



UE Systems UltraView Ultrasonic Air and Gas Leak Detection Camera User Guide

[Home](#) » [ue SYSTEMS](#) » UE Systems UltraView Ultrasonic Air and Gas Leak Detection Camera User Guide 



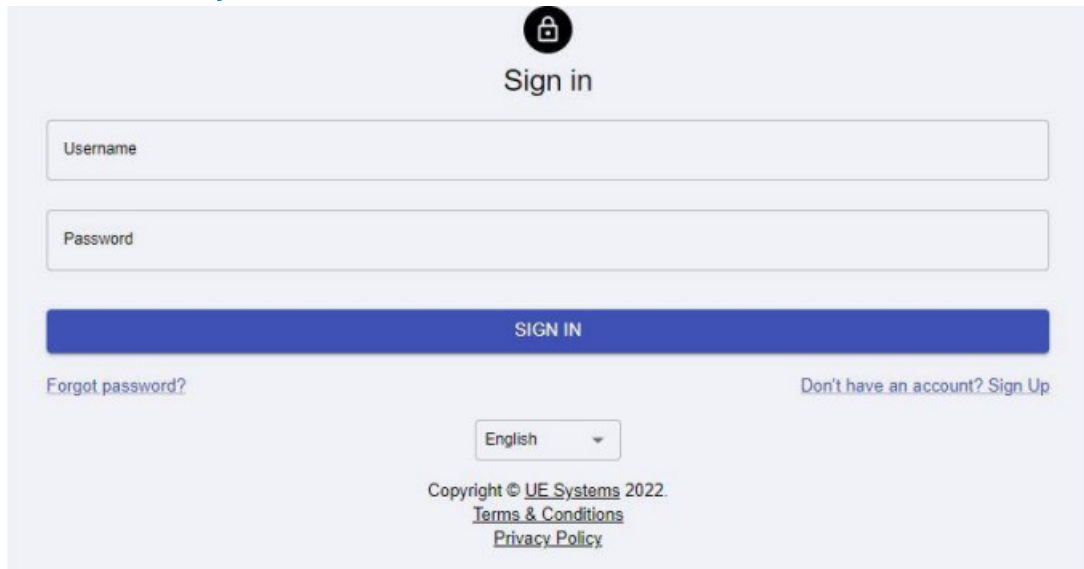
UltraView Quick Visual Guide

- Instrument Identification
- Leak Detection Mode
- Power Mode (Partial Discharge Detection)*
*only available in the UltraView Plus model

Contents

- [1 UltraView Ultrasonic Air and Gas Leak Detection Camera](#)
- [2 Items included with the UltraView](#)
- [3 UltraView Identification](#)
- [4 UltraView Main Screen](#)
- [5 UltraView Leak Detection Screen.](#)
- [6 UltraView Partial Discharge Screen \(Power Mode\)](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)

