

PRECISE & SIMPLE

ADAS SOLUTION

2026



X-431 RADAR 3 IN 1



X-431 ADAS MOBILE PLUS



X-431 ADAS PRO PLUS



X-939 ALL-IN-ONE SOLUTION FOR ADAS CALIBRATION AND FOUR-WHEEL ALIGNMENT



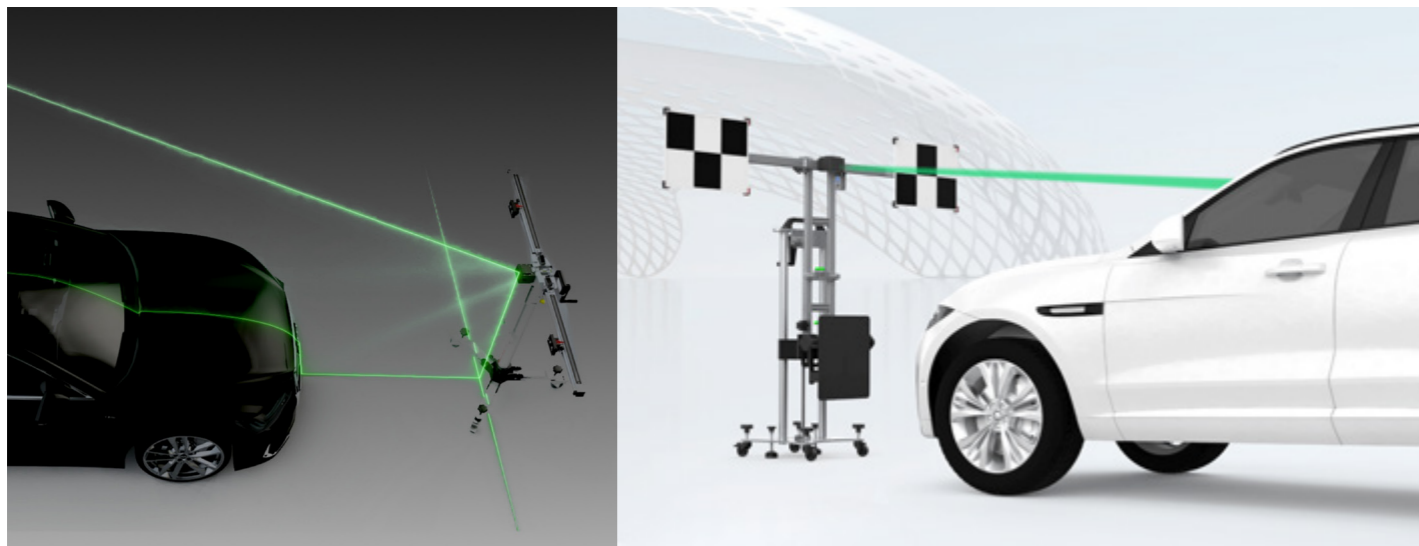
APPLICATION SCENARIO

Calibration required while ADAS sensors are disturbed.

Most ADAS sensors including; cameras, radars, LiDar modules, or ultrasonics. Have been quickly become standard equipment in today's vehicles. With added technology, comes additional requirements to standard repairs. An ADAS Re-calibration, is a precise aiming procedure to ensure these sensors are functioning to the best of their abilities after repairs are completed. Launch Tech USA is striving to accommodate these required procedures, with the leading edge equipment with the Technician in mind

Some repairs that will require ADAS Recalibrations:

1. Windshield Replacement
2. Collision damage requiring panel replacement.
3. Module Replacement
4. Chassis Alignment.
5. Structural repairs to the vehicle.



ABOUT ADAS CALIBRATIONS

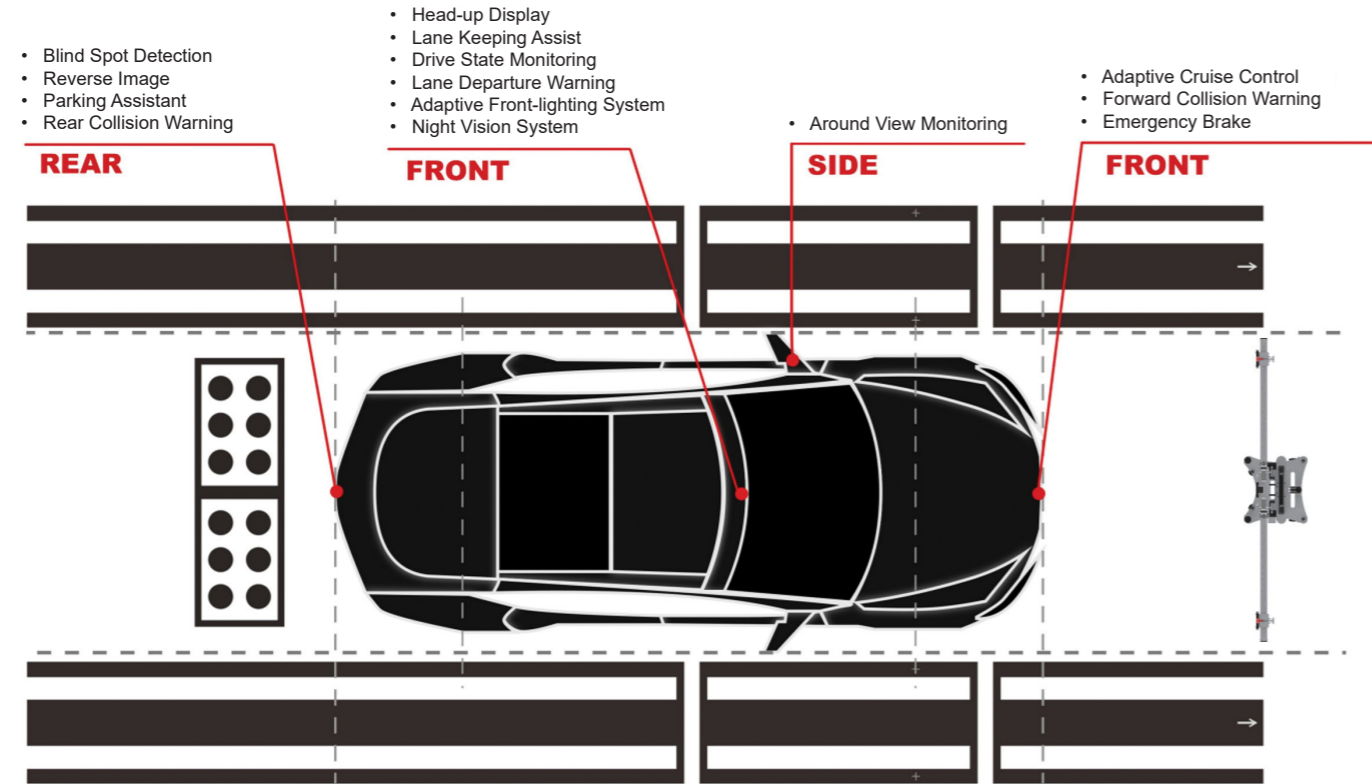
STATIC CALIBRATIONS

It is performed by an ADAS calibration tool frame and targets. A static calibration requires professional diagnostic software with a scan tool to fulfill the calibration procedures. Before a static calibration, the work station should prepare a standardized area to get started. If not a qualified work area in normal conditions, it will affect the accuracy of the calibration.

DYNAMIC CALIBRATIONS

Doesn't require targets or controlled shop space, but rather learns as the vehicle is driven. To complete this procedure, a professional level diagnostic scan tool is required to start the test, and monitor the completion status. Primarily associated with Domestic vehicles, but is also seen with select imports. Most notably BMW, Land Rover, Range Rover, Jaguar, Mazda, and Hyundai/Kia.

