

## Press Release

March 2016

### CV Show Product Launch of TreadReader™ Hand Held scanner for Tyre Tread Depth measurement

Sigmavision Ltd is launching the world's first 3D tyre measurement Hand Held scanner at the CV Show, April 26th - 28th, 2016.

The TreadReader™ Hand Held scanner is a compact and lightweight device. It is quick and easy to use and eliminates the errors associated with manual tread depth gauges. The scanner is positioned on one edge of a tyre and operated by sliding it across the tread face.

Accurate tread depth readings for tyres of all vehicle types, from LCVs to HGV, buses, trailers and passenger cars, can reveal badly worn or unevenly worn tyres symptomatic of problems such as wheel misalignment or worn suspension. Colour coded 3D scans enable tyre replacement at the optimum time to maximise tyre safety and present revenue opportunities to the trade from increased tyre sales or service hours.

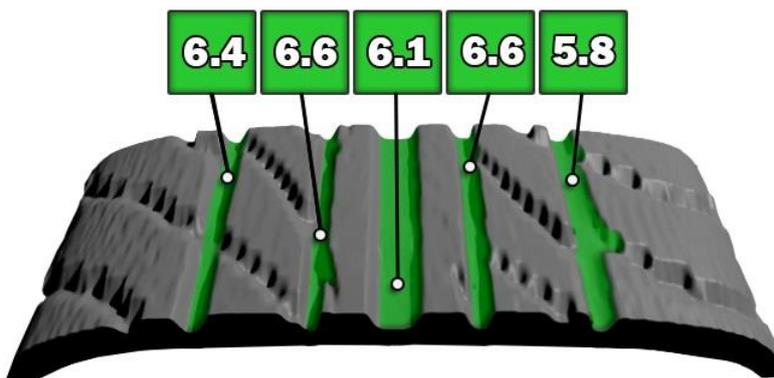


*TreadReader™ Hand Held scanner showing tyre tread depth scans on wi-fi connected tablet*

TreadReader™ is suitable for wet or dirty tyres and is ideal for all tyre inspection applications in workshops, service centres, inspection lanes, commercial vehicle yards and at the roadside. The calculated data can be imported into any fleet management system to log tyre scans and produce wear analysis or tyre lifetime modelling.

Visitors to the CV Show will see demonstrations of the TreadReader Hand Held scanner and be able to try the product themselves.

The patented TreadReader™ tyre measurement technology creates a detailed 3D scan of each tyre, constructed from 320,000 measurement points, with an accuracy of < 0.2mm or 0.008". By scanning the full width of the tyre and 50mm around the tyre, Treadreader™ devices far surpass the accuracy and reliability of traditional dip gauges and non-contact 'laser pointer' measurement devices.



*TreadReader™ 3-Dimensional scan showing tyre tread depth*

3D scans of the tyre tread using the TreadReader™ Hand Held scanner can be viewed on a tablet, mobile phone or PC, alongside the calculated tread depths. For all device operating systems, whether Android, Windows or iOS1, an operator report is instantly generated, showing vehicle identification, 3D tyre scans with colour-coded tread warning and error alarms for every axle and tyre position.

The TreadReader™ Hand Held scanner can be purchased together with a tablet or connected to an existing device. The TreadReader™ App is available to download and there are simple steps to connect the mobile device with the scanner.

## **More about Sigmavision Ltd**

Sigmavision Ltd is the developer and manufacturer of TreadReader™, a patent protected technology for tyre tread depth measurement in the tyre aftermarket. Based in the UK, Sigmavision is a high tech company, with world class expertise in laser sensor and camera imaging technology.

Originally supplying offline and online laser profiling systems and laser measurement systems<sup>1</sup> to the world's largest tyre manufacturers, Sigmavision now exclusively manufactures and supplies tyre measurement equipment for the tyre aftermarket, including the TreadReader Hand Held scanner and TreadReader Drive Over ramp.

For use by workshops, dealerships, fast fit operators, tyre retailers, fleet operators and law enforcement agencies, TreadReader products are redefining tread depth and tyre wear measurement.

Sigmavision is also working with leading industry partners to educate private motorists and business drivers about correct tyre maintenance and the need to reduce the number of road traffic accidents occurring as a result of faulty tyres

[www.sigmavision.com](http://www.sigmavision.com)

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