To login go to: ultraview.uesystems.com Create a new account



Sign in

Username

Password

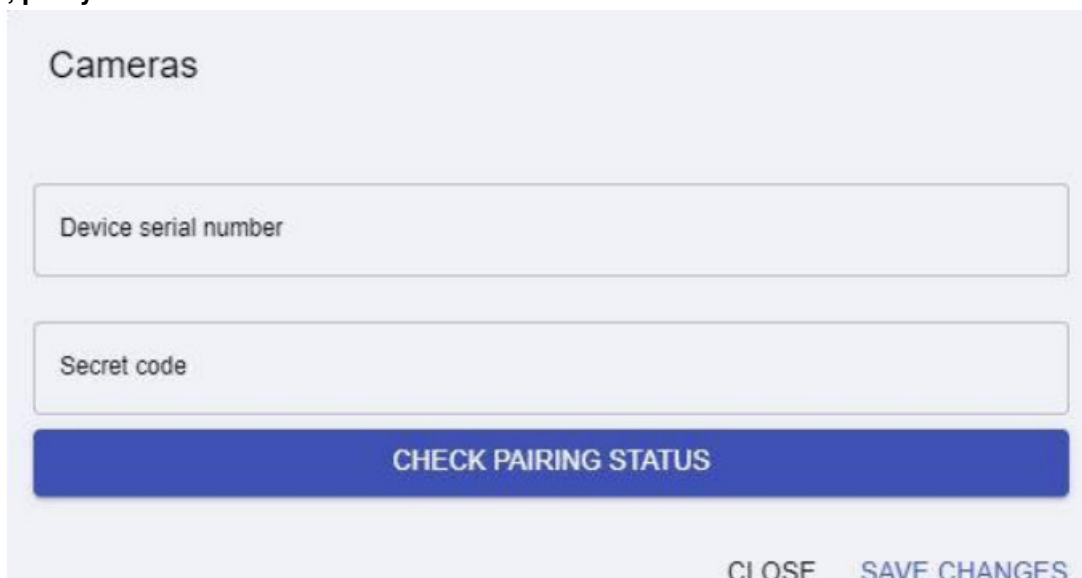
SIGN IN

[Forgot password?](#) [Don't have an account? Sign Up](#)

English

Copyright © [UE Systems](#) 2022.
[Terms & Conditions](#)
[Privacy Policy](#)

After login, pair your device



Cameras

Device serial number

Secret code

CHECK PAIRING STATUS

CLOSE SAVE CHANGES

To retrieve the secret code, select settings, network settings, device registration



Need more help?

- Contact UE Systems: info@uesystems.eu
+31-546725125 www.uesystems.eu
- Download the complete manual

Items included with the UltraView

1. 2 Rechargeable batteries
2. Battery charger pod
3. Power adapter
4. UltraView



UltraView Identification

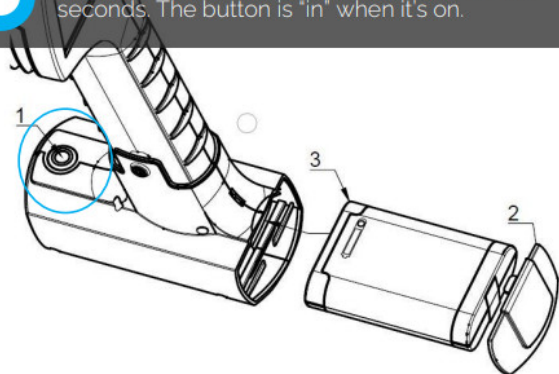


1. Touchscreen
2. On/Off Button





Press and Hold the Power Button for approx. 2 seconds. The button is "in" when it's on.



Wrist strap should be worn at all times for safety.



Press On/off button to power on.
Press dB Display icon for main display.



Touchscreen allows for quick and easy adjustments.

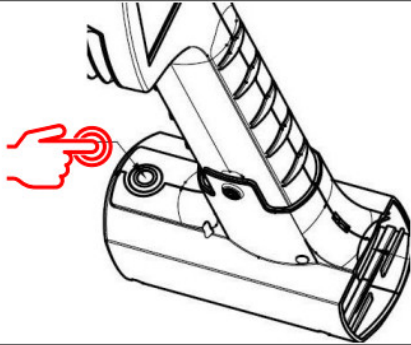


UltraView Main Screen





Press and Hold the Power Button for approx. 2 seconds. The button is "in" when it's on



Select settings to change the inspection mode



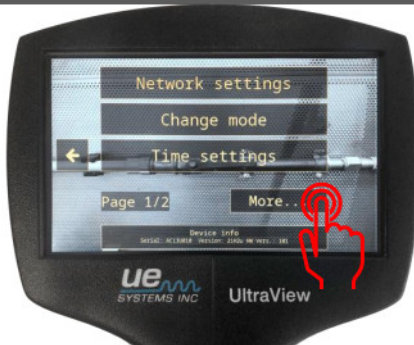
Select Change Mode*
*you can only change mode if you have the UltraView Plus camera



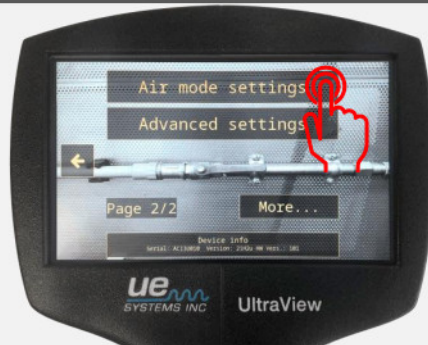
Change mode : Air or Power*
*Air: Leak Detection, Power: Partial Discharge Detection