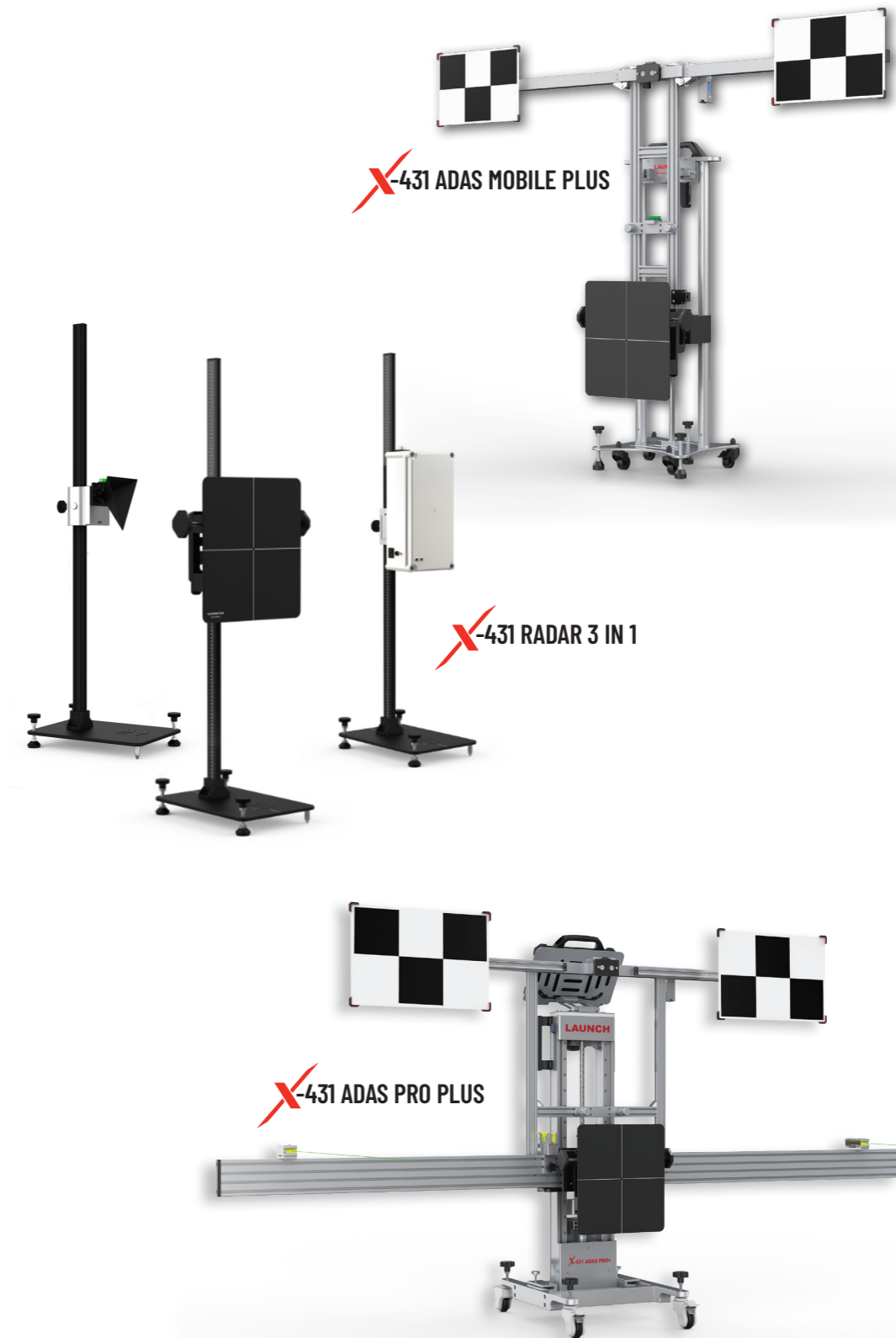
RECOMMENDATION SIZE: 5M X 9M



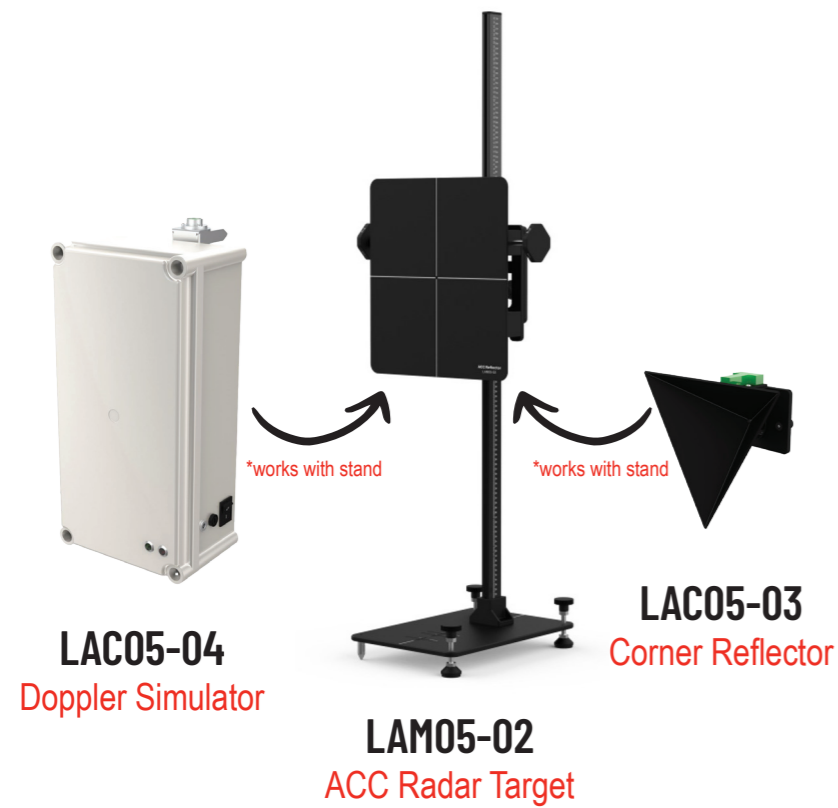
MAKE SURE THE VEHICLE IS PARKED WITH ALL WHEELS **ON AN EVEN FLOOR SURFACE.**

✓	
✗	
✗	
✗	

ADAS CALIBRATION TOOLS



TARGETS



COMING WITH A PROTECTIVE BAG

Three-in-one package for calibrating radar systems in Euro, Asian, and U.S. vehicles: compact, lightweight, and user-friendly.



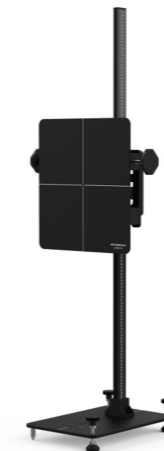
LAC05-04
Doppler Simulator

CALIBRATION SYSTEMS:

LCA (Lane Change Assist)
FCR (Front Corner Radar)

VEHICLE COVERAGE:

Volkswagen, Audi, Škoda, Seat, Mazda, etc.



LAM05-02
ACC Radar Target

CALIBRATION SYSTEMS:

ACC (Adaptive Cruise Control)

VEHICLE COVERAGE:

Mercedes-Benz, BMW, Audi, Volkswagen, Porsche, SKODA, Seat, Romeo, MINI, Bentley, Rolls-Royce, Maserati, FIAT, Jeep, Nissan, Mitsubishi, Suzuki, Infiniti, Hyundai, Kia, BYD, GEELY, CHERY, etc.



