

fEYE

AUTONOMOUS VEHICLES

Thirdeye-systems.com

VEHICLE

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SYSTEM ADVANTAGES

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 generation autonomous vehicles.

UNDER THE HOOD



All Weather Operation - IP 67



Easy to **Integrate**



Embedded Tracker for
"follow me" mode



Thermal and Vis Sensors with
proprietary Fusion Technology



Wide Field of View - 90°



Embedded with **Edge Computing**



Stereo Vision - Available for 3D
understanding & Volumetric Map



Humans & Obstacles **Recognition
and Avoidance**



Ruggedized & Stabilized Systems

