



# NL CAMERA

## THE NL CAMERA IS A SUPERIOR NEW WAY TO FIND AND ANALYZE PROBLEMS IN POWER GRIDS.

When electrical faults start to happen, partial discharges are often the first indication. Partial discharges emit ultrasonic sound, which the NL Camera automatically locates.

Bad connection? Perhaps a faulty insulator? The NL Camera provides instant partial discharge analysis based on our sophisticated algorithms.

The NL Camera enables you to locate potential issues quickly from the ground during routine inspections. It can locate problems in power grids up to 100 meters away.

The NL Camera is easy to use and can be operated with minimal training.

## ADVANCED ANALYTICS

The located partial discharges – together with the PD pattern identifying the type of discharge - are instantly superimposed on live camera view.

Located events can be uploaded via built-in Wi-Fi to the AI-powered NL Cloud for further analysis.

The NL Cloud has an automatic generation tool for partial discharge reports.





## MAKE SOUND VISIBLE.

124 microphones allow sound detection in a very wide field of view radically reducing inspection time compared to traditional ultrasonic detectors.

Relevant sound sources can be separated from background noise and analyzed in real time utilizing the built-in processing power.

The NL Camera can be operated in noisy environments making it optimal for outdoor or industrial use.



## Features

- Lightweight and Portable (980g). Can be operated with one hand.
- Operating Range from Close to Mid distance (0,5 - 15 meters), max up to 100 meters.
- External replaceable Battery, up to 8h operating time.
- Built in Wi-Fi for connecting to the NL Cloud for advanced PD analysis. Offline analysis software also available.
- Built in processing power for instant PD analysis.
- Internal 32GB Memory.
- Bright 5-Inch Color Display.
- Operation Temperature from -10 to +50°C.
- Designed and Made in Finland.