LAC05-03
Corner Reflector

CALIBRATION SYSTEMS:

ACC (Adaptive Cruise Control)
BSD (Blind Spot Detection)

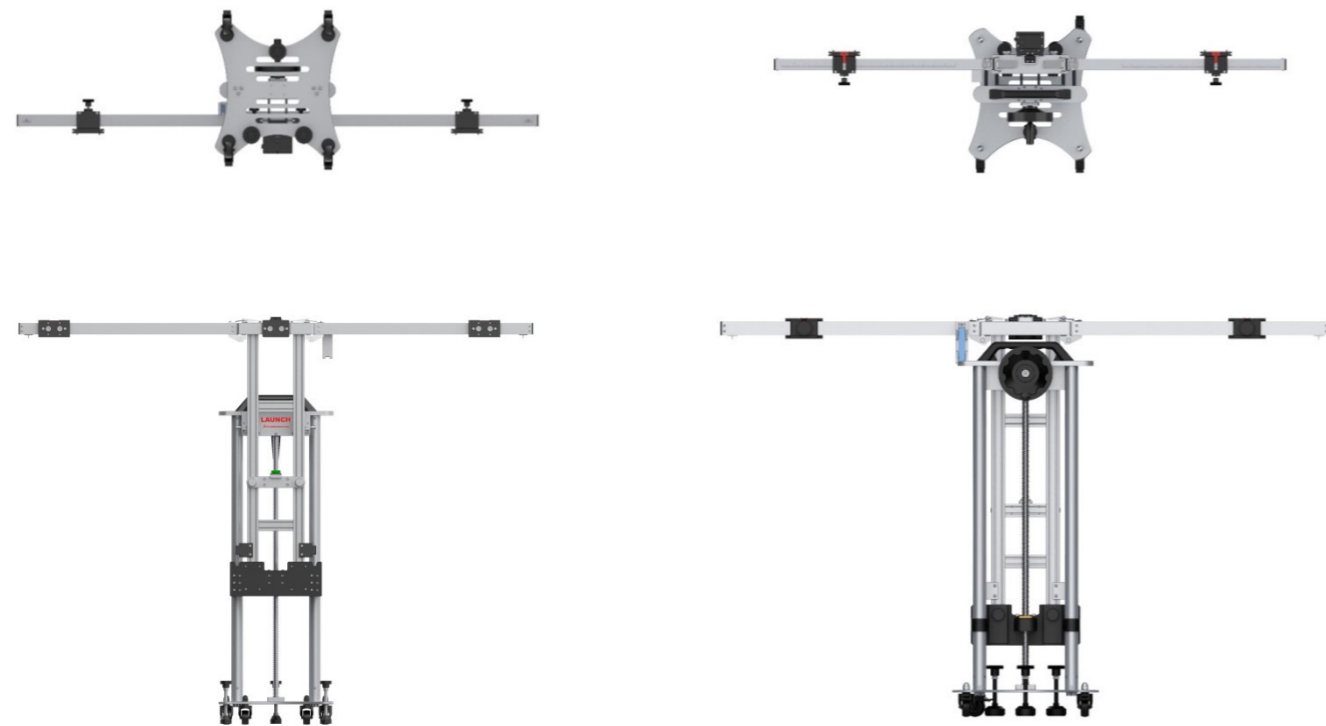
VEHICLE COVERAGE:

Toyota, Lexus, Honda, Acura, Mazda, Subaru, Mitsubishi, etc.



MAKE SMART ADAS CALIBRATION EVEN SMARTER

VIEWPOINTS



ALL VIEWS OF EACH ANGLE

The design sketch images are for reference purposes only. The actual product details may vary, according to the physical goods upon shipment.

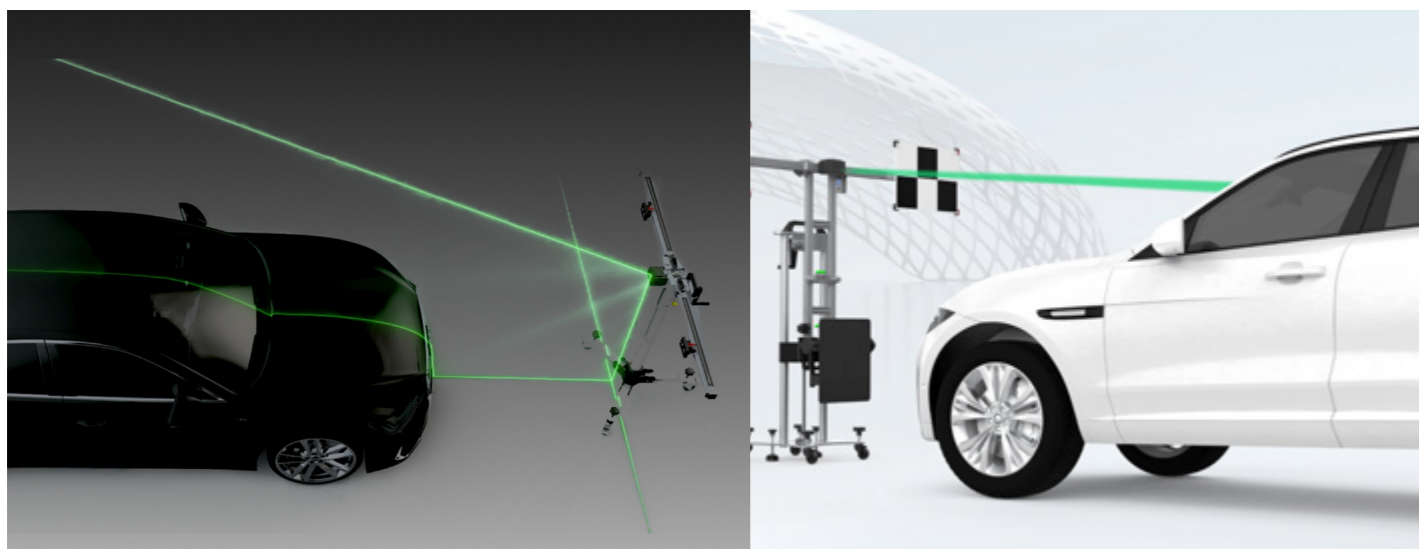


FOLDABLE DESIGN

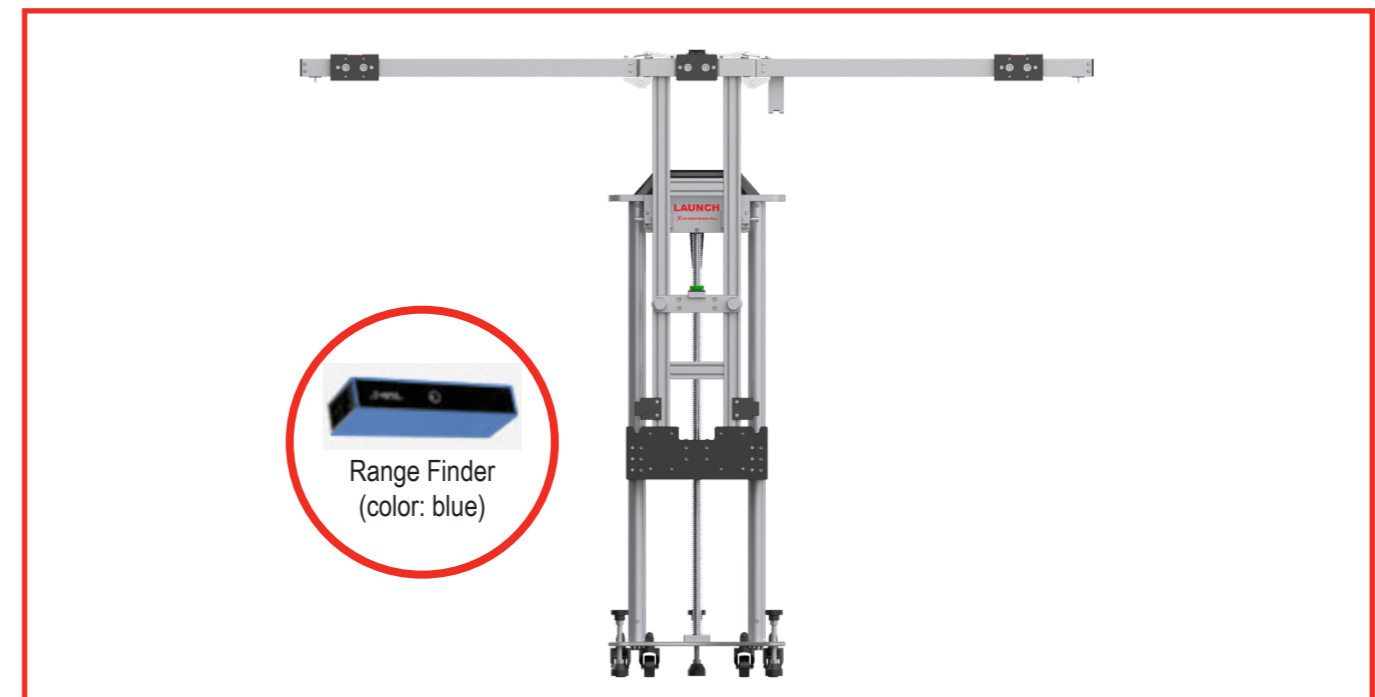
Supports beam folding for pressure-free storage, tailored for workshops with space constraints, ensuring portability and convenience without compromising on functionality.

