



**FEYE**

**AUTONOMOUS VEHICLES**

**ThirdEye Systems**

making systems smarter



The autonomous vehicle is the future of mobility, but it faces challenges when it comes to dealing with bad-weather, darkness, and complex scenarios. As a result, true level 4 and 5 autonomous vehicles are yet to meet our roads.



Our fusion technologies allow deep-neural networks specially developed and trained to combine LWIR – thermal infrared sensor and Visual camera to create a reliable detection of object of interest in all weather and lighting condition. The fEYE module with both thermal and vis sensors is integrated with edge computing and provides a significant upgrade for the next gen. autonomous vehicles.



## SYSTEM ADVANTAGES:

- All weather operation
- Ease of integration
- Proprietary fusion technology
- IP 67 module
- Both thermal and vis sensors
- Embedded with edge computing
- Stereo vision version available for 3D understanding

