VideoSense Pro™

Technical Specifications:

Feature	VideoSense	VideoSense Pro	Benefits
Dascam only configuration	-	√	Lower cost entry system
MDVR	Mandatory	Optional	fewer components, Less room, , lower cost
Road camera / dashcam	Dashboard	Windshield	Better angle, Easier installation
Driver facing camera mounting	Side	Dashboard	Suitable for driver face AI
Visual driver feedback	-	optional	R-Watch (for ADAS/video AI events)
Built-in speaker	-	√	For voice messages
Access to any video footage (video on demand)	On Request	√	Using Streamax web application FTVision
Live view on demand	-	√	Using Streamax web application FTVision
Road Camera resolution	720P	1080P	Higher quality
Driver facing camera resolution	720P	960P	Higher quality
Memory capacity	2x 256GB	2x 256GB	
Access to SD-card	Internal	External	Driver access
3rd camera - anywhere	√	√	
4th camera - anywhere	√	-	Requires MDVR in VideoSense Pro
Up to 8 cameras	√	√	Requires 8x channels MDVR
External Atex-certified camera	-	optional	Hazmat zone 1
Wi-Fi Capable	-	√	Future operational improvement
Bluetooth Capable	-	√	Future integration with Drive

Technical Specifications:

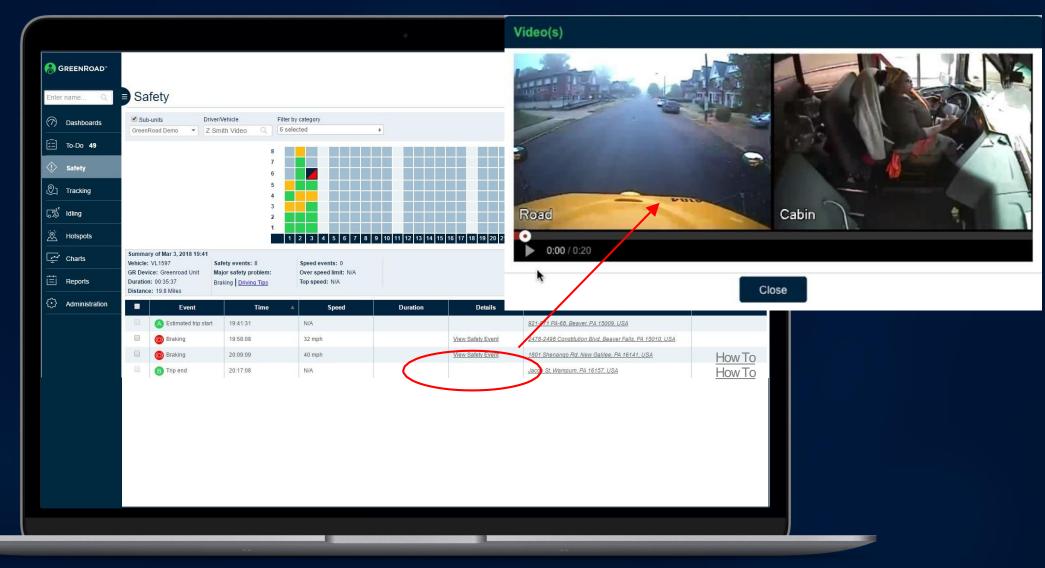| Feature	VideoSense	VideoSense Pro	Benefits
Built-in ADAS events as S/W option	-	√	No hardware required
Built-in Visual AI events as S/W option	-	√	No hardware required
Driver behavior events	√	√	No change
Driver-initiated events	√	√	Requires external button
ADAS events: Headway Monitoring Warning (HMW)	-	√	Collision Avoidance + future sensor fusion
ADAS events: Forward collision warning （FCW）	-	√	Collision Avoidance + future sensor fusion
ADAS events: Pedestrian Collision warning （PCW）	-	√	Collision Avoidance + future sensor fusion
ADAS events: Lane Departure Warning (LDW)	-	√	Collision Avoidance + future sensor fusion
ADAS events: Forward Collision warning （FCW）	-	√	Collision Avoidance + future sensor fusion
Driver State events: Driver fatigue	-	√	Fatigue/drowsiness major cause of crashes
Driver State events: Driver distracted	-	√	Distraced driving major cause of crashes
Driver State events: Phone Using	-	√	Video AI to recognize using phone
Driver State events: Driver smoking	-	√	Policy enforcement, critical in Hazmat zone 1
Driver State events: Seat belt wearing	-	√	Policy enforcement
Face recognition	-	√	Future integration as Driver ID

