



## Introducing Oz Sensor 'X' Tyre Pressure and Monitoring Systems

Experience unparalleled safety and efficiency with the Oz Sensor Tyre Pressure and Temperature Monitoring System, designed for trucks, buses and heavy duty commercial vehicles. Our innovative solutions ensure optimal tyre pressure and temperature, enhancing safety and performance on the road. Designed to support up to 182 wheels, our system is ideal for managing large fleets with ease.

### Why Choose OzSensor 'X'? Engineered & Designed for Australian Conditions, Built for Safety.

**Seamless Integration:** Our special flow-through design sensors allow for quick installation and inflation without the need for costly tyre dismounting. Save time and reduce downtime.

**Real-Time Monitoring:** Keep a proactive approach to tyre management with real-time monitoring of both tyre pressure and temperature. Prevent dangerous blowouts and stay ahead of regular maintenance by detecting leaks early.

**Efficient Fleet Management:** Easily hook up any truck with any trailer (up to 7) equipped with the Oz Sensor 'X' system. Automatic pairing and real-time updates streamline your operations, making drop-and-hook processes more efficient.

Replacement sensors can simply be screwed on and the system will automatically relearn with no special programming tools or procedures required.

## AUTO LEARN SENSOR TECHNOLOGY

External mount flow through sensor

No need to remove tyres

Pressure 0-180 PSI / Temp. -40 to 125 Deg C

Monitor up to 182 wheels

Monitor up to 7 trailers/dollys

Auto trailer connection and ordering



### Key Features

- **External Sensors:** Screw-on design, including Standard, Flow Through, and Extension Flow Through.
- **Auto Learn Technology:** Automatically learn new sensors or manually program via QR Code, NFC or manual ID input.
- **Long Battery Life:** Over 5 years per sensor.
- **Real-time Alerts:** Fully customisable Low Pressure, High Pressure, High Temperature, Low Battery Alerts and more.
- **Versatile Monitoring:** Pressure (0-180 PSI) and temperature (0-125°C) in multiple units.
- **Extended Range:** 2.4 GHz mesh network for long-range monitoring.
- **12/24V Intelligent Z-BOX AI Transceiver:** IP69 rated, OE automotive grade for harsh Aussie conditions.
- **Configurable:** Monitor up to 182 wheels and up to 7 trailers. Configurable through smartphone or tablet.
- **Auto Trailer Detection:** Efficient trailer connections with auto detection, swapping and ordering.
- **Telematics Integration:** Supports multiple protocols. RS232, 2.4Ghz BLE, CAN, J1939 and more.
- **3rd Party Devices:** Ability to integrate with and receive data from compatible 3rd party sensors. I.e. Hub Odometers, Wheel Loss, Hub Temperature sensors etc..
- **Fully customisable:** Suitable for trucks, trailers, road trains, buses, RVs, and more.
- **Future Proof Technology:** Fully updatable firmware capabilities.



