

G-Sensor Configuration Checklist

Setting up and calibrating MDVR G-sensor event detection

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Step 1 — Initial Sensitivity Configuration

- ☐ Set sensitivity to manufacturer's medium default at installation
- ☐ Confirm X, Y, Z axis sensitivity can be adjusted independently
- ☐ Configure event clip window: pre-event (15–30s) and post-event (15–60s)
- ☐ Test trigger by performing a controlled hard brake in a safe location
- ☐ Confirm locked footage appears in event log with correct timestamp + GPS

Step 2 — Review and Calibrate After First Week

- ☐ Review event log after 5–7 days of normal operation
- ☐ Count daily trigger frequency per vehicle on normal routes

High trigger count (10+/day, no incidents)

Reduce sensitivity — likely road-surface noise

Zero triggers on known incident route

Increase sensitivity — threshold too high

2–5 triggers/day on normal routes

Likely correct — monitor for 2 more weeks

Step 3 — Environment-Specific Calibration Notes

- ☐ HGVs on motorway/A-road: medium Y-axis (braking), lower Z-axis (surface)
- ☐ Urban delivery routes: higher Y-axis; review X-axis for tight junctions
- ☐ Construction/site roads: reduce Z-axis sensitivity to avoid pothole noise
- ☐ Agricultural/rural routes: reduce Z-axis; test against known surface bumps

Step 4 — Footage Retention and Access Protocol

- ☐ Confirm event-flagged footage is excluded from loop overwrite
- ☐ Locked clips cleared only after: claim resolved / coaching done / false alarm confirmed
- ☐ Connected MDVR: event clips auto-upload confirmed in platform settings
- ☐ Manual footage request process documented for non-triggered incidents
- ☐ Event data reviewed weekly for driver behaviour coaching (not punitive use)