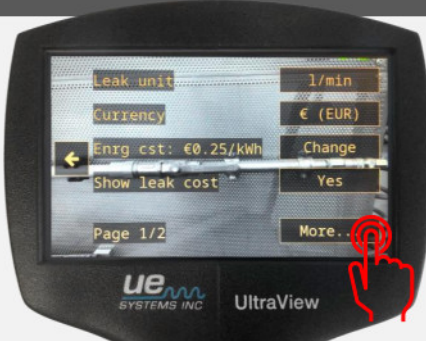
In settings select More to change the air mode settings



Select air mode settings to change the leak parameters



Here you can change leak settings



Here you can change leak settings





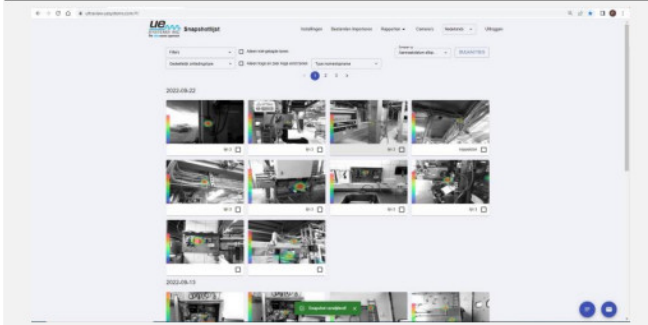
You can change the filters to block out competing ultrasounds



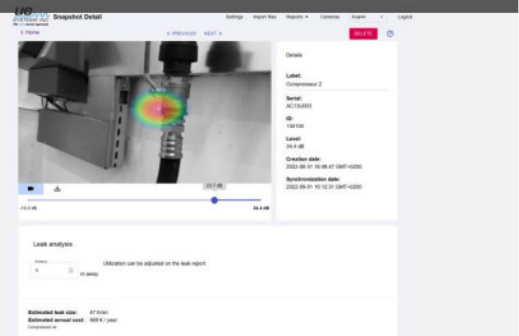
In the main screen, press snapshot to store a leak



If the camera is connected to WiFi, snapshots are automatically uploaded to the cloud



From the cloud you can create your leak report



Leak report example

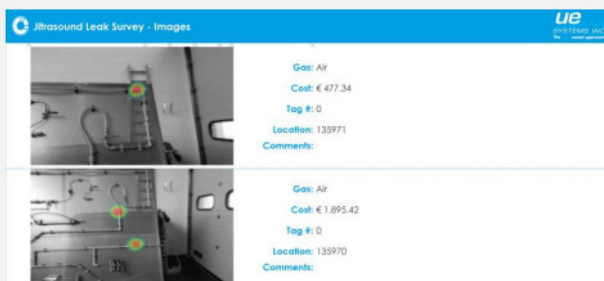


Leak report example

UE SYSTEMS INC. ULTRASONIC LEAK DETECTION												
									Energy/Emissions Avoidance			
Gas	Distance	dB	Leak Size (LPA)	Serial #	Tag #	Required	Severity (Announced)	Leak Cost (Announced)	Energy (kWh)	CO2 (g)	NOx (g)	SO2 (g)
Air	5.00	36	17.13	AC130003			Minor	€ 289.23	5.046	214.361	209	11.519
Air	5.00	36	27.87	AC130003			Minor	€ 340.38	1.702	352.024	340	18.739
Air	5.00	40	39.08	AC130005			Minor	€ 477.34	2.387	493.649	476	24.280
Air	5.00	32	39.82	AC130003			Minor	€ 484.29	2.432	503.029	485	24.778
Air	5.00	30	41.64	AC130003			Minor	€ 588.79	2.544	526.196	508	28.011
Air	5.00	34	40.54	AC130003			Minor	€ 588.79	2.544	526.196	508	28.011
Air	5.00	47	52.78	AC130003			Minor	€ 744.45	3.223	666.655	643	35.488
Air	5.00	46	55.78	AC130003			Minor	€ 881.26	3.404	704.567	680	37.504
Air	5.00	46	56.84	AC130003			Minor	€ 881.26	3.471	717.910	693	38.217
Air	5.00	39	60.30	AC130402			Minor	€ 734.48	3.462	741.631	735	40.544
Air	5.00	39	61.94	AC130003			Minor	€ 734.48	3.783	782.452	735	41.635
Air	5.00	40	60.30	AC130402			Minor	€ 797.76	3.166	624.806	716	43.859
Air	5.00	40	63.43	AC130402			Minor	€ 881.26	4.038	828.952	800	44.130
Air	5.00	40	64.83	AC130005			Minor	€ 881.26	4.081	844.173	814	44.938
Air	5.00	51	67.46	AC130005			Minor	€ 820.93	4.120	852.112	822	43.561



