ADASKY

DRIVEN TO SAVE LIVES

ADASKY MAKES SAFE AUTONOMOUS DRIVING A REALITY WITH FAR INFRARED

THE FIR REVOLUTION IS NOW

Industry demand for autonomous vehicle technology has peaked, but only through proven ADAS optimization and consumer acceptance will the vision for a driverless, casualty-free world be achieved.

A complete, mature and affordable Far Infrared (FIR)-based sensing solution is the ultimate safety measure, and the key to making this dream a reality.

FIR delivers essential information to fill in the gaps and give a new level of detail. Because it senses thermal radiation, FIR detects the difference between living and non-living objects more reliably than other modalities.
For many years, FIR has been used as a primary technology in the defense industry, and it is now ready to be commercialized for advanced ADAS and AV applications.

ADASKY LEADS THE FIR REVOLUTION WITH VIPER

Advanced WDR 720p Cam

AdaSkky's VIPER FIR Solution

AdaSky is an Israeli startup, whose founding team is made up of veterans from the semiconductor, thermal sensor, image-processing, and computer-vision markets, giving them the secret sauce to deliver a FIR sensing solution that's uniquely designed for the needs of autonomous vehicles.

With its Viper sensing solution, AdaSky is leading the FIR revolution to bring FIR technology to the automotive mass market for the first time. This is how they're doing it:

- AdaSky was first to identify FIR as the missing link to safe autonomous driving;
- They have a team of diverse experts;
- They have a solution that's uniquely designed for automotive and ready to scale for mass market.

Viper is the first high-resolution thermal perception solution for autonomous vehicles. Combined with AdaSky's proprietary, state-of-the-art machine-vision algorithms, Viper is a complete sensing solution that can be added to any autonomous vehicle and ADAS system to enable vehicles to reliably detect, segment, and analyze pedestrians, animals, objects, and road conditions in any environmental condition.

AdaSky has developed different versions of Viper with varying fields-of-view that are designed to address the varied use cases critical for complete autonomous vehicle safety, perception, and control. For example, Viper enables superior road-user detection features in urban scenes (e.g. blind spot detection and superior object detection even in harsh weather), as well as key autonomous functions, like collision warning and adaptive cruise control.

WHAT MAKES VIPER REVOLUTIONARY:

Superior image quality

Easy integration

Small size

Low weight and low power consumption

Shutterless

Dedicated ASIC

Large FIR data sets

Ready for mass production

With Viper, AdaSky holds the key to enabling safe vehicle autonomy and ADAS solutions for the mass market.

ADASKY

Press Contact:

Caster Communications

+1 401-792-7080

adasky@castercomm.com

www.adasky.com

www.linkedin.com/company/adasky

www.twitter.com/AdaSkyTech

www.youtube.com/adasky