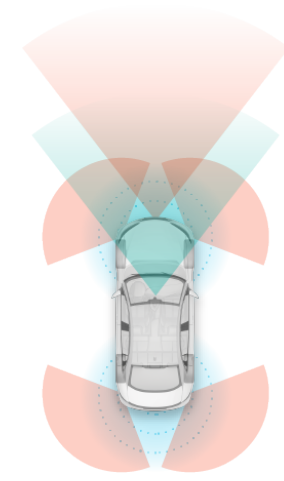
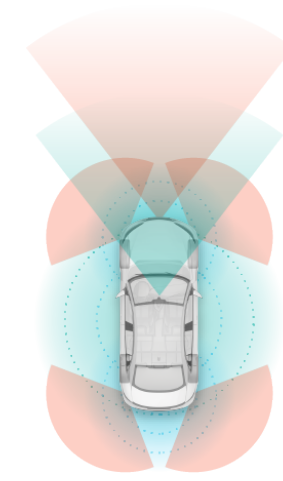


Scalable Software and Hardware Architecture

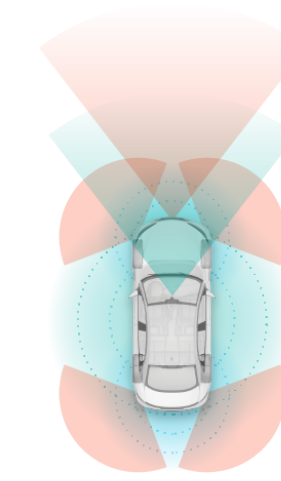
PLATFORM ARCHITECTURE THAT ENABLES EXPANSION OF SENSORS, COMPUTE AND FEATURES



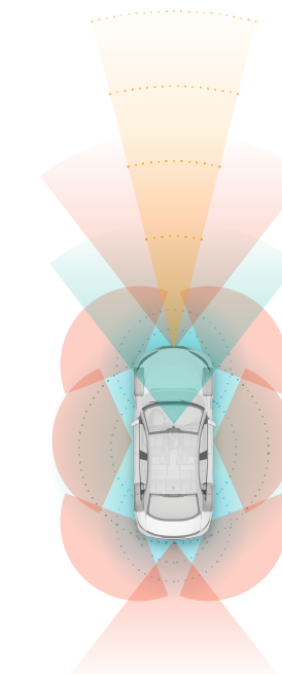
CORE



PLUS



PRO



ULTRA

SYSTEM CAPABILITIES

EURO NCAP	1-4 Star	4-5 Star	4-5 Star	5 Star
DRIVER ENGAGEMENT	Up to L0-L2 (Hands-On)	Up to L2+ (Hands-Off)	Up to L2++ (Hands-Off)	Up to L3 (Eyes-Off)
ODD	All roads	Highway	All roads	Highway
PARKING	L0 Parking	L0-L2 Parking	L0-L2+ Parking	L0-L3/L4 Parking

TECHNOLOGY

ADAS SOFTWARE	Safety and Base Convenience Features Containerized OTA Updatable	L2+ Hands-Off Highway Policy Automatic Lane Change Safety and Base Convenience Features Containerized OTA Updatable	L2+ Hands-Off All-Roads Policy ML-Assisted Driving Policy Automatic Lane Change Safety and Base Convenience Features Containerized OTA Updatable	L3 Eyes-Off Highway Policy L2+ Hands-Off All-Roads Policy ML-Assisted Driving Policy Automatic Lane Change Safety and Base Convenience Features Containerized OTA Updatable
PERCEPTION SOFTWARE	Radar + Vision + Fusion	HD/ADAS Map Radar AI/ML Radar + Vision + Fusion	Multi-Modal Localization HD/ADAS Map Radar AI/ML Radar + Vision + Fusion	Radar + Vision + Lidar + Fusion Multi-Modal Localization HD/ADAS Map Radar AI/ML
MIDDLEWARE/OS	Wind River VxWorks Aptiv Middleware, AUTOSAR	Wind River VxWorks Aptiv Middleware, AUTOSAR	Wind River VxWorks Aptiv Middleware, AUTOSAR	Wind River VxWorks Aptiv Middleware, AUTOSAR
COMPUTE	Hosted in Camera	L0-L2 Redundancy Hosted in Camera ADAS Compute Platform	L0-L2 Redundancy Hosted in Camera ADAS Compute Platform	2x ADAS Compute Platform
SENSORS	1x Smart Camera 0-4x Corner Radar(s) 1x Front Radar (Optional) Surround View Camera(s) (Optional) 8-12x Ultrasonic Sensors	1x Smart Camera 4x Corner Radars 1x Front Radar 4x Surround View Cameras 8-12x Ultrasonic Sensors GNSS/IMU	1x Smart Camera 4x Corner Radars 1x Front Radar 4x Surround View Cameras 8-12x Ultrasonic Sensors GNSS/IMU	2x Satellite Cameras 2x Side Radars 1x Rear Radar 4x Corner Radars 1x Front Radar 4x Surround View Cameras 8-12x Ultrasonic Sensors