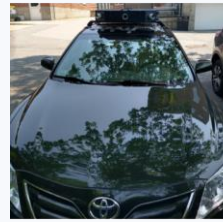


AI-DRIVEN DATA ACQUISITION & REFERENCE PERCEPTION PLATFORM FOR ADAS, ADS, & AUTONOMOUS VEHICLES

Better Data. Better AI. Safer Autonomous Systems.

Platform Overview

RoadSense360™ is BlueFusion's AI-driven multi-sensor data acquisition and reference perception platform designed to accelerate the development, validation, and deployment of next-generation ADAS, ADS, and autonomous vehicle technologies. Built around synchronized high-resolution cameras, GPS, IMU, vehicle telemetry, and edge AI computing, **RoadSense360™** enables organizations to efficiently collect high-quality driving datasets while simultaneously generating reference perception outputs for algorithm development, benchmarking, and validation.



Choose the RoadSense360™ Configuration That Matches Your Fleet

Three Configurations | One Platform | Research and Development to Production

Features	Professional	Advanced	Enterprise
Exterior Cameras	5	6	10
Interior Cameras	1	2	2
Resolution	6 MP	6 MP	6 MP
GPS / IMU / Audio / OBD-II	✓	✓	✓
Local Data Storage	Up to 30 Days*	Up to 15 Days*	Up to 7 Days*
Target Users	Research Labs	ADAS/ADS/AV Startups	OEMs & Tier-1s
Business Model	Purchase or Subscription	Purchase or Subscription	Enterprise Licensing

* Depends on frame rate, resolution, and hours of operation per day.

How RoadSense360™ Accelerates ADAS, ADS, and AV Technology Development

Development Challenge	RoadSense360™ Solution
Limited driving datasets	Multi-sensor synchronized and fused data collection
Difficult ground truth generation	AI-assisted reference perception
Sensor synchronization	Frame-level synchronized data acquisition
Long data collection cycles	Rapid deployment platform
Expensive custom vehicles	Portable installation without vehicle modification
Data quality inconsistencies	Automated multi-sensor data quality monitoring
Vendor lock-in	Open architecture
High cloud costs	Locally stored data with edge AI processing
Research and development scalability	Fleet-based data acquisition



BlueFusion Inc.

Autonomous and Intelligent Sensing Platforms for ADAS, ADS, and Autonomous Mobility



Schedule a Demo. See RoadSense360™ in Action

sales@bluefusion.tech
bluefusion.tech/roadsense360

Product features, specifications, performance, configurations, and availability are subject to change without notice.

AI-DRIVEN DATA ACQUISITION & REFERENCE PERCEPTION PLATFORM FOR ADAS, ADS, & AUTONOMOUS VEHICLES

Better Data. Better AI. Safer Autonomous Systems.

Research and Development Applications

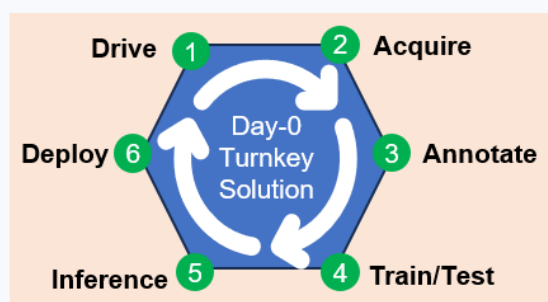
Data Acquisition	Reference Perception	Validation & Testing	AI Development
ADAS dataset collection	Vehicle detection	Algorithm benchmarking	Object detection training
ADS and AV datasets	Lane detection	Regression testing	Multi-camera fusion
Highway data collection	Traffic sign detection	Performance evaluation	Sensor fusion
Urban driving datasets	VRU detection	Ground truth generation	Machine learning datasets
Low-speed datasets	Road marking detection	Scenario replay	AI model validation
Fleet-based datasets	Scene understanding	Safety validation	Large-scale datasets

Customer Segments

Automotive Industry	AV Industry	Research Labs	Commercial/Startups
Passenger Vehicles	AV Developers	Industry Labs	Sensor Fusion & Perception
Commercial Vehicles	Autonomous Trucking	University Labs	Motion Planning
Tier-1 Suppliers	Delivery Robots	National Labs	Fleet Operators
Systems Integrators	Mining Automation	Regulatory Agencies	Infrastructure Operators

It's The Perfect Time to Accelerate Autonomous Driving Development

Better data | Better AI | Validate perception algorithms | Reduce development time | Deploy with confidence



Why Organizations Choose RoadSense360™

Key Differentiators	What Sets RoadSense360™ Apart
Data to Perception	Capture synchronized raw data with inference and perception outputs.
Customizable Platform	Enables integration of your own algorithms, models, and workflows.
AI at the Edge	Runs perception and data analytics directly on the vehicle.
Multi-Sensor Synchronization	Time-aligns cameras, GPS, IMU, and vehicle telemetry.
Portable & Scalable	Deploy on any vehicle and scale to multi-vehicle campaigns.

BlueFusion Inc.

Autonomous and Intelligent Sensing Platforms for ADAS, ADS, and Autonomous Mobility



Schedule a Demo. See RoadSense360™ in Action

sales@bluefusion.tech
bluefusion.tech/roadsense360

Product features, specifications, performance, configurations, and availability are subject to change without notice.

