



PRESS RELEASE

Contact: Caster Communications, Inc. at 401.792.7080

AdaSky Debuts New Features of Viper Sensor at CES 2019, Leading the Thermal FIR Sensing Revolution for Autonomous Driving

Driving demonstrations with Viper show breakthrough sensor and computer-vision algorithms at work in autonomous vehicles to detect, segment, and classify pedestrians, vehicles, trucks, bicycles, and motorcycles

Yokneam, Israel – December 19, 2018 – CES 2019, Westgate Hospitality Suite #1630 – [AdaSky](#), the Israeli startup making far infrared (FIR) technology a mass market solution to enable self-driving cars and vehicles equipped with advanced driver assistance systems to see better and understand more, brings Viper, the smallest, highest-resolution thermal perception camera to CES.

“For FIR technology, it is not a question of if it will make a difference in the industry, but a question of when,” says Yakov Shaharabani, CEO, AdaSky. “We are now in the midst of a FIR revolution, and AdaSky’s Viper is leading the way to bring a high-resolution thermal solution to the automotive industry at a price suitable for mass market use.”

At CES, AdaSky will demonstrate new capabilities of the Viper sensor, showcasing multi-class detection with a vehicle that simultaneously detects and classifies pedestrians, vehicles, trucks, bicycles, and motorcycles. Viper can also detect and segment animals and other objects in the vehicle’s surrounding environment. Leveraging the energy efficient, high-performance compute of the NVIDIA DRIVE platform, Viper is a powerful vehicle perception solution.

From their Westgate suite, AdaSky will be giving exclusive in-vehicle driving demonstrations to showcase the superb image quality of its FIR thermal sensor, which runs on the NVIDIA DRIVE platform to deliver real-time FIR-based perception to autonomous vehicles. Viper passively collects the FIR signal that radiates from objects and other materials and converts it to a VGA video. It then applies AdaSky’s proprietary deep-learning computer-vision algorithms to provide accurate object detection, classification, and scene analysis.

View a side-by-side video of AdaSky’s multi-class detection in action: [Adasky Viper multi class object detection and classification](#)

Contact meetus@adasky.com to schedule a time to experience Viper in an in-vehicle driving demonstration.

About AdaSky

AdaSky leads the FIR revolution by bringing a high-resolution thermal sensor to the automotive market, enabling autonomous vehicles to see better and understand more. AdaSky's founding team is made up of veterans from the semiconductor, thermal sensor, image-processing, and computer vision markets. They have been developing state-of-the-art FIR sensing solutions for the last decade. Now, the company's multidisciplinary team of experienced engineers has adapted the solution to the specific needs of self-driving cars, making AdaSky's solution a critical addition to cars to eliminate vision and perception weaknesses for fully-autonomous vehicles. Learn more at <http://www.adasky.com>.

Press Contact

[Caster Communications](mailto:adasky@castercomm.com) 401-792-7080 adasky@castercomm.com
Alex Crabb 401-318-2229 cell