



WAA613

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Wheel Alignment with ADAS



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WAA613 is the world's first all-in-one device that deeply integrates wireless 3D wheel alignment with ADAS intelligent calibration. It features a 75-inch large screen that digitally displays the target and wheel alignment information, comprehensively improving maintenance efficiency and accuracy.



Seamless integration of wheel alignment and ADAS calibration



Large-screen digital target, dual-screen shared display, intuitive calibration, and space-saving



Bluetooth laser distance measurement, automatic data acquisition



Features

1. Integrated operation process: One-click switch from wheel alignment to ADAS calibration, no repeated setup required;
2. Digital targets: High-definition large screen displays real-time target and wheel alignment information, space-saving, intuitive and easy to use;
3. Bluetooth laser distance measurement: Automatically captures centering, parallelism, and height data, no manual input required, visual dynamic guidance for adjustment;
4. Intelligent screen projection: Tablet automatically and wirelessly projects wheel alignment data to large screen, enables seamless data transfer and unified interface;
5. Simplified calibration process: Fully optimized adas software, clear and concise steps, supports illustrated guidance, reduces operating threshold;
6. Wide vehicle coverage: Supports calibration and wheel alignment data for over 95% of global ADAS vehicles, continuously updated database, covers mainstream brands;
7. Paperless report output: Generates professional testing and calibration comparison reports, supporting electronic sharing and archiving.

Functions

- 1. Wheel alignment measurement:** Supports standard and quick measurement modes, measures key parameters such as toe-in, camber, caster, kingpin inclination, thrust angle, supports additional measurements including wheelbase, track width, axle offset, wheel offset, diagonal, and center offset.
- 2. ADAS intelligent calibration:** Digital targets switch automatically, no physical target installation or storage required.
- 3. Centering, parallelism, and height adjustment:** Laser automatically aligns centering and parallelism, beam height automatically detected and adjusted, supports manual/electric lifting, bubble level assists in leveling.
- 4. Intelligent terminal integration:** ST13 smart connection terminal wirelessly projects to 75-inch large screen, real-time display of measurement and calibration process.
- 5. Vehicle database:** Covers wheel alignment data for over 50,000 global models, supports user customization, supports calibration for over 95% of vehicles equipped with ADAS systems worldwide, continuously updated.
- 6. Test Report:** Generates professional test reports, supports data comparison before and after adjustment, and supports report sharing.

Parameters

Toe-in	$\pm 20^{\circ}$
Camber	$\pm 10^{\circ}$
Caster	$\pm 10^{\circ}$
Kingpin Inclination	$\pm 20^{\circ}$
Maximum Steering Angle	$\pm 35^{\circ}$
Wheelbase	1940~4600mm
Track Width	1290~1900mm
Wheel hub diameter (four-point wheel hub clamp)	275~640mm
Tire diameter (three-point tire clamp)	470~1100mm

Display Parameters

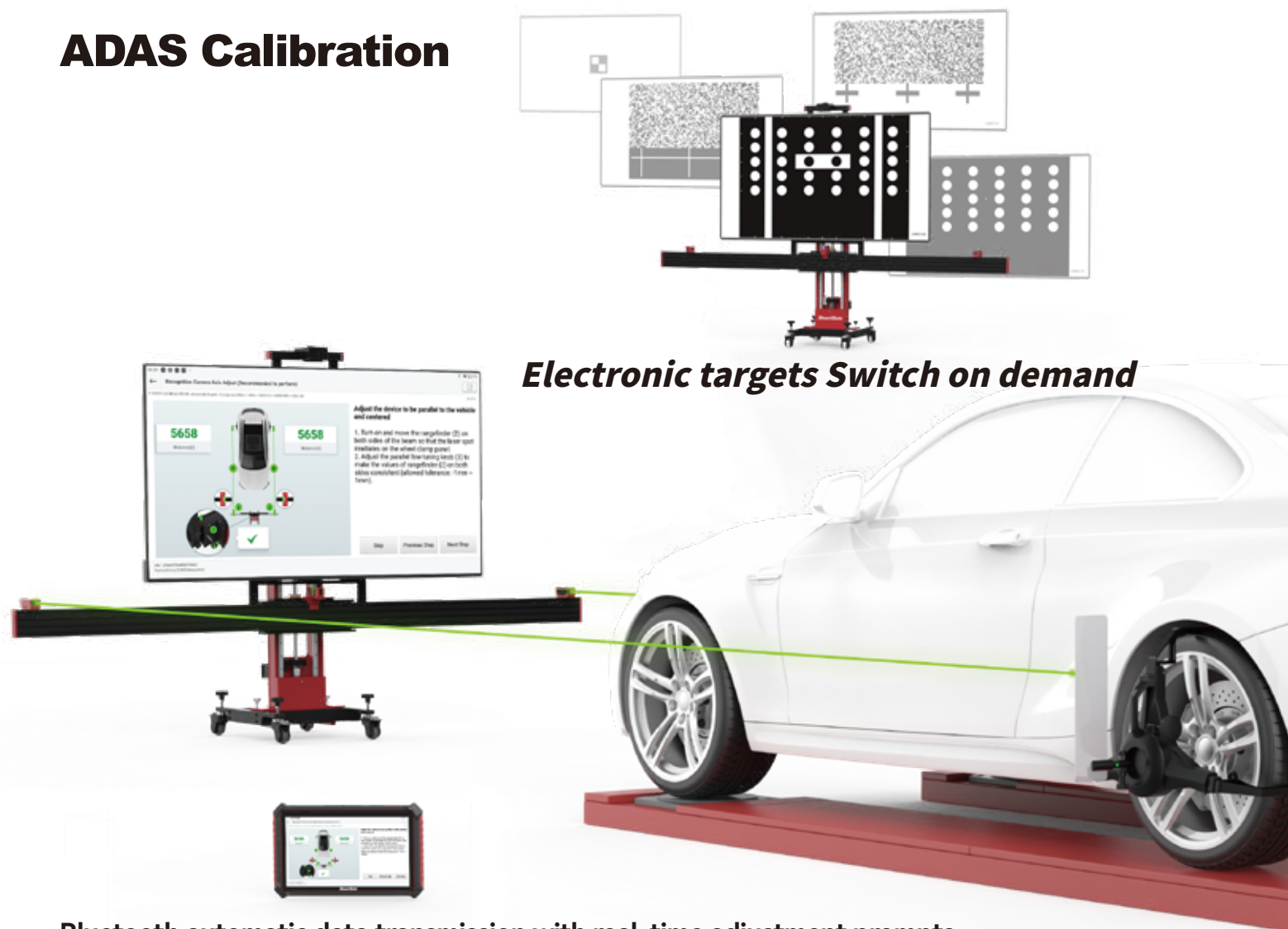
Clarity	2160p
Screen size/Screen Ratio	75 inches/16:9 widescreen
Resolution	3840×2160
Operating System	Android
Network Connection Method	Wi-Fi
Memory	1.5G+8G
Power Supply Voltage	110-240V
Overall Power	138W
Standby Power	<0.5W

Wheel Alignment



Real-time screen mirroring for wheel alignment procedures, with full process visualization

ADAS Calibration



Electronic targets Switch on demand

Bluetooth automatic data transmission with real-time adjustment prompts