

Litigation Defense & Forensic Data Suite

77GHZ PWAS FOR COMMERCIAL VEHICLES

C63

FORWARD PWAS ALERT WARNING & DATA CAPTURE SYSTEM:

C63 sensor proximity warning alert system w/ forward 77GHz sensor and digital display to ALERT of obstructions "Bumper to Bumper". With 50 meter detection distance, mobile application and secure-encrypted data logging to enhance driver training and driver productivity.

 **IP69**  **Data Logger**

 **Range APP Adjustable**

 **77GHz**  **6 X 50m**

 **AES-256 Encrypted**



FleetVu Forensic Liability Suite

Parameter:

With Data Logger Function	Yes
Voltage Range	9-36V
Detection Range	Length: Max 50m Width : Max 12m
Sensor Detection Angle	130°
Sensor IP Rating	IP69K
Range Adjustable By Phone APP	Yes
Sensor Frequency	77GHz

patent pending: 64/036,221 FleetVu Forensic Vault



*Project build and delivery time(s) will be determined upon project quantity.

FEATURES

DETAILS

1	POST (Power-On Self-Test)	At ignition, the system self-tests all sensors. LED feedback: GREEN flash twice = all OK. If a sensor fails: RED + GREEN flashes N times (N = sensor number). Repeats.
2	Single forward sensor	One sensor covering full front of vehicle. Must distinguish direction: left corner / right corner / center. Precision: 1-foot level.
3	Red/Yellow/Green distance indication	Distance-based alerts using red/yellow/green zones.
4	Position & distance data	From the single forward sensor: exact direction and distance of the obstacle.
5	256-bit AES encrypted SD card	Data auto-encrypted, tamper-proof, court-admissible. Records: timestamp, vehicle ID, GPS, sensor ID, distance, direction, alert zone, digital signature.
6	Secure app access	SD card data accessible only through authenticated app with correct decryption key. 256-bit encryption.
7	End-user reports	Daily / weekly / monthly reports available for download or auto-sent to specified email addresses for driver performance management.
8	App timestamp on all events	Each event captured by the data logger must show date and time stamp in the app – especially important for attorney review and court use.