In one year, vehicle accidents in the US kill 6,000+ and injure 100,000+ pedestrians. 75% of these fatalities occur at night.

Source: NHTSA (2019)

FLIR SafeSight is an aftermarket, windshield-mounted system that fuses FLIR’s Boson thermal camera with visible-light camera technology to detect pedestrians through their heat signatures at all times of the day. SafeSight consists of two state-of-the-art modules that wirelessly power and communicate with each other, allowing for video footage and data to be sent to the driver and the vehicle.

Built to Last
- 75°C Max Operating Temp
- IPX7 Waterproof
- 5+ Year Lifespan
- Shock and Vibration Tested

Hassle-Free
- Fully Wireless Data and Power
- Install or Remove in 30 Minutes
- Theft-Deterrent Design

Acknowledgements: Special thanks to Ilan Ben-Yaacov, Tyler Susko, Ted Bennett, Trevor Marks, Chris Cheney, Ray Chang, Paul Hoff, Ryan Stevenson [FLIR], Ted Takagi [FLIR], Ryan Helling [FLIR], and Seroj Babaian [STMicroelectronics].
Future Improvements

- Smaller device footprint, injection-molding friendly design
- Lower energy consumption and reduced heat dissipation
- Reduce complexity and cost of circuit design
- IP6K9K certification for high-pressure water/dustproofing
- Improved theft-deterrence and serviceability
- Embed Prism AI functionality into SafeSight without a laptop