# GUTERMANN

# ZONESCAN *850*

## Correlating Leak Noise Logger

### *For Lift & Shift and Drive-By*

*Use correlating radio loggers to identify and pinpoint leaks with ease, display the loggers and the leaks on your mobile device and manage the data in the Gutermann Cloud.*
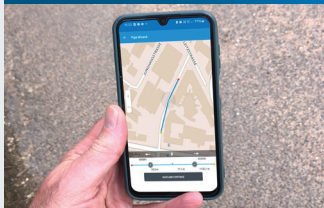
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## Correlating Leak Noise Logger
### *For Lift & Shift and Drive-By*



| Experience | High Performance | Fit for Purpose | Secure Global Cloud |

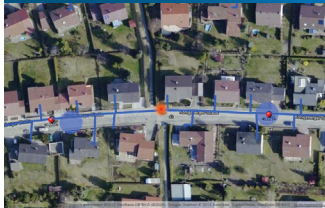### Rooted in over 20 years of experience and user feedback

The ZONESCAN series was the first correlating leak noise logger in the world. It has since been sold tens of thousands of times in over a hundred countries. ZONESCAN 850 is the fourth generation of this legendary leak detection tool and is now incorporating many of the latest features and technological advancements from Gutermann. It is unparalleled in size, robustness, communication quality, performance, sensitivity and precision. It was conceived with a main focus on ease of use and quality that lasts. With the ZONESCAN 850 Gutermann is again setting the bar to the next level.

### Locating difficult leaks with precision and confidence

During the efficient leak detection work process "Lift & Shift", which was minted by Gutermann, the ZONESCAN 850 correlating leak noise loggers are programmed and deployed during the day to record measurements during the quiet night hours. The loggers are then collected the following day and optionally redeployed in a new area. The results are shown directly on an interactive map that can be enriched with the utility GIS as a layer, helping pinpointing leaks with unmatched precision and visual assistance.

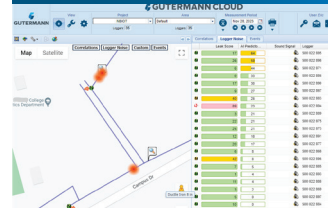In drive by mode up to 30 days of data can be recorded.

### Ease of use and reliability in difficult conditions

Using the proven full stainless-steel design with field replaceable battery, the ZONESCAN 850 is significantly reducing maintenance cost and increasing operational uptime. A 3D motion sensor detects incorrect mounting or unwanted removal. An in-built humidity sensor monitors potential humidity ingress after battery replacement. A dedicated fuel gauge chip measures battery discharge accurately providing helpful preventive maintenance. The attractive and easy-to-use ZONESCAN Smart Android allows the user to upload the measurements to the cloud by the push of a button.
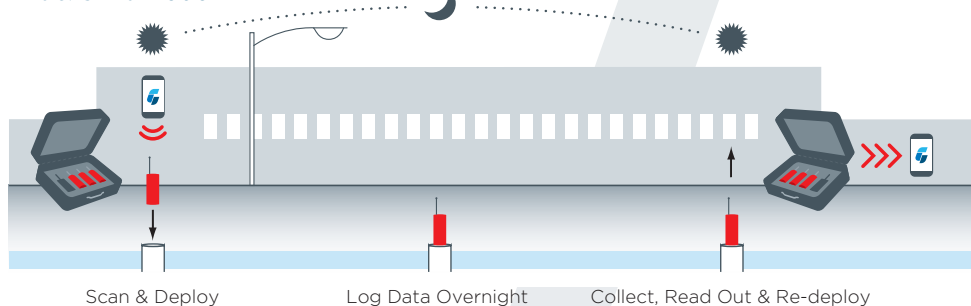
### All data stored in the same place

The GUTERMANN CLOUD is the industry leading software for leak analysis and NRW reduction. It has a Google Maps™ and Street View™ based user interface which allows to manage the entire leak detection infrastructure, import GIS pipe data, analyse and process leak alarms.

An event management tool facilitates:
- an efficient work flow and classification of your leak alarms
- tracking active and repaired leaks
- generating and distributing detailed leak reports

## Lift & Shift mode



| Scan & Deploy | Log Data Overnight | Collect, Read Out & Re-deploy | Send & Analyse (Optional) |

## Technical Specifications

| | |
|---|---|
| Dimensions: | Length 107mm/4.2", Ø 40mm/1.6" |
| Weight: | 0.54 kg (1.2 lbs) |
| Temperature range: | -30°C to +70°C (-22°F to +158°F) |
| Communication: | 2-way radio in different frequencies |
| Battery: | field replaceable 3.6V, C cell Lithium battery |
| Battery life: | Typically, 2-5 years, depending on usage |
| Ingress protection: | IP68 |
| Antenna: | External stub, flexible or high-performance extended antenna with magnetic base |
| Carry cases: | Robust carrying cases, holding of 25 or 40 loggers plus accessories |

## App & Cloud Software Features

- ✓ Browser-based cloud software with data hosted on secure servers of GUTERMANN's professional hosting partners in EU or in the US
- ✓ PEN tested, ISO 27001 certification (pending)
- ✓ Advanced spectrum analysis to avoid false leak alarms even in noisy environments
- ✓ Ability to import GIS and piping data in KML format
- ✓ Auto-filtering
- ✓ Geospatial display of all historical measurement and change log data
- ✓ Maintenance mode for real-time check-up of each logger
- ✓ vent ticket management with work-flow support
- ✓ Remote access possible from anywhere in the world
- ✓ On demand assist by GUTERMANN specialists to support difficult leak investigations
- ✓ Automatic upgrades of logger firmware, cloud software, Android app

## GUTERMANN

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