

Why Fleets Choose Backwatch Safety Products — Checklist

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Implementation Checklist

- ☐ IP69K across the range: Every external camera and sensor supplied by Backwatch is IP69K rated. This is not a premium option — it is the baseline specification for any product that goes onto a refuse vehicle, a construction HGV, or an agricultural machine that will be pressure-washed. IP66 and IP67 cameras used on light vehicles fail in these environments within months. Backwatch products are rated for the wash-down cycle that is part of normal fleet operations.
- ☐ Vibration-tolerant housings: Products are specified with screw-lock connectors and rubber-damped mounting brackets as standard for installations on vehicles operating on quarry haul roads, refuse collection routes, and construction sites. The connector and mounting specification is as important as the housing rating for long-term reliability in high-vibration environments.
- ☐ SSD-only MDVR range: Backwatch MDVRs use solid-state storage rather than hard drives. On vehicles with significant vibration profiles — quarry dump trucks, agricultural machinery, RCVs — hard-drive MDVRs fail. SSD storage eliminates this failure mode.
- ☐ Temperature range: Products are rated for the full ambient temperature range of UK commercial operations — from sub-zero winter conditions to the elevated temperatures found in direct sun on metal bodywork and in proximity to industrial heat sources.