# ozsensor<sup>®</sup>

by ZYLUX



www.ozsensor.com.au

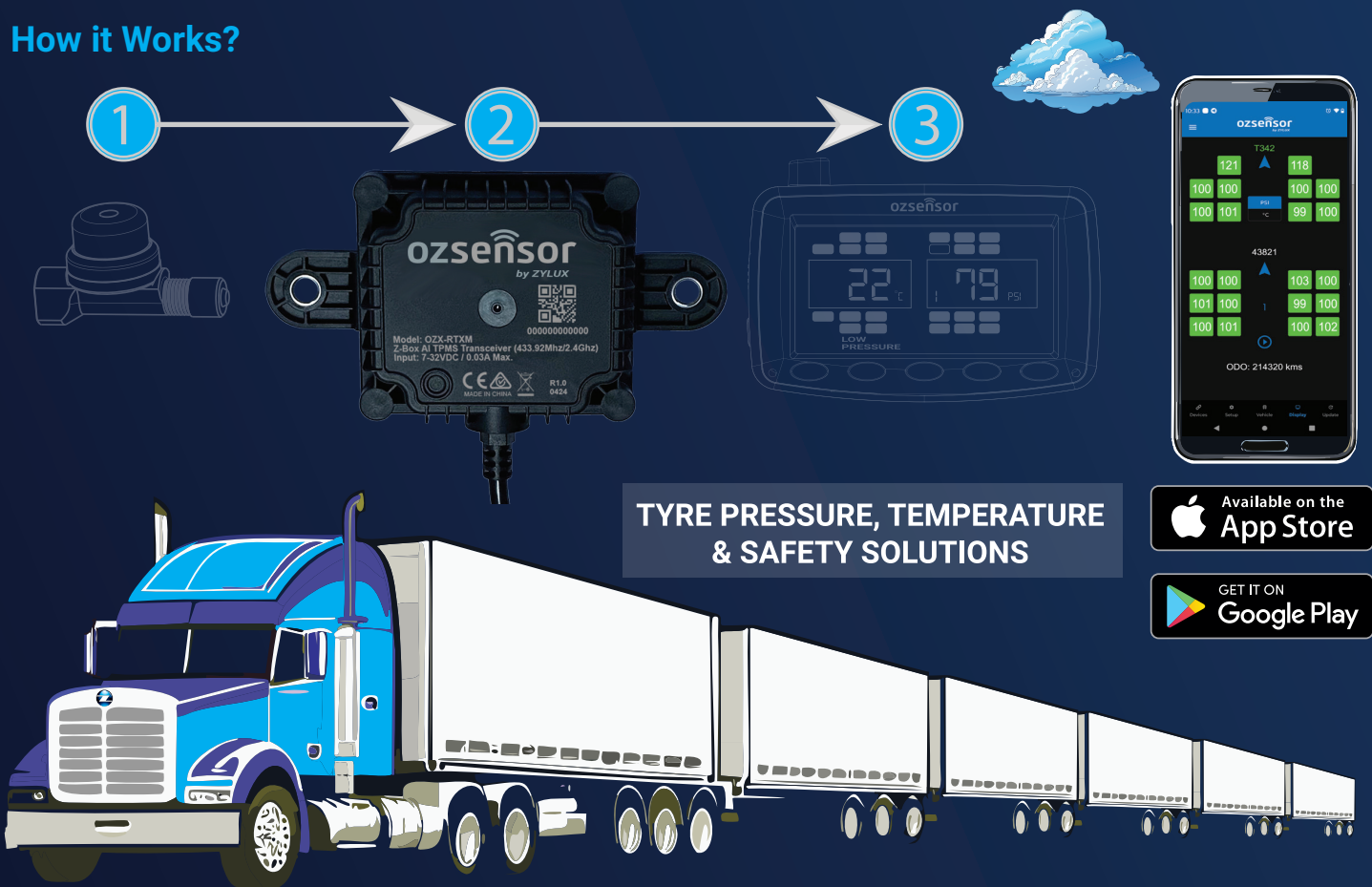
## Key Benefits

**Reduces Operating Costs:** Effective tyre management minimises down-time, enhances fuel efficiency, and extends tyre lifespan, leading to lower operating costs and a reduced carbon footprint.

**Enhances Safety:** TPMS for fleets helps prevent blow-outs, improves braking distance and handling, and ensures the safety of drivers and other road users.

**Prevents Hazards:** By monitoring tyre conditions, TPMS helps prevent trailer fires and other safety risks, contributing to overall road safety.

## How it Works?



- 1 Sensors:** Tyre pressure and temperature readings are transmitted to the Intelligent Z-BOX AI Transceiver, along with data from any compatible third-party sensors (e.g., wheel loss, hub temperature, hub odometer).
- 2 Z-BOX AI Transceiver:** One of these is installed underneath every bus, truck, trailer, dolly etc. This processes and verifies the data before transmitting it to various endpoints, including in-cab monitors, smartphones, telematics cloud devices, or other Z-BOX Transceivers.
- 3 Display:** View real-time data and alerts through an in-cab monitor, smartphone, tablet or telematics web platform.



**ZYLUX<sup>®</sup>**  
AUSTRALIA  
Established 1991

Zylux Australia Pty. Ltd. - 166 Christmas Street, Fairfield, VIC, 3078, Australia  
Phone: (03) 9482 2203 Email: info@zylux.com.au - Website: www.ozsensor.com.au

Specifications subject to change without notice. - 1124