FEATURES

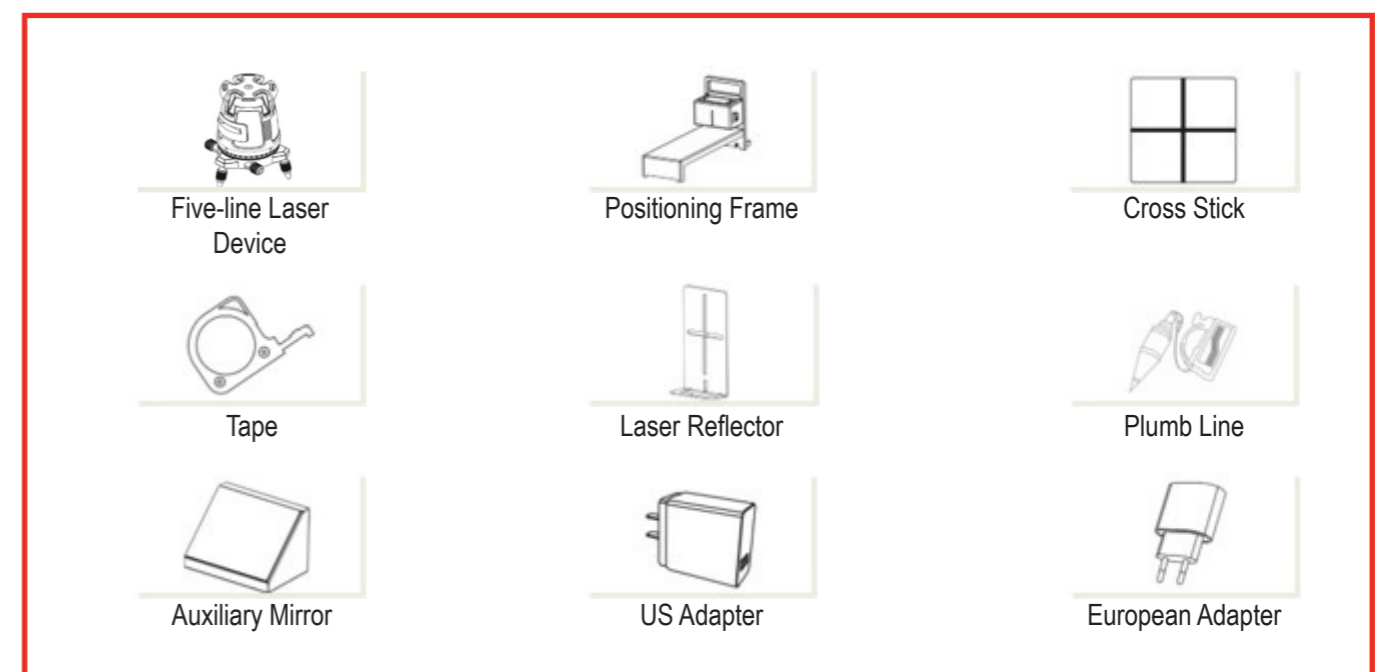
- **Minimalist & Detachable Laser**
A single person can operate the tool to complete calibration workflows.
- **Multiple ADAS Systems Calibrations**
Supports LDW/ACC/AVM/NVS/BSD/RCW...
- **Wide Vehicle Coverage**
Supports more than 95% of the models with ADAS systems globally.
- **Step-By-Step Operating Instructions**
The ADAS service software in an X-431 diagnostic tool offers step-by-step calibration guidance.
- **Device Elevation**
Supports manual elevation adjustments using a laser rangefinder for precise height positioning.
- **Parallel Alignment**
Achieve device parallel alignment auxiliary accessories like alignment assist lines.
- **Level Adjustment**
Observe the bubble level, adjust the base knob, and achieve device leveling.



MAIN UNIT



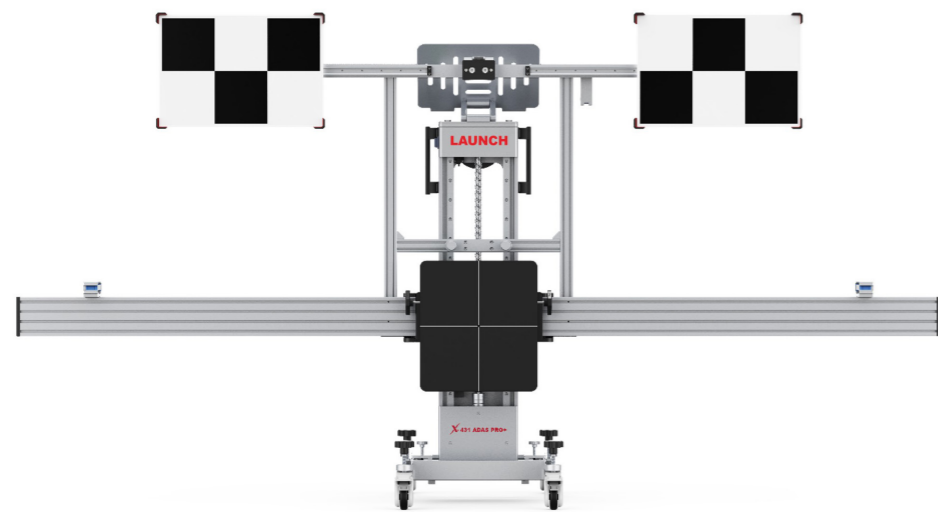
ACCESSORIES



X-431 ADAS MOBILE PLUS **BASIC CONFIGURATION** = MAIN UNIT + ACCESSORIES

MAKE SMART ADAS CALIBRATION EVEN SMARTER

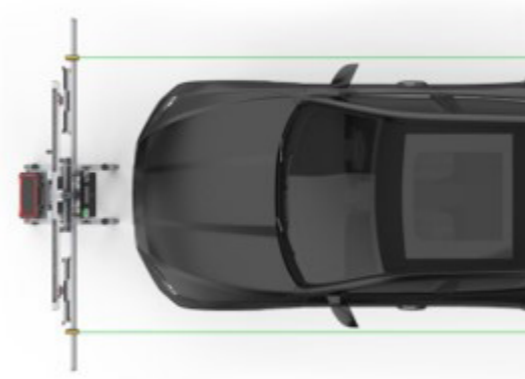
VIEWPOINTS



ULTRA-HIGH PRECISION



FAST POSITIONING



EASY TO USE



FEATURES

- **Minimalist & Detachable Laser**
Including level, front and back, right and left adjustment. No need to move the device tediously, centering and paralleling in 1 minute.
- **2 Ways Adjustable**
The beam supports electric lifting and manual adjustment for fast and portable operation.
- **Laser Finder**
Use millimeter precision laser range finder to measure distance without a tape measure.
- **Wide Vehicle Coverage**
Supports more than 95% of the models with ADAS systems globally.
- **Step-by-step Operating Instructions**
The ADAS service software in an X-431 diagnostic tool offers step-by-step calibration guidance.

THE VEHICLE COVERAGE LIST IS CONTINUOUSLY GETTING UPDATED

VEHICLE COVERAGE FOR EUROPEAN BRANDS

Mercedes-Benz, BMW, Audi, Volkswagen, Land Rover, Jaguar, Volvo, Fiat, Opel, Seat, Skoda, Renault, Citroen, Smart, Mini, Peugeot, Porsche, Romeo, etc.

VEHICLE COVERAGE FOR ASIAN BRANDS

Kia, Hyundai, Toyota, Lexus, Honda, Acura, Nissan, Infiniti, Mitsubishi, Subaru, Suzuki, Daihatsu, Mazda, JAC, SGMW, Baic, BYD, Haval, Chery, Lynk&Co, etc.

