



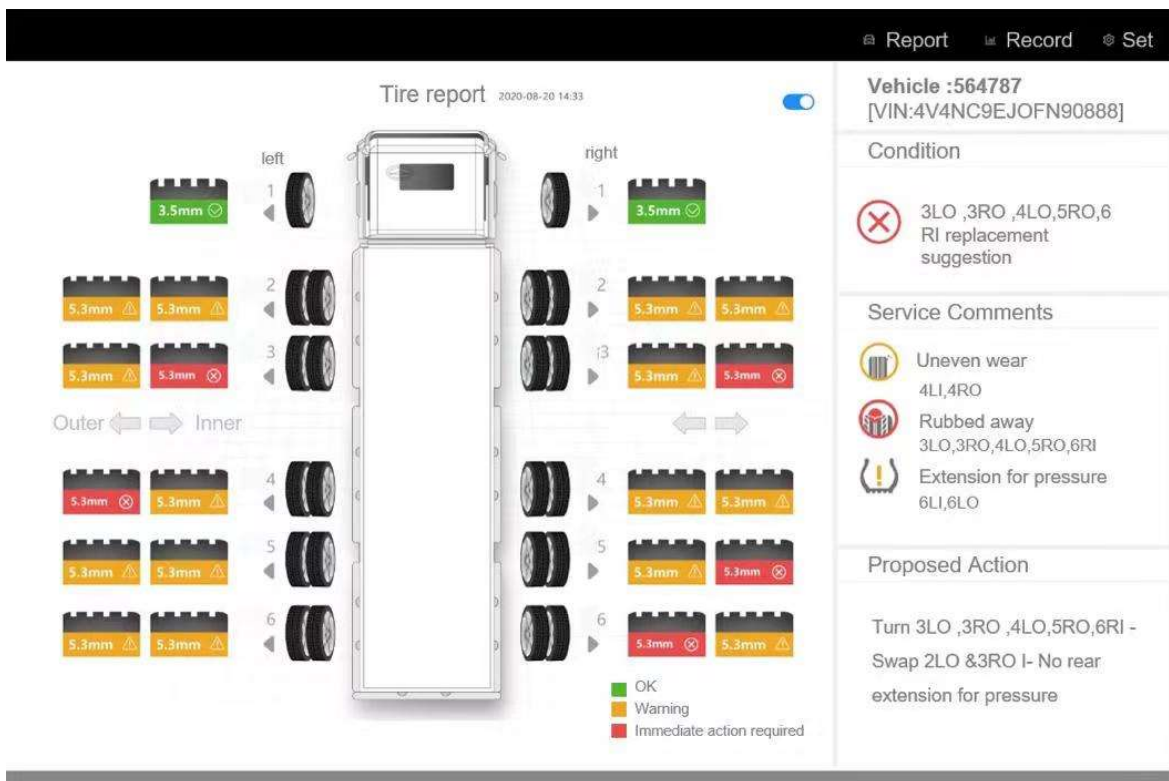
Exclusively represented by SPM Logistics LLC  
2535 Kettner Boulevard, San Diego, California 92101,  
United States  
Phone: 858 800 4400 Cell: 858 305 9606  
Soporte Español: +1 (619) 288-0008  
Web: [www.jevol.us](http://www.jevol.us) [www.treaddepthscanner.com](http://www.treaddepthscanner.com)

## TDS-70 A surface mount series

### Commercial Tire Tread Depth Scanner Solution

Why is it important to know about the tread depth of the tire? As the tire is used frequently, its tread slowly wears down, and the depth lessens. As this happens, the tire's efficacy decreases, and it starts losing its grip. Traditional method is to use tread depth gauge to check the depth manually, which is time-consuming, and easy to have error or missed detections.

TDS series Automatic Tire Tread Depth Scanner make the process of checking easy and quick for you. Simply drive through the scanner, and a report will be issued in 4 seconds with accuracy up to  $\frac{1}{64}$  Inches (frac) (0.3mm). Besides being easy to install and maintain, the equipment is also wind- and water-resistant.



(Screen shot of the report. For US customers, the tread depth gauge will be displayed in 32nds of an inch.)

The software-based report shows issues with tires, marks them up on a diagram, and provides recommendations such as tire rotation or replacement.



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- ✓ The installation does not require any concrete work
- ✓ Avoid high penalties during road checks for fleets
- ✓ An ideal solution for fleet management systems
- ✓ Managing tire slip, tire burst, and long braking distance risks
- ✓ Vehicles that are not compliant with state regulations can be identified efficiently and automatically by tread depth scanners

TDS series Automatic Tire Tread Depth Scanner, consists of scanners and computer system:



#### Accessories

- ◆ Left & right scanner
- ◆ Ramps (only on-ground type)
- ◆ Air compressor (optional)



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## Specifications

- ✓ A ramp with a steel thickness of 0.16 in. (4mm) ensures durability of the equipment
- ✓ Integrated pneumatic nozzle for cleaning dust, water, and ice from laser screens. \* Must be connected to an existing air-pressured pipe. Compressor does not included.
- ✓ Network connection between scanner and computer enables easy data transfer over CAT6 cable
- ✓ Windows-licensed HP/DELL PC
- ✓ A professional HP/DELL PC with a Windows licensed

Items	Parameters
Model	TDS-70
Size in mm (H x W x D)	113*98*4.7 in (2880*2484*120mm)
Weight	1100 lbs. (500kg)
Minimum requirements for venue size	236*90 in (6000*2290mm)
Measurement accuracy	$\frac{1}{64}$ Inches (frac) (0.3mm)
Measuring range of tread depth	$2\frac{5}{32}$ Inches (frac) (0-20mm)
Effective measuring width	31.5 in (800mm)
Measuring range of tire qty for each side	single wheel or multiple wheels
Measurement Duration	7 seconds
Network requirements	wired & wireless network (WIFI,4G)
Max. speed	0 – 6 Mph (10km/h)
Max. single axial load	33069 lbs. (15 000 kg)
Voltage supply	110 - 220V, 350W
Operating temperature	23 - 140°F (-5 – 60 °C)
Protection type	IP68

- Software does not have a monthly or annual subscription fee
- A remote technical support service that allows access to the product over the internet
- One-year warranty is included