Brodmann17

Brodmann17 accelerates the adoption of AI camera for ADAS / Automotive

Brodmann17 offers the next generation of camera perception software solutions for ADAS and Automated Driving. We've developed in house solutions based on DNN, that offer state-of-the-art accuracy utilizing only a fraction of the computing power, making it a vastly more affordable solution for Tier1 suppliers and automakers to utilize.

This patented technology allows the combination of any sensor with any processor, offering best-in-class computer vision capabilities on the rear camera, front camera, and blind-spot cameras across the L1-L3 range.


LOWEST POWER PERCEPTION


AN OPEN PLATFORM


HARDWARE AGNOSTIC


UNCOMPROMISING DEEP LEARNING AI

Features:		
Objects	**Item**	**Specifications**
	Class types	Vehicles ((including Motorcycles and Trucks), pedestrians, cyclists
	Maximum number of detected	10
Vehicles	Maximum detection distance	80m
	Maximum relative speed	0-130kph
VRUs	Maximum detection distance	50m
	Pedestrian occlusion	0-20% occlusion
Lanes	**Item**	**Specifications**
	Types	Dashed, solid, botts-dots, double
	Color	White, yellow, Orange, Blue
	Number of lane lines	2 Ego Lanes
Traffic signs	Sign types	Speed signs, stop signs
Traffic lights	Light types	Vertical, Horizontal
Certification	NCAP	
Applications	FCW, LDW, PCW, TSR, TFL	
Input Resolution	1080p	
Memory	100MB	
Camera setup	FOV: 60-150 RGB/YUV	
Hardware reference	NXP 32v234, Ambarella CV22/CV25, Qualcomm Snapdragon, Samsung Exynos 1-3x ARM	

For more info please contact:

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