



PUI
Positioning Universal

VS9000

AI CAMERA SOLUTION

The VS9000 is a powerful 5 Channel Video Camera Solution that offers a fully integrated video solution when paired with the FT7500. It comes with a standard road-facing and cabin-facing camera, and can support up to 3 additional optional cameras, including left and right side cameras and a rear cargo type camera. The system uses AI (Artificial Intelligence) to analyze both the road ahead and the driver's actions, allowing it to determine what video to capture based on factors such as speed and time to target (TTT). With its advanced features and capabilities, the VS9000 is an excellent choice for those looking for a comprehensive and reliable video solution.

KEY FEATURES

The Road Facing Camera utilizes AI to determine the following Video Alerts:

- Harsh Events - Rapid Acceleration, Harsh Turns & Hard Braking
- Stop Sign & Traffic Light Violations
- Unsafe Driving - Tailgating, Collision Risk & Reckless Driving
- Crash & Roll Over
- Pedestrian Hazard Alerts
- Driver Tampering Alerts

MARKET APPLICATIONS

- **Truck Fleet Monitoring**
- **Field Services**
- **Construction**
- **Energy Services**
- **School & Shuttle Buses**



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SPECIFICATIONS

STORAGE

3,600 events, continuous loop recording: 50+ hrs (expandable to 100 hrs), still-cut image (32 days)

CONNECTIVITY

802.11 Wi-Fi to EZ750

EDGE PROCESSING

High-capacity edge processor to enable machine-learning ADAS and DMS processing and output results to the connected server

AUTOMATIC UPLOAD

Automatically uploads video footage of harsh braking, acceleration, cornering, crashes, tailgating, stop sign violation, stoplight violation, and reckless driving

ON-DEMAND UPLOAD

Retrieve data stored at specific moment

LIVE VIDEO FEED

Enables real-time view of all connected cameras

DIMENSIONS

76.5 mm x 121 mm x 46.5 mm

MOUNTING

Mounts to windshield via included, industrial-grade adhesive tape

POWER

12VDC

BATTERY

Internal Super Capacitor allows the system to exit video recording properly when the vehicle is turned off

OPERATING TEMPERATURE

-20°C to 70°C

ROAD-FACING CAMERA

FIELD OF VIEW

114°

RESOLUTION

FHD (1080P)

FRAME RATE

25 FPS

IMAGE SENSOR

Sony IMX 290

BUILT-IN SPEAKER

Inward-facing audio speaker and voice feedback

BUILT-IN MICROPHONE

Inward-facing microphone and optional audio capture

OPTIONAL INTERIOR CAMERA

FIELD OF VIEW

154°

RESOLUTION

HD (720P)

FRAME RATE

25 FPS

IMAGE SENSOR

IMX 307
960 Events (4 Hours)
Continuous Loop Recording: 52 Hours
Still Cut Image: 8 Days

Specifications are subject to change. Please see your Positioning Universal contact for more details.