

TTDS

Tyre Tread Depth Scanner

(Passenger/surface mount)



Model: TTDS

Product: Tyre tread depth scanner

Description: The Tyre Tread Depth Scanner is a state-of-the-art, TUV Nord-certified system designed for fast, accurate, and contact-less tyre tread depth measurement. Ideal for workshops, dealerships, and fleet management, this high-precision scanner enhances safety, efficiency, and compliance by providing real-time tread depth analysis.

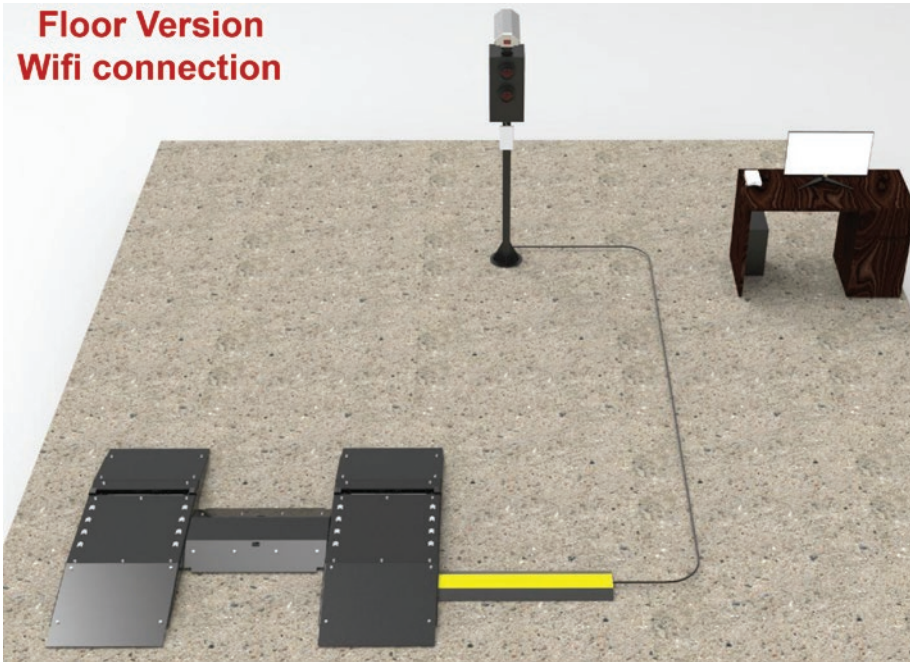
Features	Benefits
TUV Nord Certified Accuracy	Meets international standards for precision and reliability.
Non-Contact Scanning Technology	Uses advanced laser or sensor-based technology for quick and accurate tread depth measurements.
Real-Time Analysis	Instantly provides tread depth data, detecting uneven wear and potential safety risks.
Automated Measurement Process	Eliminates manual checks, reducing human error and saving time.
User-Friendly Interface	Easy-to-read display and digital reporting for seamless operation.
Integration & Data Storage	Connects with vehicle diagnostic systems, allowing data tracking and reporting.
Durable & Workshop-Ready	Built for high-traffic environments in service centers, dealerships, and fleet maintenance facilities
Compact & Versatile Design	Suitable for passenger cars, trucks, and commercial fleet vehicles.
	Enhanced Safety & Compliance – Ensures vehicles meet legal tread depth requirements, reducing accident risks.
	Increases Efficiency – Automates inspections, allowing faster service times and improved workflow.
	Cost-Effective Maintenance – Helps identify uneven wear early, preventing costly tyre replacements.
	Reduces Human Error – Provides consistent, highly accurate measurements compared to manual tread gauges.
	Ideal for Fleet & Workshop Use – Perfect for high-volume vehicle inspections, improving service quality
	Data-Driven Decision Making – Stores and analyzes tread depth history for proactive maintenance planning.

3D Laser Technology – Uses advanced 3D laser scanning to measure tyre tread depth with high precision and accuracy.	Superior Accuracy & Consistency – Provides detailed, reliable tread depth readings, detecting even minor wear patterns for better safety and maintenance planning.
WiFi Connectivity	Enables wireless data transfer and integration with diagnostic systems, cloud storage, or workshop management software.
Fully automatic	Drive through, automatic vehicle license plate recognition. Auto report printing and uploading
Automatic diagnostics and maintenance suggestions	Worn-out tyre and abnormal wear, over pressure or low-pressure, four-wheel alignment, etc
Risks warning	Slipping tyre risk, long braking distance risk
Tyre life cycle management	Tracking of the entire tyre life cycle: from in-store, on-road, replacement to disposal.

Technical information	
Size	265*1780*90 mm
Track width	665 mm
Max tyre width	530 mm
Accuracy	0.1 mm
Measuring tyre depth	1 - 12 mm
Report display speed	4s
Max speed	10km/h
Max axial load	3 ton
Power	110-240 V AC 200W



Floor Version Wifi connection



Installation model:

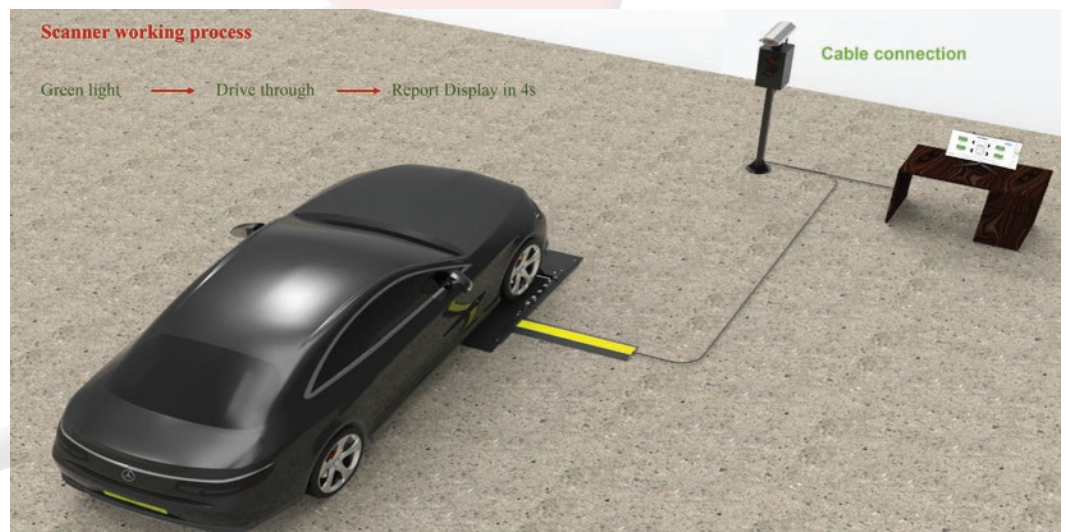
Floor Version & In-ground Version

Connection between scanner and computer

Wireless connection or Cable connection

Scanner working process

Green light → Drive through → Report Display in 4s



Initial interface