VideoSense Pro ™

- Continuous monitoring distilled to the critical moments that need your attention. (20 sec clips)

- Objective: Video clips triggered by GreenRoad's event detection system: No external observers

- Works with flexible camera configurations:
  - Dashcams
  - Dashcams + driver camera (DSM)
  - Full 360 multi-camera system + MDVR

- Footage + data provide Context for safety events, cause and effect:
  - GreenRoad driver behavior events
  - Driver-initiated events
  - ADAS: Crash avoidance
  - Fatigue/drowsiness
  - Distraction
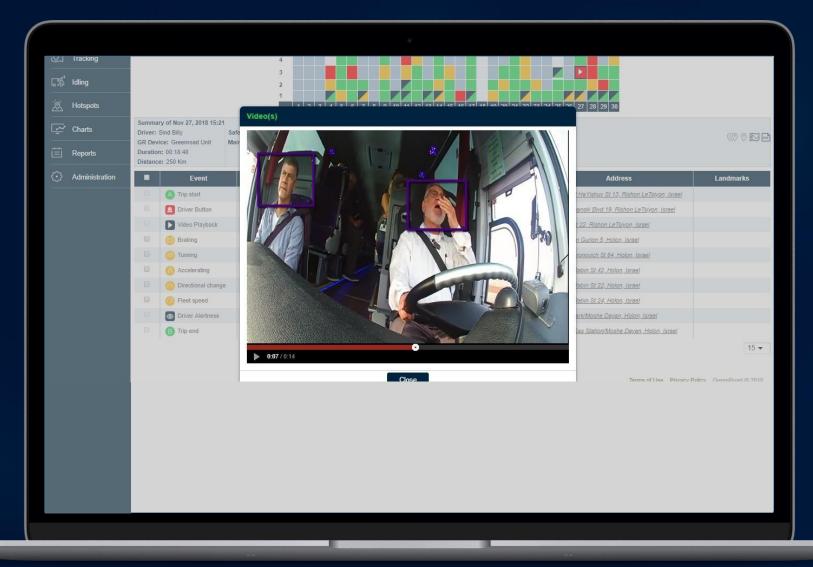 - Image processing AI: Seat belt, smoking

GREENROAD™

Record / Panic Button

GreenRoad Edge™ Telematics Unit

DSM Camera

ADAS Dashcam

GreenRoad Cloud

GreenRoad Central™

Fatigue	Call	Smoking	No Driver	Distraction
FCW	LDW	HMW	PCW	BSD
Seat Belt	Stop Sign (US)	Speed Sign (US)	Face ID	

Full Integration of Safety & Video

GreenRoad Video Sense Pro™ - driver alertness in Central

GREENROAD™

www.greenroad.com

Feature Comparison

	Streamax	Lytx	Smart Drive Systems	Samsara	NAUTO	Keep Truckin	Smart Witness	Guardian	Natradyne	Mobileye
G-Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
Harsh Braking	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
Harsh Acceleration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
Sharp Turn	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
ADAS										
Forward Collision Warning	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓
Lane Departure Warning	✓	✓	✓	✗	✗	✗	✗	✗	✓	✓
Headway Monitoring Warning	✓	✓	✓	✓	✓	✗	✗	✗	✓	✓
Pedestrian Crossing Detection	✓	✗	✗	✗	✗	✗	✗	✗	✓	✓
Speed Sign Detection	Beta	✓	✗	✓	✗	✗	✗	✗	✓	✓
Stop Sign Detection	Beta	✓	✓	✓	✗	✗	✗	✗	✓	✓
Traffic Light Detection	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗
Wrong Way Detection	✗	✗	✗	✗	✗	✗	✗	✗	✗	Beta
Side Blind Spot Detection										
Blind Spot Detection (Side)	✓	✗	✗	✗	✗	✗	✗	✗	✗	✓
Driver Status Monitoring										
Fatigue	✓	✗	✓	✗	✗	✗	✓	✓	✓	✗
Distraction	✓	✓	✓	✓	✓	✗	✓	✓	✓	✗
Smoking	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗
Phone	✓	✗	✗	✗	✓	✗	✓	✗	✗	✗
Seatbelt	Beta	✗	✗	✗	✗	✗	✗	✗	✗	✗
Facial Recognition	Beta	✗	✗	✗	✗	✗	✗	✗	✗	✗
Miscellaneous										
In Cabin Feedback	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓
Engine Data	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓
Recording										
SD Card	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗
HDD	✓	✗	✓	✓	✗	✗	✓	✗	✗	✗
>2 Channels	✓	✓	✓	✓	✗	✗	✓	✗	✓	✗

Streamax

Thank You

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