

TLGX SERIES

THE ULTIMATE MODULAR TIRE INSPECTION TOOL



INTRODUCING THE TLGX SERIES



Fully modular, adapting to your needs and based on the industry standard tyre inspection tool that has been in the market for 25+ years. The TLGX Series come with an impressive feature set and it is constructed from the most durable materials. The TLGX Series from Translogik unlocks fast and accurate tyre inspection technology.

The TLGX Series delivers Tyre Tread Depth, TPMS Sensor capabilities & RFID. Used by the largest brands in the industry, Translogik's TLGX Series is the ultimate solution in tyre inspection technology.

The tool is developed for system Integrators and fleet management software companies looking for the ideal tool to collect tyre data.

KEY FEATURES

- ✳ Modular
- 📏 Tread depth 0-30mm
- 📶 RFID
- 🚗 TPMS Reader
- 📊 Accurate Tyre Pressure Measurement
- 📶 Wireless 20m Bluetooth range (in free air)
- 🔋 High Capacity Rechargeable Battery lasts up to 24 hours
- 📱 Software Development Manual Available
- 🛡️ Lightweight & Rugged Construction



Tread Depth

- 🚗 Measurement range: 0-30mm
- 🚗 Accuracy: +/- 0.1mm
- 🚗 Operations: 200,000+
- 🚗 Measurement Modes: Data, mm, inches

RFID

- 🚗 Supported protocol : EPCglobal Gen 2 (ISO 18000-6C)
- 🚗 Regulatory : configurable for operation in multiple regions
- 🚗 Frequency range : 860 MHz to 960 MHz (configurable by region)
- 🚗 Typical maximum read distance : 1m (many factors affect the read distance, the tag antenna and placement position being one of them, therefore read distance cannot be guaranteed)

General Specifications

- 🚗 Weight: 255g (Without hose)
- 🚗 Operation Cycle: 16 hours typical
- 🚗 Re-Charge Cycle: 6 hours max
- 🚗 Battery: Built in Li-ion 3.6V 2600mAh Max
- 🚗 Communication: Bluetooth v5.0 Classic (BR/EDR) & Low Energy. IOS, Android and Windows compatible. Or cable USB type C connector (USB 2 / 3 / 3.1).
- 🚗 Wireless Range: 20m in free air

Tyre Pressure Port

- 🚗 Measurement Range: 0-150 PSI / 0-10 bar
- 🚗 Accuracy: +/- 0.25%
- 🚗 Operations: 1,000,000 +
- 🚗 Measurement Modes: Data, PSI, BAR

TPMS

- 🚗 Frequency: 433 MHz (315 MHz optional)
- 🚗 LF Initiator: 125 KHz
- 🚗 Read Range: Up to 60cm dependant on protocol



Maximise Tire life and performance with
Translogiks Range of Innovative products

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