VEHICLE COVERAGE FOR AMERICAN BRANDS

Tesla, GM, Ford, Chrysler, Buick, Cadillac, Chevrolet, Dodge, Jeep, Lincoln, etc.

APPLICABLE SCAN TOOLS:



NOT LIMITED FOR TARGETS MENTIONED HERE.
MOST OF THE ADAS SYSTEMS CALIBRATIONS ARE SUPPORTED.



FULL NAMES OF SOME ADAS SYSTEMS

- **LDW**
Lane Departure Warning System
- **ACC**
Adaptive Cruise Control
- **BSD**
Blind Spot Detection
- **RCW**
Rear Collision Warning
- **NV**
Night Vision System
- **AVM**
Around View Monitor System
- **LKA**
Lane Keeping Assist System
- **AFS**
Adaptive Front-Lighting System
- **APA**
Advanced Parking Assist
- **AEB**
Autonomous Emergency Braking
- **FCW**
Forward Collision Warning
- **TSR**
Traffic Sign Recognition
- **PPS**
Pedestrian Protection System

X-431 ADAS MOBILE PLUS

ACCESSORIES




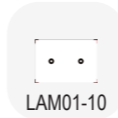
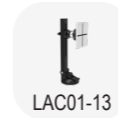

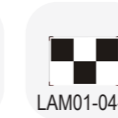
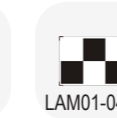
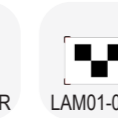
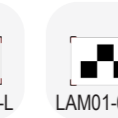
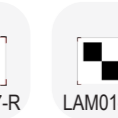
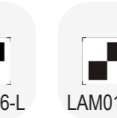



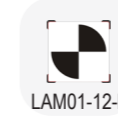
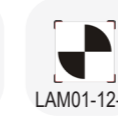







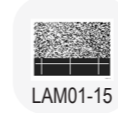
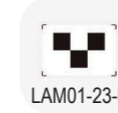
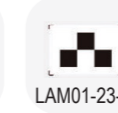
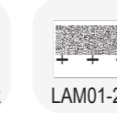
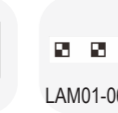
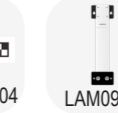


Main Unit

-  Tape-10m
-  Five-line Laser Device
-  Laser Reflector
-  Auxiliary Mirror
-  L-shaped Positioning Bracket
-  Plumb Line

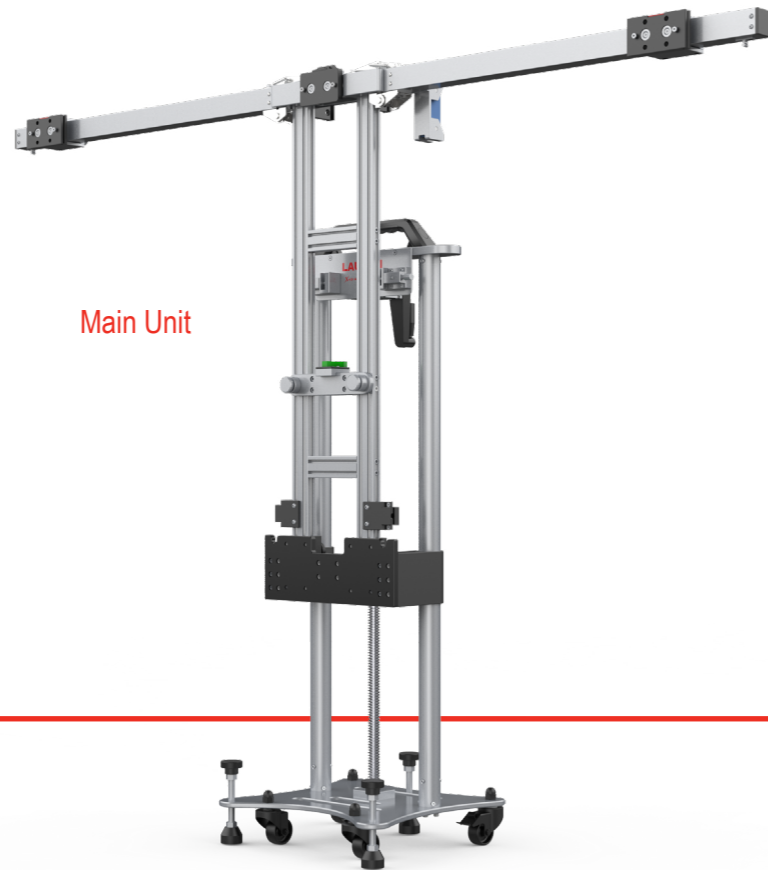


Main Unit

LDW TARGETS

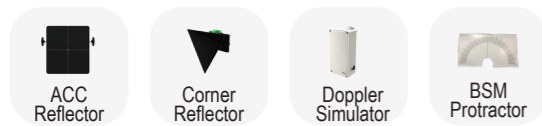
- | | | | | | | | | | |
|--|--|--|--|--|--|---|--|--|--|
|  LAM01-01 |  LAM01-10 |  LAC01-13 |  LAM01-20 |  LAM01-04-L |  LAM01-04-R |  LAM01-07-L |  LAM01-07-R |  LAM01-16-L |  LAM01-16-R |
|  LAM01-06-1 |  LAM01-06-2 |  LAM01-06-3 |  LAM01-12-L |  LAM01-12-R |  LAM01-17 |  LAM01-18-L |  LAM01-18-R |  LAM01-19-L |  LAM01-19-R |
|  LAM01-02 |  LAM01-09 |  LAM01-15 |  LAM01-23-L |  LAM01-23-R |  LAM01-21 |  LAM01-06-04 |  LAM09-08 |  LAM09-09 |  LAM01-25 |

