

ZONESCAN NB-IoT

Correlating IoT Leak Logger

WHY BUY THE ZONESCAN NB-IoT LOGGER

Transmission technology

LTE-Cat.NB ("NB-IoT") was developed for low-cost power-effective communication. 3G and 4G voice communications by contrast are power-intensive, expensive and don't penetrate metallic chamber lids. 3G is being switched off in my countries.

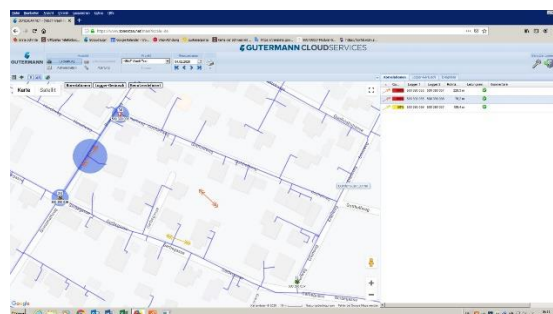
Synchronisation

Gutermann has developed a unique way to synchronise between different loggers with extreme accuracy. This is a unique feature. FM radio signals, used by competitor products for time synchronisation, require significant battery power, and analog FM radio will soon be being switched off in most countries

The GUTERMANN factor

Gutermann has been pioneering fixed network leak detection since the early 2000s and has to date remained unmatched in terms of accuracy and functionality.

Date: July 2020



Unique Selling Points

- ▶ First NB-IoT acoustic logger in the world
- ▶ Automatic daily correlation of each logger pair to detect even quiet leaks
- ▶ Extremely accurate pinpointing
- ▶ Bi-directional communication (e.g. for firmware updates or changed parameters)
- ▶ IoT: Low power and cost-effective cellular communication
- ▶ Deep coverage: transmit measurements directly from the valve chamber to the cloud
- ▶ Maintenance-free: (1) long battery life; (2) ability to change battery on site
- ▶ Gutermann.cloud is the industry-leading cloud software with plenty of powerful analytical features
- ▶ GIS integration: Use your imported pipe data as basis for pinpointed leak locations
- ▶ Automatic leak alarms by email
- ▶ Logger entirely made from stainless steel

Customers

- ▶ Basel, Switzerland
- ▶ Buchs, Switzerland
- ▶ Lebanon, Pennsylvania, USA
- ▶ Miami Dade County WSD, USA
- ▶ Orlando Utility Board, USA
- ▶ PN Daly, UK
- ▶ Scottish Water, UK
- ▶ Southern Water, UK
- ▶ Suez Environnement, France
- ▶ Thames Water, UK
- ▶ Toulon, France
- ▶ United Utilities, UK
- ▶ Veolia Group, France
- ▶ Wängi, Switzerland