AUTOBRAINS

REVERSE ENGINEERING

The Human Perception For Autonomous Driving

Autobrains is an Israeli growth-stage software company in the automotive space founded in 2019. Autobrains provides perception products for ADAS and fully autonomous driving with dramatically superior performance and lower compute requirements vs. market standard.

As the world is rapidly moving to AV, safety has become an issue. Ambitious plans for rapid deployment of fully autonomous cars have run into unexpected problems. After all the excitement, there is frustration. Billions are poured into the industry with very little progress.

Autobrains disrupts how the automotive industry approaches autonomous driving technology with a technology that takes it closer than ever to the human way of driving perception.

Autobrains' technology enables cars to learn, collaborate and interact with the world like humans, without human input. The robust signature-based representation and unsupervised learning capabilities enable a more detailed, comprehensive, and precise interpretation of the car's surroundings – in real time.

These capabilities provide better performance, at 40% less cost and 10x less energy consumption.

Backed by more than 250 patents and 10 years of cutting-edge research, our approach disrupts the way the automotive industry approaches AI. Our team includes engineers, neuroscientists, machine learning experts, military intelligence experts, academia, and the automotive industry.