ACCESSORIES

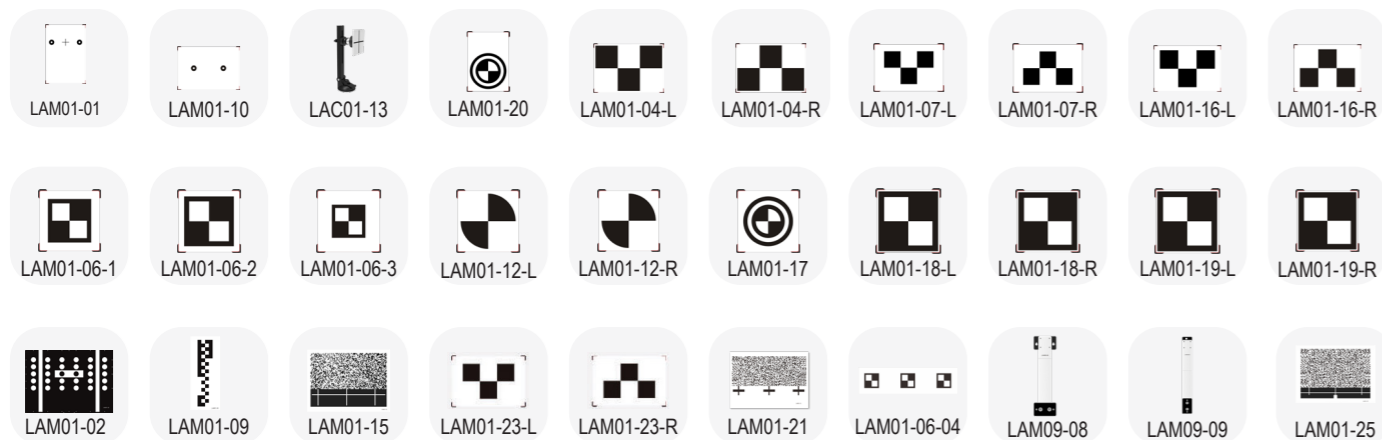


Main Unit

RADAR TARGETS



LDW TARGETS

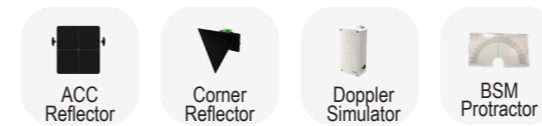


ACCESSORIES

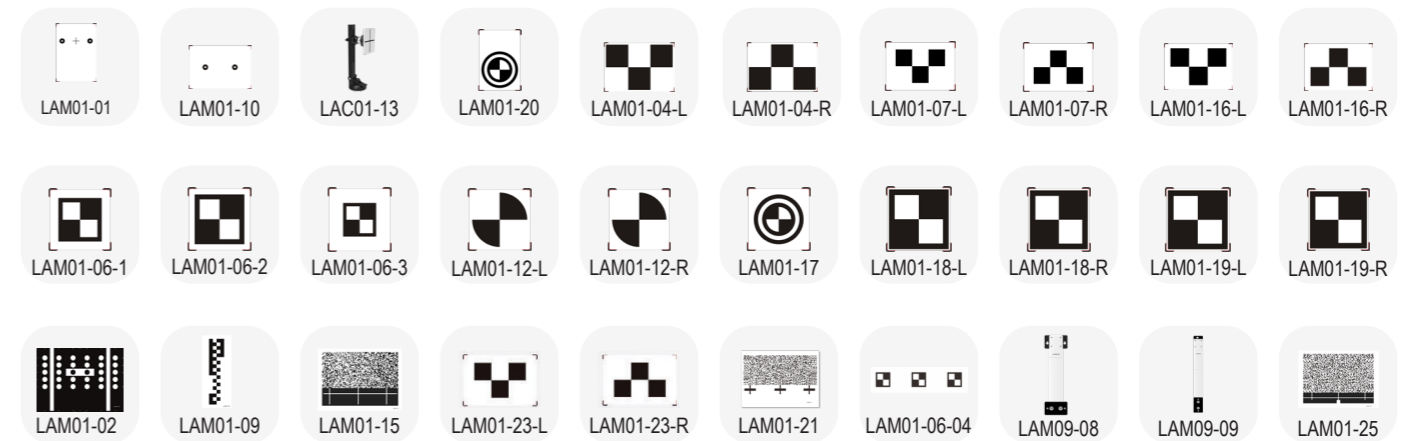


Main Unit

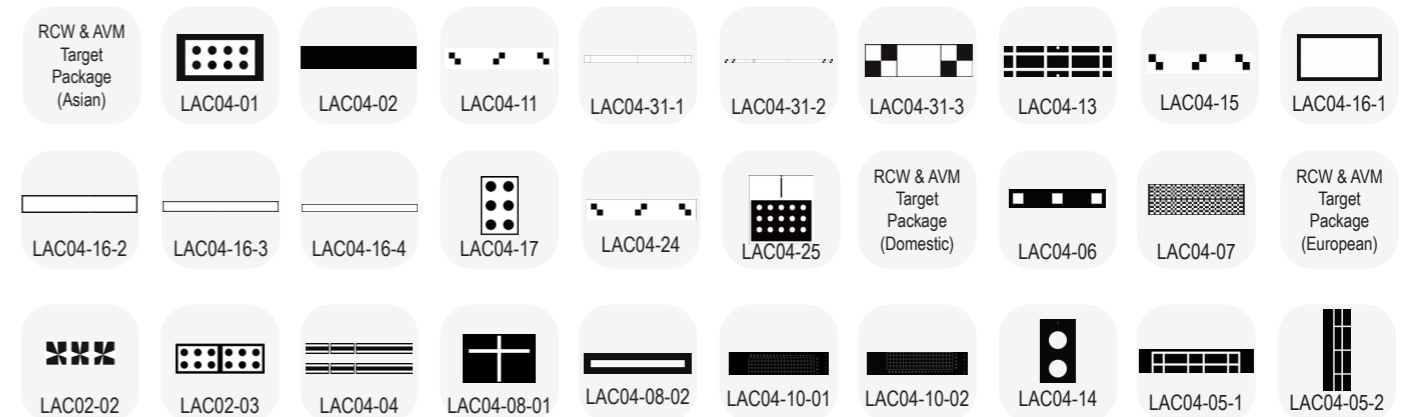
RADAR TARGETS



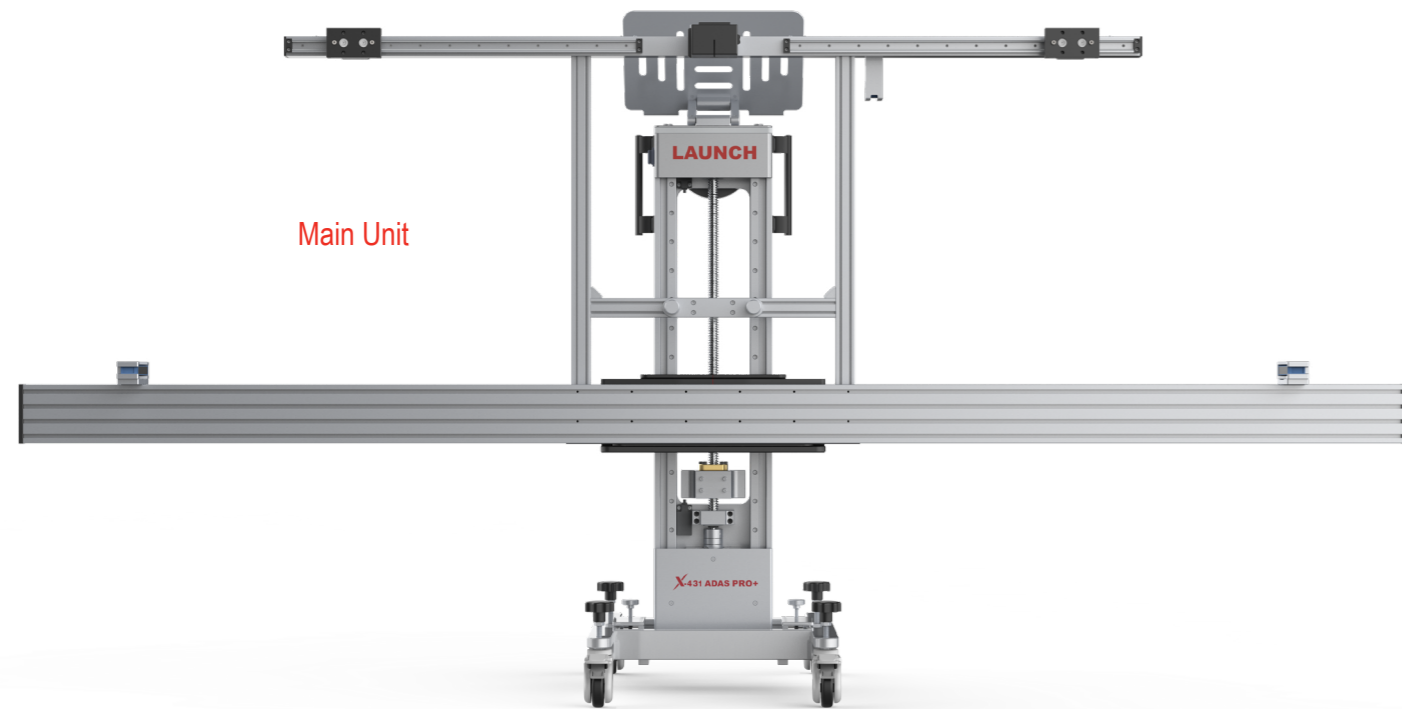
LDW TARGETS



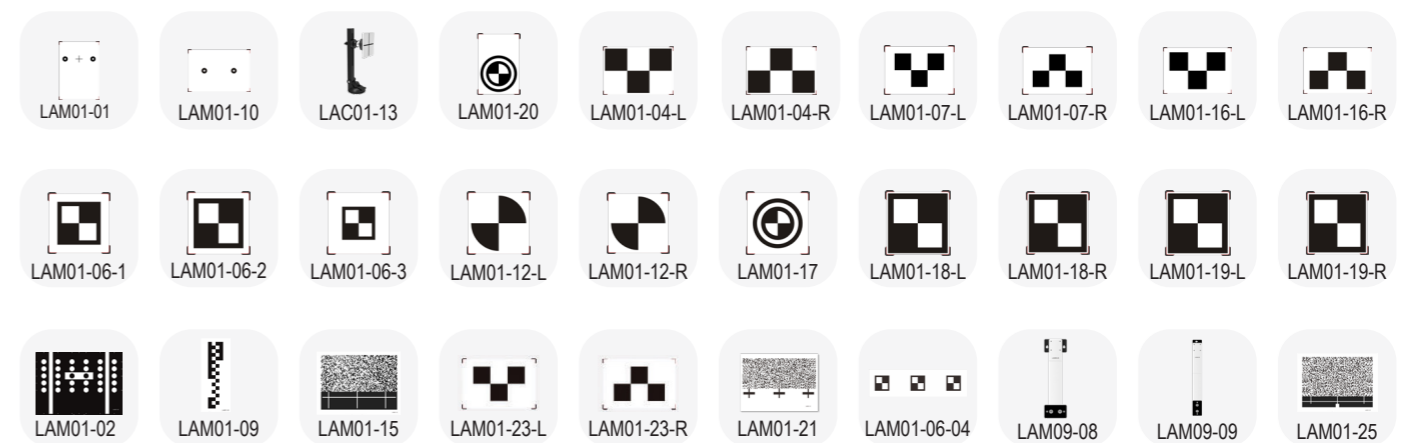
PREMIUM TARGETS



