Cluster Integrated DMS

Integrated Driver Monitoring System

Features:

- Cluster-integrated solution with different third-party algorithms
- Scientifically proven drowsiness assessment
- Sensors:
  - 1M reflow camera (miniaturization)
  - 2M module (small package, best value)
- DMS framework integrated into the cluster platform and Visteon's SmartCore™ domain controller
- Most optimum camera placement avoids the need for additional HW such as peripherals and dedicated compute

Benefits:

- Scalable software stack compatible to cluster, infotainment and integrated cockpit domain
- Modular DMS system framework supports seamless switching between various third-party DMS technologies and algorithms
- Customizable system architecture to support different processors and sensor solutions
- Design advantage: Better physical and cosmetic packaging solution
- Ideal camera location: Provides highly accurate results as the camera at the cluster position has better viewing angle of the driver
- Cost effective solution: Physically and functionally integrated into the cluster

https://www.visteon.com/technology/interior-sensing/

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