Datasheet version 210527
Software version 1.1.0

Features & Specifications

Analysis Tools

Analyze compressed air leak snapshots	Compressed air leak recognition Air leak size estimate Air leak cost estimate ISO 50001 compatible reporting
Partial discharge type classification	PRPD pattern Negative corona Positive corona Floating discharge Surface or internal discharge
Partial discharge severity assessment	Partial discharge description Recommended actions Assesses PD severity between low, medium, high, and very high
Additional analysis features	Sound pressure level Time domain signal FFT spectrum STFT spectrogram Cepstrum Autocorrelation
Dynamic range slider	Adjust the dynamic range to either pinpoint the strongest source or reveal multiple sources

Other features

Video playback	Watch the videos recorded with the NL Camera
Audio playback	Inspect the audio recorded with the NL Camera
Video export	Export videos and watch them with the media player of your choice

Automatic Reporting

Reports	Automatically generate PDF reports
Data export	Data export to MS Excel

Requirements

OS	Windows 10 64 bit
Ram	512 MB
CPU	Intel Pentium 4 processor or later that's SSE2 capable
Data transmission	WiFi between the camera and a PC for direct data transfer
	USB flash drive
Supported NL Camera version	AC13xxxx
Supported NL Camera software version	201201 and newer 200417 and 200801: WiFi between the camera and PC not supported, data transfer only with a USB flash drive

Supported Languages

Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Vietnamese

The NL Camera Viewer Pro is an alternative offline computer software to the NL Cloud, providing the same functionalities as the NL Cloud.

The NL Camera Viewer Pro offers advanced machine learning powered analysis for air leaks or partial discharges:

- When using the leak version of the camera, the NL Camera Viewer Pro will analyze the leak sizes and calculate leak cost estimates.
- When using the partial discharge version of the camera, the NL Camera Viewer Pro will show the PRPD (Phase Resolved Partial Discharge) pattern, analyze the type and severity of the partial discharge, describe the problem, and give action recommendations.

The NL Camera Viewer Pro automatically generates PDF reports and exports data to MS Excel. A direct WiFi connection between a PC with the NL Camera Viewer Pro and the NL Camera enables data transfer and eliminates the need for a USB stick. You can also watch the videos recorded with the NL Camera in the software.

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