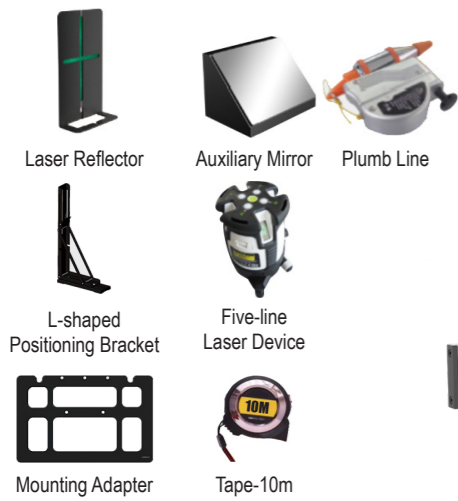
X-431 ADAS PRO PLUS



LDW TARGETS



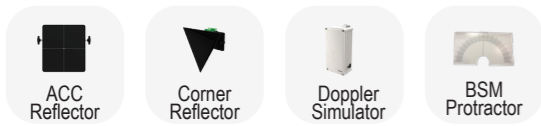
ACCESSORIES



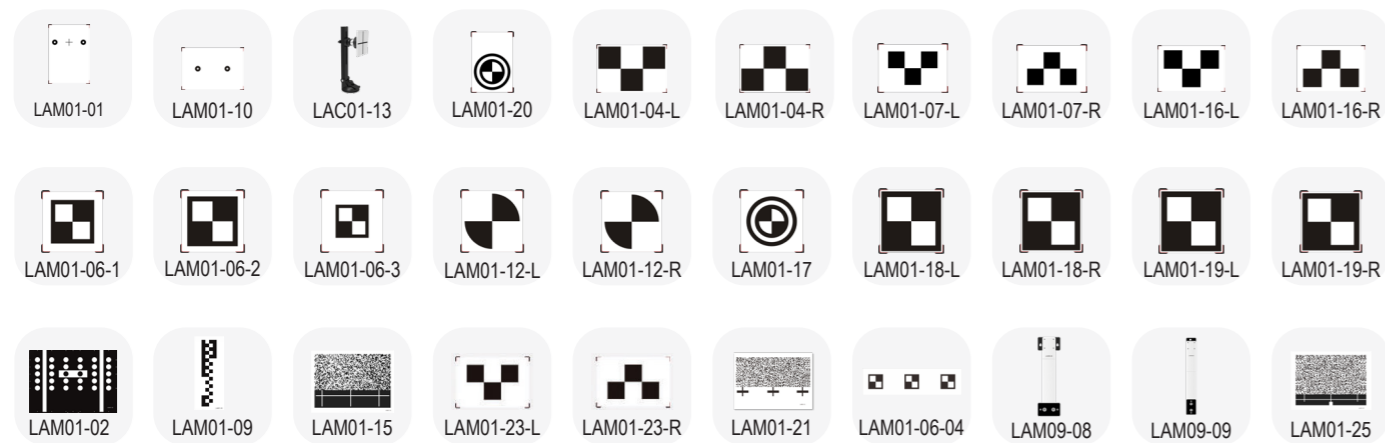
ACCESSORIES



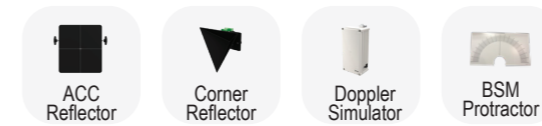
RADAR TARGETS



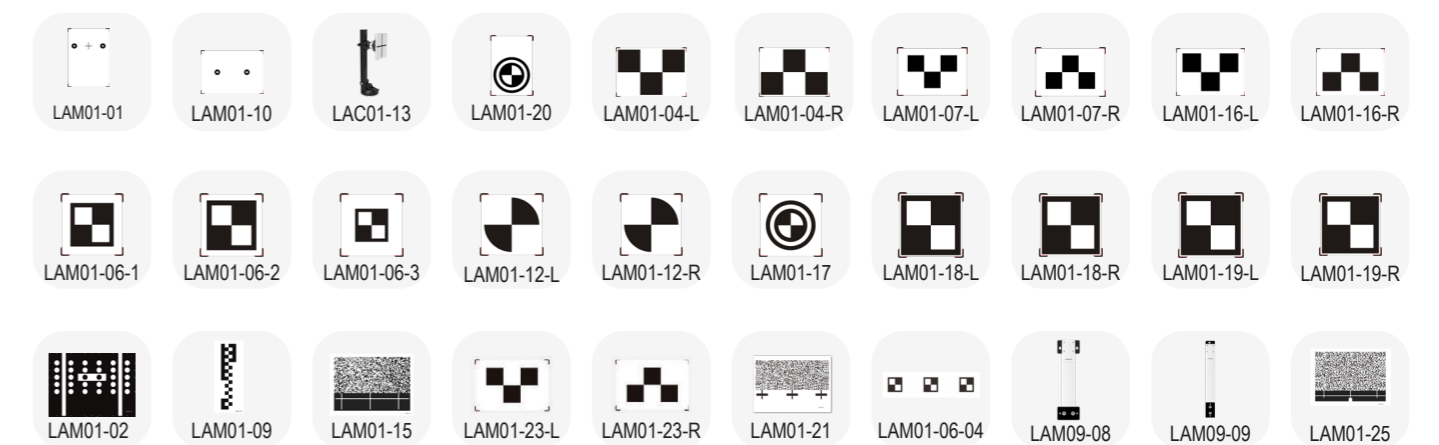
LDW TARGETS



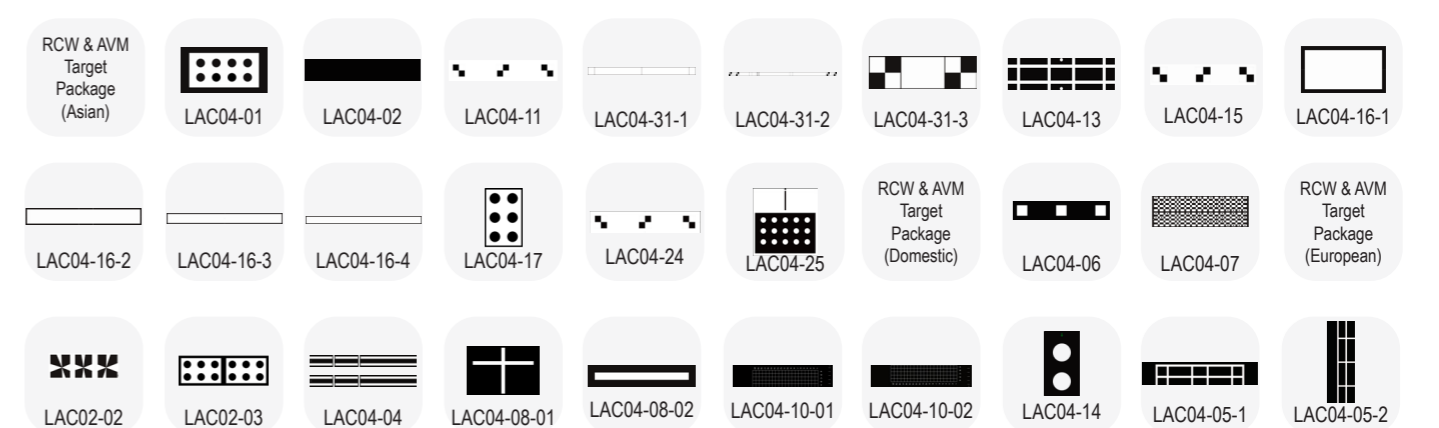
RADAR TARGETS




LDW TARGETS





PREMIUM TARGETS (BELOW)




