TPMS OUTSET

The OTR TPMS pressure and temperature control system allows direct and constant monitoring of the condition of the tyres on your OTR vehicle.
The ergonomic in-cab display is installed on the dashboard and, thanks to the integrated antenna, allows the monitoring of the pressure and temperature relative to all vehicle's tyres. 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.

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

- Helps to reduce fuel consumption, CO2 emission and tyre wear
- Embeddable display matches general interior decoration of the machine
- Display connects to continuous power to ensure full-time monitoring
- Powerful functions including low pressure, alarm, high pressure alarm and fast leak alarm etc.
- Easy to install, also suitable for the production process of OTR manufacturers
- Entire system designed to suit all types of OTR applications

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

- Integrated Antenna
- Ergonomic and industrial design displays
- Acoustic and optical alarm for noisy environments
- LCD screens with adjustable display
- LCD screens with backlight contrast for better visibility
- User-friendly programming controls
- Connect to continuous power supply to ensure full-time monitoring

Technical data	Display
Power supply	24V
Mid-frequency	434.1MHz
Receiving sensitivity	-105dBm
Working temperature	-30°C~+75°C
Dimensions	173x102x53mm

DISPLAY WITH DATA TRANSMISSION

- Display RS (RS232 serial port)
- Ergonomic and industrial design display
- Acoustic and optical alarm for noisy environments
- LCD screen with large display to visualise all informations
- LCD screen 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 RS
Power supply	24V
Mid-frequency	434.1MHz
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	Ø30x35mm