

## Product Output

Category	Output
Point	Ground, Lane, Guardrail, Object
Object	Tracking point
	Bounding box
	Contour
	Type (Vehicle, Car, Truck, Pedestrian, Cyclist, Unknown)
	Velocity
Target Object	Info. of 'Object'
	Cut-in state
	In-path state
	Blind-spot state
Road Information	Left/Right lane info.
	Ground profile
	Guardrail contour
	Traffic sign contour (TBD)

## Computational Complexity

Development Environments		Calculation Speed
Point # of Sensor (per frame)	Processor	
120,000	1 Core 2.80GHz (Intel i7)	25ms (40Hz)
	1 Core 1.43GHz (ARM A57)	75ms (13Hz)

## Development Language

Development Tool	Detail
Base Language	C Language
Open Library	Only view - OpenCV, OpenGL
Standard	MISRA-C Guideline