



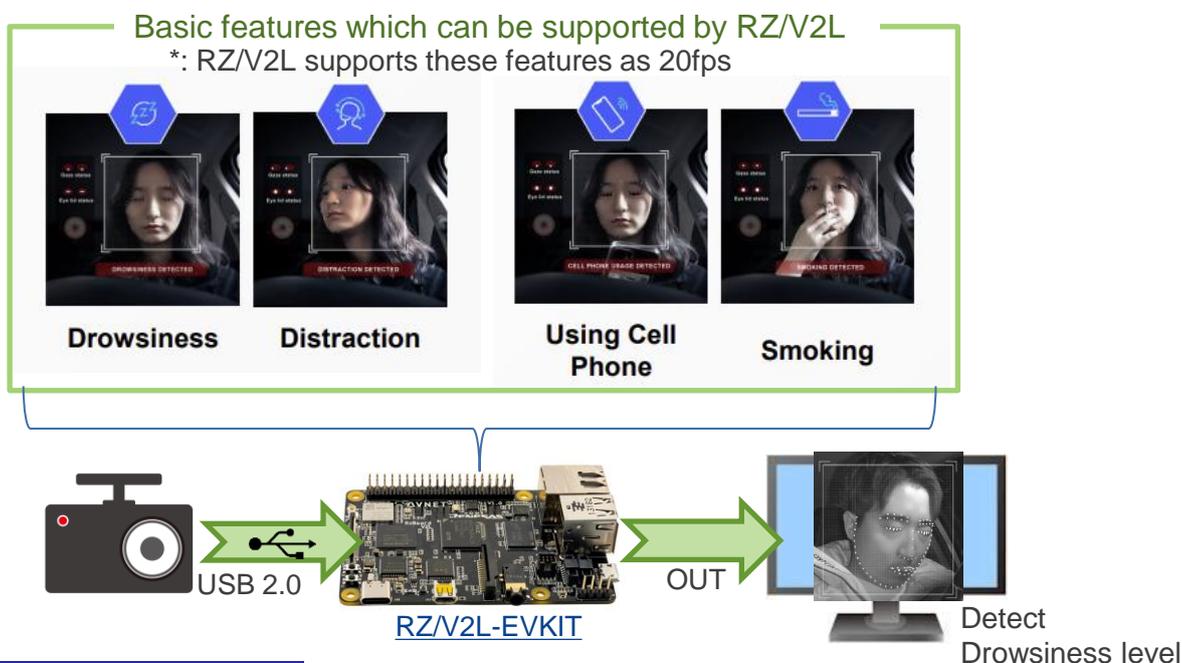
### Solution Summary

Nota DMS(Driver Monitoring System), an in-cabin safety solution powered by NPU-compatible technology and built upon NetsPresso®, a hardware-aware AI model optimization platform. This solution is designed to detect various driver behaviors at 20fps\*, achieving low power consumption and real-time processing capabilities through the utilization of [RZ/V2L](#).

### Features/Benefits

- **High performance on low-cost edge devices including RZ/V2L**
- **Interoperable with various camera types**
  - IR / RGB, IR-RGB Hybrid
- **Flexible installation positions**
  - Windshield, dashboard, rear-view mirror, and center fascia
- **Robustness in various environments**
  - Occlusion-free<sup>2</sup>, covers various lighting situations

### Diagrams/Graphics



### Target Markets and Applications

- Dashboard camera
- Vehicle travelling data recorder
- Monitoring system

# Nota AI

## Nota AI's Technology



## Netspresso. Hardware-aware AI model optimization platform



## Nota ITS Intelligent Transportation Systems



AI Traffic Camera



AI Safe Crossing



AI Traffic Signal Control



AI Smart Parking

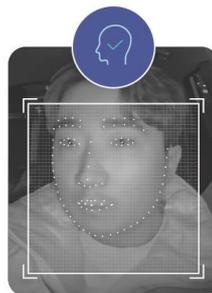
## Nota DMS Driver Monitoring System



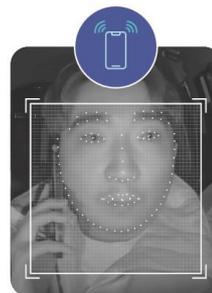
Drowsiness



Distraction



Unregistered Driver



Using Cell Phone



Smoking