 50% lower than the standard
-  High Pressure Alarm activated when pressure is 25% higher than the standard
-  Leakage Pressure Alarm activated when the tire pressure decreases 3psi within 12 seconds
-  Sensor Problem Alarm activated when radio communication with a sensor is lost

DISPLAY

- Choice of three types of display: ST (standard) - DIN - RS (RS232 serial port)
- Ergonomic and industrial design displays
- Acoustic and optical alarm for noisy environments
- LCD screens with adjustable display
- LCD screens with large display to visualise all informations
- LCD screens with backlight contrast for better visibility
- User-friendly programming controls
- Connect to continuous power supply to ensure full-time monitoring
- RS232 serial port for data transmission



Technical data	Display ST
Mid-frequency	434.1MHz
Receiving sensitivity	-105dBm
Power supply	24V
Working temperature	-30°C~+75°C
Dimensions	104x65x25mm

Technical data	Display DIN
Mid-frequency	434.1MHz
Receiving sensitivity	-105dBm
Power supply	24V
Working temperature	-30°C~+75°C
Dimensions	190x60x55mm

Technical data	Display RS
Mid-frequency	434.1MHz
Power supply	24V
Working temperature	-30°C~+75°C
Serial port	RS232
Dimensions	156x90x23mm

SENSORS

- Screw-on sensors, ergonomic appearance and easy to install
- High-strength material, wear-resistant and resistant to high pressure and high temperature
- Water-proof and resistant to oil, dust etc.
- High precision and immediate monitoring of tire pressure and temperature
- Security lock for safe use
- Large pressure monitoring range with high precision



Technical data	External sensor
Mid-frequency	434.1MHz
Transmitting power	0dBm
Pressure monitoring range	0~13bar/0~188psi
Pressure monitoring accuracy	±0.15bar/±2psi
Working temperature	-40°C~+125°C
Battery life	4~5 years
Dimensions	∅29.5x32.5mm

Technical data	Internal sensor
Mid-frequency	434.1MHz
Transmitting power	0dBm
Pressure monitoring range	0~13bar/0~188psi
Pressure monitoring accuracy	±0.10bar/±1.5psi
Working temperature	-40°C~+125°C
Battery life	5~7 years
Dimensions	29.7x63.3mm

SMART BOOSTER

- Device for long-distance communication
- Smart Booster allows different trailers connection
- Connect to continuous power supply to ensure full-time monitoring
- High-performance material, anti-vibration, water-proof and resistant to dust

Technical data	Smart Booster
Mid-frequency	434.1MHz
Receiving sensitivity	-105dBm
Transmitting power	0dBm
Power supply	24V
Working temperature	-40°C~+85°C
Dimensions	203x123x51mm



HAND TOOL

- Portable and lightweight programmer for trailer sensors
- Ergonomic and user-friendly design
- Simple and intuitive programming controls

Technical data	Hand Tool
Mid-frequency	434.1MHz
Receiving sensitivity	-95dBm
Transmitting power	0dBm
Power supply	9V
Working temperature	-30°C~+75°C
Dimensions	210x110x30mm



CORRECT PRESSURE... LONGER LIFE!