



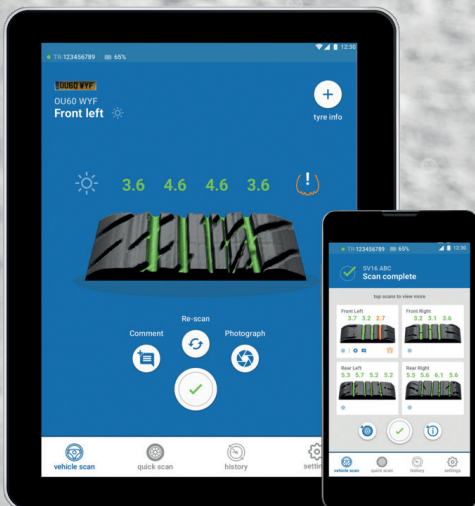
**TreadReader**



## HandHeld Scanner



Redefining Tire Measurement



## Eliminate errors with TreadReader™

Compact and lightweight, the **TreadReader™** HandHeld can improve the quality of the tires you measure eliminating errors and uncertainty. Just by pushing the device across the tread face, you get accurate information about the tire's condition and print a report to clarify the data together with your customer.

The **TreadReader™** HandHeld scanner is simple to use and ideal for all tire inspection applications in workshops, service centers, inspection lanes, vehicle depots, by mobile tire fitters and for roadside inspection. The **TreadReader™** suits the highest vehicle inspection volumes and can be used both in open areas or a more confined workshop environment.

## Measure 300,000 points within 6 seconds

The scan of each tire relies on up to 300,000 measurement points is used to calculate tread depths with an accuracy of <0.2mm or 0.008". The 3D models of the tire tread and the calculated depths can be viewed on smartphone or tablet, instantly, a PDF report is generated containing vehicle identification, 3D tire scans with color-coded tread warning and error alarms for every axle/tire position, print or e-mail out the report raising your customer's trust.

Rear Left NSR 80% worn  
mm            2.9    3.4    3.7    3.8



TreadReader™ 3D tire scan



## Sell safer rides

The tire conditions have a huge impact on the grip with the road, by optimizing the tire replacement time **TreadReader™** maximizes the safety conditions and ensure compliance with legal tread depths or tire replacement policy. The detailed 3D images show the information with absolute clarity, no doubts will remain. Improve your incomes using **TreadReader™** to enhance awareness around tire safety conditions, showing your customers the need of tire replacement or wheel alignment.

## Beyond passenger cars

Accurate tread depth readings for passenger cars, minibuses, trailers, light commercial vehicles.

**TreadReader™** can reveal uneven wear symptomatic of problems such as worn suspension and the calculated data can be imported into different fleet management systems and produce wear analysis or tire lifetime modelling.





# App and TreadManager:

## Connect, view, share and integrate



The user friendly **TreadReader™** app guide you through the scanning process, within a few steps you pair your scanner with your mobile device being able to set details, perform scanning and accessing the saved data. The **TreadReader™** app is available to download in major app store.

Fully integrated with any **TreadReader™** product, the **TreadManager™** is a cloud-based tire management platform designed to improve your service productivity and boost sales. It stores the scan, car and tire data in a professional way also allowing the service managers to visualize reports on the number of vehicles scanned, technician activity as well as sales opportunities for tires and wheel alignment. On a desktop monitor or tablet, easily share the reports with customers enhancing tire replacement or related services authorizations. Predict tire lifetime and build trust with customers by helping them take informed decisions about tire replacement.

**TreadReader™** integrates with major electronic vehicle health check solution, increasing workshop efficiency and profitability. Additional software integration is likewise available.

## **TreadManager**

## Perform more

- Identify the tire wear modes (under inflation, over inflation or misaligned);
- Include pictures of the vehicle tires in the report, add comments, car and tire information;
- Scan history stores every scan in your mobile device, the previous scans are available for visualization at any time.



# Features and benefits

Always connected. Unlike other products, **TreadReader™** HandHeld does not require a wi-fi connection at the moment of scanning, you can easily pair with your mobile device, visualize the data and transfer the information to **TreadManager™** when wi-fi is available.

Dirty or wet tires? Not a problem! **TreadReader™** readings are extremely accurate and not affected by dirt or water.

Try a scan! Quick scan mode allows you to scan one tire without the need of entering a registration number. Show your customer how tread measuring, and tire diagnosis works.

Make it personal. Set the scanner configuration that suits you better specifying location, tread measuring system (inches or mm), mileage (miles or km), scan direction/first tire. LED panel allows you to identify the scanner status.

Accuracy though calibration. To check the scanner calibration is simple and fast, only few steps are needed and takes less than a minute.

Different users, different needs. **TreadManager™** allows users with different profiles (group admin, workshop admin, staff), each profile is granted with more or less comprehensive control and information avoiding user mistakes when managing the data.



## Product Specification

- Dimensions (L x W x H): 180mmx90mmx70mm ≈ 7"x3.5"x2.8"
- Patch scanned: 50mmx23mm ≈ 2"x0.9"
- Maximum tread depth: 23mm ≈ 0.9"
- Measurement accuracy: < 0.2mm ≈ 0.008"
- Laser class: Class 1
- Operating temperature: 0°C to 50°C ≈ 32°F to 122°F
- Communication: Wi-Fi 2.4 GHz
- Environmental rating: IP64
- Power: Internal rechargeable battery through USB 3.1 Type C (5VDC@2.1A)



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