

Q.DAS

ADAS CALIBRATION



NEW!

Q.DAS: A modular system for calibrating forward-facing camera and radar sensors

Since 2022, new vehicles in Europe are only sold with safety-relevant advanced driver assistance systems (ADAS). These sensors need to be recalibrated even after minor repairs, but especially after a wheel alignment. This provides workshops with a new service potential.

The new calibration solution Q.DAS allows workshops to perform the highly profitable service inhouse to safely return the vehicles to their customer.

Q.DAS: Beissbarth's fastest solution for ADAS calibration so far!

Digital instead of analogue:

- ✓ Camera-based positioning and live guidance
- ✓ No plumb bobs or measuring tapes
- ✓ Full control over the positioning process
- ✓ Automatic specs* instead of manual inputs

Wheel alignment and ADAS calibration in one go:

- ✓ No repositioning of equipment
- ✓ No switching between equipment
- ✓ Always ready to go
- ✓ Guided procedure for setup and positioning
- ✓ Automatic compensation of different installation heights
- ✓ Complies with highest OEM accuracy demands

Calibration of safety-relevant ADAS:

- ✓ Forward facing cameras (e.g. Lane Keep Assist)
- ✓ Forward facing radar (e.g. ACC)
- ✓ For occasional as well as permanent use in front of alignment area

Video



Scope of delivery:

Description	Q.DAS Standard	Q.DAS Pro
Safety-relevant ADAS	Radar and camera	Radar and camera
Vehicle class	Passenger cars	Passenger cars and LCV
Calibration throughput	Low to medium	High
Height adjustment	Motorized up to 1700 mm	Motorized up to 2050 mm
Supports all camera calibration targets	●	●
Supports eTargets	●	●
Simultaneous use of radar and camera targets	–	●
Longitudinal fine adjustment without repositioning	200 mm	900 mm
Crosswise fine adjustment without repositioning	200 mm	200 mm
Order number:	8 900 380 010	8 900 380 012

*Costs apply, only in combination with Q.Lign wheel aligner

Q.DAS: Modular calibration solution for any workshop

- ✓ Free choice of calibration targets and radar mirrors
- ✓ Configuration to meet calibration throughput, budget, and space requirements
- ✓ Independent of choice of diagnostic tester
- ✓ Integrated X-Y-moving base minimizes levelling
- ✓ Motorized height adjustment



eTarget: digital display for calibration targets – with wide vehicle coverage

eTargets display the calibration targets on a glass free ePaper screen with reflective technology. This ensures high contrast even under extreme light conditions. The casing provides the eTargets protection during workshop use.

- ✓ Quick setups: 15 targets in one eTarget
- ✓ Automatic selection of the correct pattern
- ✓ High contrast even during extreme light conditions
- ✓ Less space requirements
- ✓ Documentation

Scope of delivery:

eTarget Kit	eTarget
2 eTargets	1 eTarget
1 Universal calibration target 4S	–
Order number: 8 900 380 011	Order number: 8 900 381 003

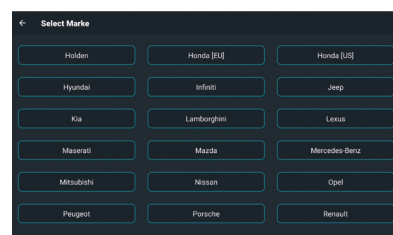


More information on coverage of individual models:

Q.mApp: tablet software for camera and radar calibration

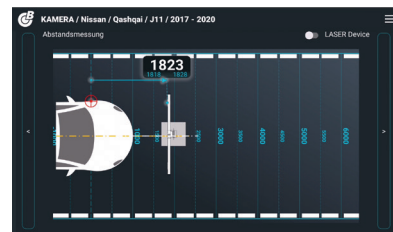
Q.mApp (Android) supports the user with simple step-by-step instructions to correctly setup, position, perform and document the calibration:

1. Select vehicle and sensor



- Up-to-date ADAS specs and OEM information for static calibration
- Automatic calibration target board selection

2. Setup and position

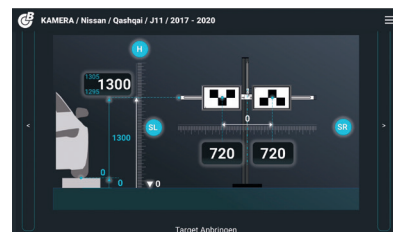


- Easy step-by-step instructions
- Height compensation of different installation heights
- Supports analog and digital positioning
- Live values for height, distance, offset, and yaw angle
- Compatible with wheel aligners Q.Lign, Easy 3D+, and Easy CCD

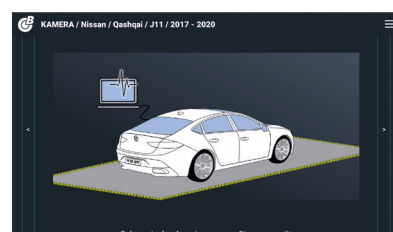


Exclusively for Q.Lign:

Direct integration into the wheel aligner for real-time data exchange*



3. Calibrate



- Use already existing diagnostic tester
- No lock-in to a single diagnostic tester

*Costs apply, only in combination with Q.Lign wheel aligner