DATA TRANSMISSION

ADVANTAGES

- Monitoring of an unlimited number of tires
- Fully integrated with on-board computer or external devices
- Extensive alarm and configuration functions
- TPMS Receiver connects to continuous power to ensure full-time monitoring
- Entire system designed to suit all types of commercial vehicles
- Data Transmission version via SERIAL RS232
- Data Transmission version via CAN-BUS J1939
- Real-time information on tire pressure and temperature

The OUTSET TPMS RECEIVER allows constant and direct control of the tire pressure and temperature of your fleet. This version has been specifically designed for TPMS Data Transmission to external devices, thanks to the data connectivity via SERIAL or via CAN-Bus. The receiver forwards to the external device all the pressures and temperatures relative to the tires of the tractor and also all the pressures and temperatures relative to the connected trailer. The TPMS system gives drivers the assurance of always having the right tire pressure, thus reducing excessive fuel consumption and keeping the vehicle under proper control.

RS232 SERIAL VERSION

Technical data	Serial version
Mid-frequency	434.1MHz
Power supply	DC 12V/24V
Receiving sensitivity	-105dBm
Working temperature	-40°C~+85°C
Dimensions	132x99x51mm
Protection class	IP67
Connectivity	RS232 Serial

The RS232 SERIAL version of the OUTSET TPMS RECEIVER sends to the external device through the serial output the values of Pressure, Temperature, Sensor ID and Puncture Alarm of each individual sensor detected.

CAN-BUS VERSION

Technical data	CAN-Bus version
Mid-frequency	434.1MHz
Power supply	DC 12V/24V
Receiving sensitivity	-105dBm
Working temperature	-40°C~+85°C
Dimensions	132x99x51mm
Protection class	IP67
Connectivity	CAN-Bus J1939

The J1939 CAN-Bus version of the OUTSET TPMS RECEIVER sends to the external device through the CAN output the values of Pressure, Temperature, Sensor ID and Puncture Alarm of each individual sensor detected.

EXTERNAL SENSORS

TRUCK EXTERNAL SENSOR

- Screw-on sensors, ergonomic appearance and easy to install
- External sensor applied to the tire valve
- Designed with IP68 protection class for industrial vehicles
- High-strength material, wear-resistant and resistant to high pressure and high temperature
- High precision and immediate monitoring of tire pressure and temperature
- Security lock for safe use

TRUCK external sensors

OTR EXTERNAL SENSOR

- Screw-on sensors, ergonomic appearance and easy to install
- External sensor applied to the tire valve
- Designed with IP68 protection class for earthmoving, mining and logistics machines
- High-strength material, wear-resistant and resistant to high pressure and high temperature
- High precision and immediate monitoring of tire pressure and temperature
- Security lock for safe use

OTR external sensors

HEAVY DUTY OTR EXTERNAL SENSOR

- Screw-on sensors, ergonomic appearance and easy to install
- External sensor applied to the tire valve
- Designed with IP68 protection class for heavy duty and harbor applications
- High-strength material, wear-resistant and resistant to high pressure and high temperature
- High precision and immediate monitoring of tire pressure and temperature
- Security lock for safe use

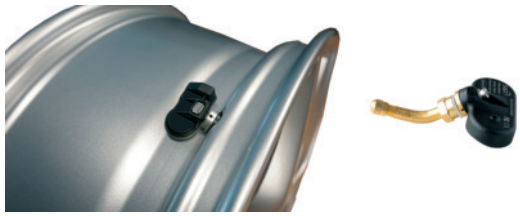
OTR HD external sensors

Technical data	TRUCK external sensor	OTR external sensor	OTR HD external sensor
Mid-frequency	434.1MHz	434.1MHz	434.1MHz
Transmitting power	0dBm	0dBm	0dBm
Pressure monitoring range	0~13bar/0~188psi	0~13bar/0~188psi	0~13bar/0~188psi
Pressure monitoring accuracy	±0.15bar/±2psi	±0.15bar/±2psi	±0.15bar/±2psi
Working temperature	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C
Battery life	4~5 years	4~5 years	5~7 years
Dimensions	Ø29.5x32.5mm	Ø30x35mm	Ø40x32,5mm

INTERNAL SENSORS

INTERNAL SENSOR 01

- Sensor inside the tire that replaces the existing valve
- Designed with IP68 protection class for industrial vehicles and OTR
- High-strength material, wear-resistant and resistant to high pressure and high temperature
- High precision and immediate monitoring of tire pressure and temperature



Internal sensor 01

INTERNAL SENSOR 02

- Sensor inside the tire applied directly on the internal tire casing
- Designed with IP68 protection class for industrial vehicles and OTR
- High-strength material, wear-resistant and resistant to high pressure and high temperature
- High precision and immediate monitoring of tire pressure and temperature

Internal sensor 02

INTERNAL SENSOR 03

- Sensor inside the tire wrapped around the rim of the wheel with a band clamp
- Designed with IP68 protection class for industrial vehicles and OTR
- High-strength material, wear-resistant and resistant to high pressure and high temperature
- High precision and immediate monitoring of tire pressure and temperature

Internal sensor 03

Technical data	Internal sensor 01	Internal sensor 02	Internal sensor 03
Mid-frequency	434.1MHz	434.1MHz	434.1MHz
Transmitting power	0dBm	0dBm	0dBm
Pressure monitoring range	0~13bar/0~188psi	0~13bar/0~188psi	0~13bar/0~188psi
Pressure monitoring accuracy	±0.15bar/±2psi	±0.10bar/±1.5psi	±0.10bar/±1.5psi
Working temperature	-40°C~+125°C	-40°C~+125°C	-40°C~+125°C
Battery life	6~7 years	6~7 years	6~7 years
Dimensions	79x59x32mm	Ø52x24mm	75x35mm