Why You Need Vision-AI™ For Your Dash Cameras
Brodmann17 Disrupts Fleet Telematics

Fleet managers are overwhelmed with the amount of videos they have to review manually, as currently video upload to the cloud is triggered from the g-sensor. This is costly, impracticable, and prone to human error - often resulting in many false positives for risky driving events.

But not every short-stop video recorded by the dash camera needs to be uploaded to the cloud. Edge-AI™ processes videos from driver alerts on the edge and only uploads near-accident videos to the cloud.

Edge processing is becoming ever more capable, and there are many advantages to running perception software on the edge.

Our Solution: Edge AI™

With Brodmann17's groundbreaking solution dash camera video analysis is performed by patented deep learning technology:

- ✓ Camera and platform (processor, sensor, lens) agnostic
- ✓ Easy to implement on edge processing units
- ✓ Technology saves 95% compute power
- ✓ Provides live & accurate analysis of video data
- ✓ Automates insights to determine if driver actions & behaviors are justified
- ✓ Provides advanced analysis on edge devices, with further capability accessible through the cloud
- ✓ Supports: Forward Collision Warning (FCW), Minimum Distance Warning (MDW) and Lane Departure Warning (LDW)

Benefits For Telematics Service Providers:

- Increases sales & margins through enhanced features
- Provides an additional filter to video triggers such as g-sensors
- Generates detailed information and analysis on every ADAS event
- Easily deployed onto suitable edge devices
- Keep relevant as edge video processing becomes the norm in automotive camera applications

Benefits For Fleet Operators:

- Provides live warnings to drivers for potential collisions, tailgating & lane departure
- Gain valuable data on video object detection
- Filters video data triggered by other sensors - limits data sent to the cloud
- Supports real-time insurance and First Notification of Loss
- Supports advanced driver scoring

About Brodmann17

Brodmann17 develops AI that is revolutionising safety in mobility. The company's computer-vision-centered technology saves 95% of computing power. This huge saving in cost has brought AI for the very first time to new verticals including mass-market passenger vehicles, video telematics, and micro-mobility.

Brodmann17's AI is based on deep learning neural networks that extract all possible information from a video to make the entire ADAS software smarter. Brodmann17's patented perception software is scalable. It is easy to integrate and deploy as it is hardware agnostic and works on any processor from low-power edge to the cloud.

Brodmann17 is growing fast and has attracted high-profile technology and automotive industry players - it is backed by Silicon Valley, European and Israeli VCs as well as Samsung, Sony, and Xilinx. The company was founded in 2016 by a group of deep learning, computer vision, and edge AI automotive experts who wanted to bring uncompromising AI to the edge and everyday applications.

Our Awards Include:

Our technical experts can advise on the best
hardware & functionality across a broad spectrum of devices.

Add Edge-AI™ to your device today!
Contact us: partners@brodmann17.com

www.brodmann17.com