Leak report example



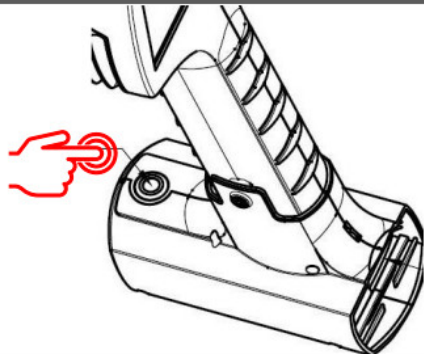
Leak report example



UltraView Leak Detection Screen.



Press and Hold the Power Button for approx. 2 seconds. The button is "in" when it's on



Select settings to change the inspection mode



Select Change Mode*
*you can only change mode if you have the UltraView Plus camera



Change mode : Air or Power*
*Air: Leak Detection, Power: Partial Discharge Detection





Before scanning be sure you are in the Power mode



Before inspecting, always wear your wrist strap



Safely scan the electrical equipment (distance)



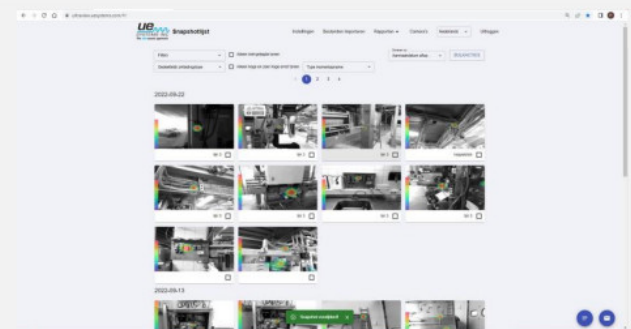
When you see a spectrum, this means the sound from the source is electrical related.



In the main screen, press snapshot to store a partial discharge



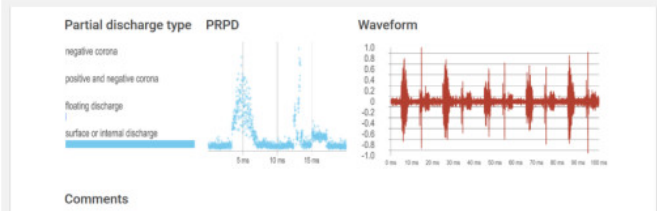
If the camera has the WiFi connected snapshots are automatically uploaded to the cloud



In the cloud you can download the audio files related to the partial discharge.



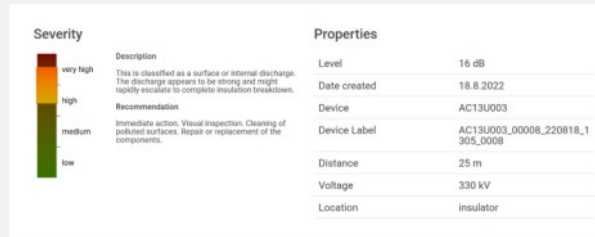
Example of Partial Discharge report



Auto diagnosis on severity



Partial Discharge report example



Full Partial Discharge Report



From the cloud you can create the partial discharge report



UltraView Partial Discharge Screen (Power Mode)



Need further support?

Want information regarding products or training?

CONTACT:

UE Systems Europe – Windmolen 20, 7609 NN Almelo, The Netherlands

T: +31 546 725 125 | E: info@uesystems.eu | W: www.uesystems.eu

Documents / Resources

	UE Systems UltraView Ultrasonic Air and Gas Leak Detection Camera [pdf] User Guide UltraView Ultrasonic Air and Gas Leak Detection Camera, UltraView, Ultrasonic Air and Gas Leak Detection Camera, Leak Detection Camera
---	--

References

-  ultraview.uesystems.com
-  [Ultrasonic Predictive Maintenance and Condition Monitoring – UE Systems](#)
-  [Ultrasonic Predictive Maintenance and Condition Monitoring – UE Systems](#)
-  ultraview.uesystems.com/

Manuals+,