

## Enhances driver safety by observation

**VIA Mobile360 D700 AI Dash Cam by VIA Technologies (Taiwan) combines front dash and interior cameras with integrated 4G LTE wireless connectivity and CAN support.**

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(Source: VIA Technologies)

The device simultaneously captures and processes video footage of the driver and the car occupants as well as the road conditions. Video data can be locally stored. Via the CAN interface, the device collects vehicle data e.g. speed, distance, idle time, and fuel consumption. The data can be analyzed to optimize fleet efficiency and safety. The cam can feed driver and vehicle telematics data to the cloud in real-time. This allows to minimize vehicle idle time, improve routing efficiency and asset utilization, and reduce costs from vehicle damage and fake insurance claims. Customizable event triggers can be set to inform about critical incidents, which allows fleet managers to react immediately.

Further features include the 4G LTE, Wi-Fi, GPS, Cortex-A53 dual-core SOC (system on chip), 512-MiB DRAM, 128-MiB SPI flash, a three-axis accelerometer, micro-SIM card slot, micro-SD card slot, and micro-USB 2.0 port. A power supply requirement from 8 V<sub>DC</sub> to 36 V<sub>DC</sub> allows in-vehicle power delivery. The cam comes with a software development kit that allows AWS and Microsoft Azure cloud integration. A customizable Android smartphone app or Apple iPhone app for real-time display of trip video and vehicle data is available as well. The device is suited for such fleet management applications as taxi, ride-hailing, last-mile delivery services, long-distance trucking, logistics, law enforcement, etc.

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