

Guardian Impact

Impact and Tipping Detector · Guardian digital roadworks monitoring family

TECHNICAL FEATURES

Description

Compact monitoring unit for temporary traffic management equipment. Guardian Impact detects collisions and tip-over events on barriers, signs, lamps and other roadworks devices and sends an immediate notification to the responsible personnel in the mobile app, so a displaced or damaged unit is dealt with at once instead of at the next inspection round. Continuous status reporting, GPS location and battery alerts give oversight of every monitored device at all times.

Impact

Adjustable sensitivity

Tip-over

Instant alert

GPS

Location tracking

App

Mobile & web

MONITORING & ALERT FEATURES

Impact detection	Impact sensor with adjustable sensitivity
Alerts	Collision or tip-over · immediate notification of faults
Status	Current location and status at all times · constantly on standby
Location	GPS location tracking
Reporting	Adjustable update intervals
Battery management	Low battery alerts · battery life forecasting
Access	Mobile and web app

ELECTRICAL FEATURES

Power supply	Rechargeable battery or external 12 V
Battery life	Approx. 6 months
Connectivity	Reliable wireless connectivity to the Guardian platform

MECHANICAL FEATURES

Dimensions	50 x 65 x 25 mm
Weight	100 g
Environment	Weather-resistant
Mounting	Screw, magnet or keyhole mount



Guardian Impact replaces scheduled inspection rounds with event-driven monitoring: resources go where they are needed, response times shorten and exposure to live traffic is reduced. Part of the Guardian family alongside Guardian Power (battery monitoring) and Guardian Watch (area monitoring and alert unit).