Brodmann17

Accelerating AI adoption to make fleets smarter

Brodmann17 is developing (and already shipping) an ADAS software that is powering fleet dash-cameras.

Brodmann17 ADAS solution is based on Deep Neural Network (DNN) technology, which is the most efficient solution today (20x vs. other solutions), developed in-house.

Brodmann17 software operates on any dash-cam, supporting any combination of camera and processor, offering best-in-class computer vision capabilities for telematics service providers.

Detectors	Item	Specifications
Vehicles	Class types	Passenger cars, Trucks, Motorcycles, Vans
	3D vehicle detection	Full 3 dimentional detection
	Maximum detection distance	130 meters
	Maximum relative speed	0-150kph
VRUs	Class types	Pedestrians, Cyclists
	Maximum detection distance	70 meters
	Pedestrian occlusion	20% occlusion
Lanes	Types	Dashed, solid, botts-dots, double
	Color	White, Yellow, Orange, Blue
	Maximum view range	90 meters
	Curvature	100 meters radius
Traffic signs	Speed signs, stop signs	
Traffic lights	Vertical, Horizontal traffic lights	
Certification	NCAP	
Applications	FCW, HMW, LDW, HBA, TSR, TFL, BSD, SVM, Assisted Parking	
Input Resolution	1080p	
Memory	50MB	
Camera setup	HFOV: 50-60, Image Format: RGB/YUV	
Hardware reference	Ambarella CV22/CV25, Qualcomm Snapdragon, Samsung Exynos,NXP 32v234	

For more info please contact:

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