

PHOENIX ADAS MOBILE PRODUCT PROFILE

TOPDON®



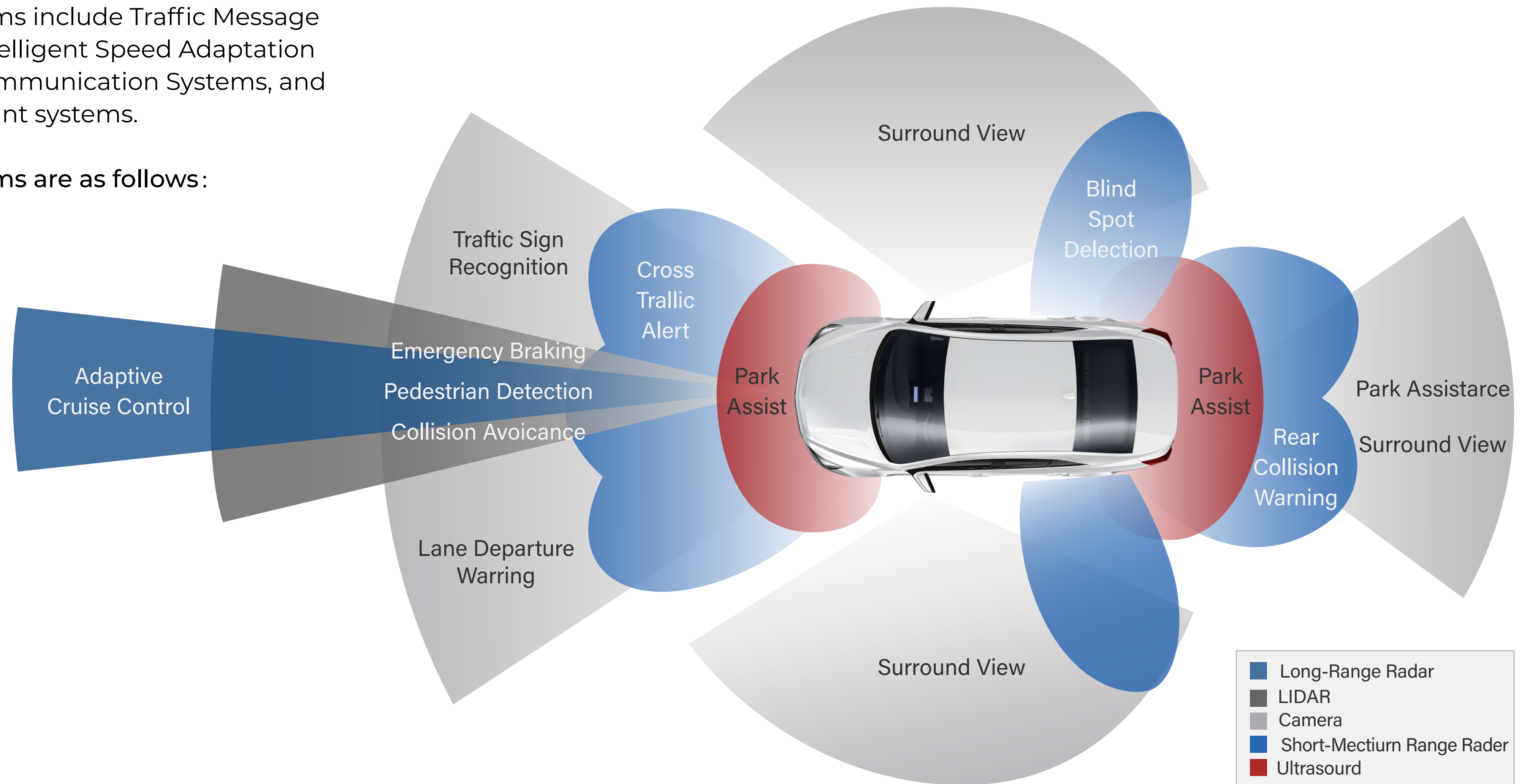
WHAT IS ADAS?

- The Advanced Driver Assistance System (ADAS) uses image processing cameras, radar, light detection, ranging, and other sensors to monitor vehicle surroundings and detect potentially dangerous situations.
- Its purpose is to increase safety through advanced situational awareness and reduce collision possibilities.
- ADAS Sensors include Cameras, Radar, LiDAR, Night Vision, and Ultrasonic sensors. These sensors work with other vehicle systems to monitor the vehicle's state, motion, and stability. Usually, these sensors are located in the

WHAT ARE THE APPLICATIONS OF ADAS?

- Most ADAS systems include Traffic Message Channel (TMC), Intelligent Speed Adaptation (ISA), Vehicular Communication Systems, and other driver assistant systems.

The specific systems are as follows:



TYPES OF SYSTEMS

Passive Assist Systems

- Passive ADAS systems monitor the environment around the vehicle. These systems warn the driver through lights, message centers, audible beeps and/or deliberately vibrating parts of the car, like the seats, steering wheel, brake pedals, or even the seat belts.
- Passive systems will also

TYPES OF SYSTEMS

Active Assist Systems

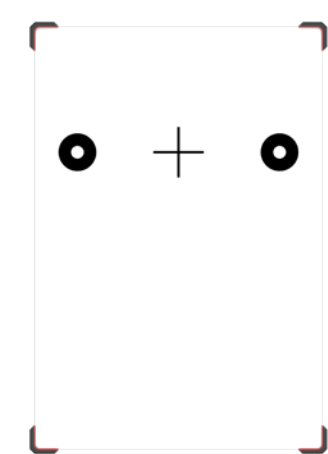
- Active ADAS systems will slow, stop or turn the vehicle from an object or situation (like lane departure) using the electronic power steering module, electronic braking, ABS modules, and throttle controls in the Powertrain Control Module (PCM). Active Assist Systems can also use sensors to park

SPECS

The Phoenix ADAS Mobile comes safely packaged in a Wooden Case

Measurements	3.8*3.6*2.0 (inch)
Weight	308lb/140kg
Package includes	The ADAS Mobile, main case

LDW Targets (Small Targets)



BenzLAM
01-01

(LAC04-13) Mitsubishi AVM Panels, AVM

Coverage:
Alfa Romeo

Package Size:
1032*146*80mm (55*2*39 inch)

Q If I Want to Add individual Targets later, are They Available for Purchase?

A

- Yes, the specialty fixtures, existing targets, and new vehicle coverage targets are available for individual purchase.

Q Do I Need Someone to Assemble and/or Set Up the Calibration Frame?</

