



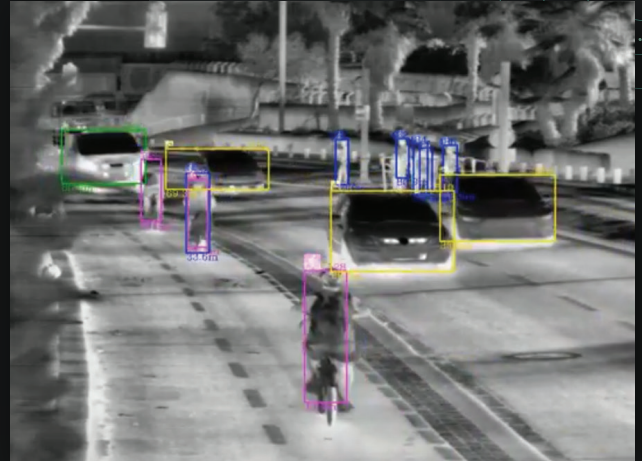
ADAS**IIY**[®]
DRIVEN TO SAVE LIVES

SHARP VISION

THERMAL SENSING MAKING INTERSECTIONS SAFER AND SMARTER

Putting an ADASKY Sharp Vision system in intersections would help improve traffic safety and might reduce fatalities.

Sharp Vision is a thermal imaging camera specifically designed for vehicle-to-infrastructure (V2I) applications in smart cities. Sharp Vision can alert properly equipped vehicles of another approaching vehicle or warn before a vehicle hits a pedestrian who steps into traffic.



How ADASKY's Sharp Vision technology works?

ADASKY's Sharp Vision technology detects and classifies vehicles, two-wheelers and pedestrians uninterrupted, day or night, in any weather. The automotive-grade thermal camera uses advanced algorithms to detect and classify objects and to predict location and trajectory for accurate positioning in high resolution. This real-time information could make the difference between an accident disrupting traffic and a safe stop.

Poor visibility and harsh weather conditions such as blizzards, driving rain, dust storms, fog, bright sun and other dynamic lighting conditions pose challenges for the conventional sensor suites available.

Smart cities with Sharp Vision at intersections could see a reduction in crashes and a reduction in pedestrian, cyclist and scooter injuries and fatalities.

Who is ADASKY?

**ADASKY making your city safer, all day, every day.
ADASKY is a new leading performer in the thermal sensing suite for vehicles.**

ADASKY is a strong Israeli startup, co-owned by two large global corporates, whose founding team is made up of veterans from the semiconductor, thermal sensor, image-processing and computer-vision industries. This team has the right combination of knowledge and experience to achieve production-ready, thermal sensing technology for smart mobility applications and beyond.

ADVANTAGES

- ✓ Detection range of more than 200 meters in all weather conditions, 24/7
- ✓ Perception - detection, classification, highly accurate position and trajectory in 3D capability in real-time
- ✓ Easy-to-install into existing infrastructure- traffic signals, utility poles
- ✓ Small size, low weight, low power consumption
- ✓ Low latency
- ✓ Affordable, scalable

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