X-939 ALL-IN-ONE SOLUTION FOR ADAS CALIBRATION AND FOUR-WHEEL ALIGNMENT

 ADAS automatic parallel and centering

 Dual-screen operation, two-way control

 Target automatically finding and tracking

 Compatible with ADAS series targets

FEATURES

- **Integrated ADAS Calibration:** Equipped with 4 high-resolution cameras and 4 precision motors, the system completes ADAS calibration and parallel alignment quickly and accurately.
- **Automatic Target Tracking:** The system automatically detects, tracks, and positions ADAS targets to the correct height and alignment angle.
- **High-Precision Motion Control:** Four-axis stepper motors handle forward/backward, lateral, rotational, and lifting movements with precise accuracy.

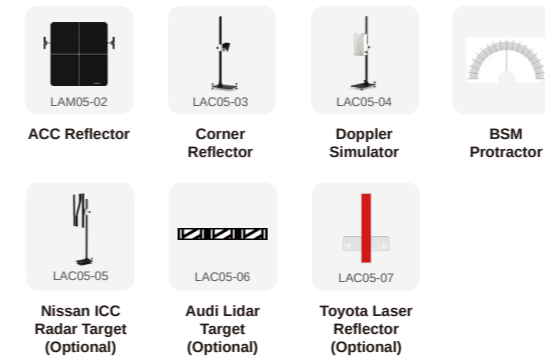
- **Real-Time Self-Calibration:** Built-in self-calibration ensures consistent accuracy between cameras and motion modules without manual adjustment..
- **Dual-Screen, Two-Way Control:** Supports both a 24" high-definition display and diagnostic tablet. Screens can be synchronized for easier operation and flexibility.

SPECIFICATIONS

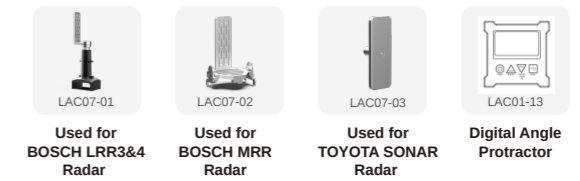
Rated Power: 260W
Power Supply: 100–264V AC, 50/60Hz
Recommended Working Distance (Wheel Alignment): 71"–87" (1.8–2.2 m)
Main Frame (Folded Dimensions, L×W×H): 59" × 35" × 76" (1500 × 900 × 1920 mm)
Operating Temperature: 14°F to 122°F (–10°C to +50°C)
Storage Temperature: –4°F to 140°F (–20°C to +60°C)



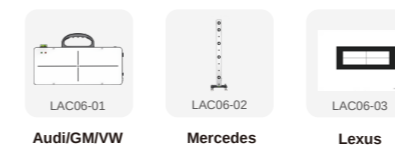
Radar Targets



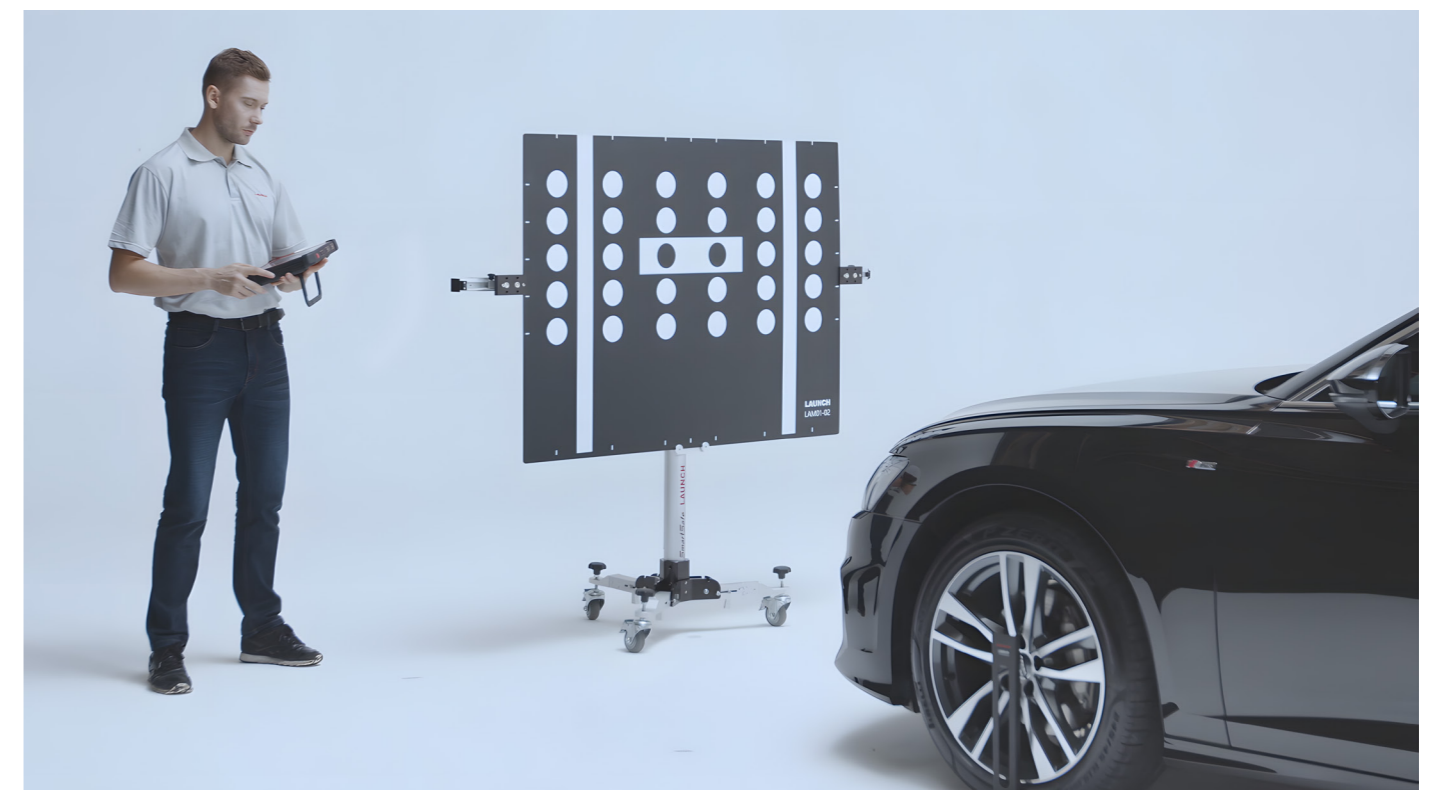
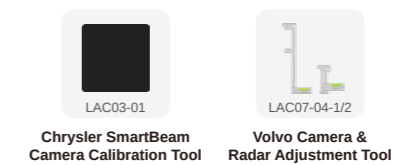
Radar Level Alignment Tool



NV Targets



Parts



TARGETS FOR REFERENCE ONLY Please confirm when ordering.


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