

Presentation

The mobile Ultrasound Viewer benefits of exclusive technologies from ACB Engineering, specialist in sound cameras for over 20 years. Like the latest video techniques, the MUV is totally automatic, you just have to turn it on and watch where the ultrasound spot is superimposed on the video. The accuracy of the localization is of the order of one centimeter when the measurement is close and a few centimeters when the measurement is the farthest, and this whatever the origin of the ultrasounds (leak, rolling, arcs, etc.).

It is possible to record pictures or videos to communicate easily with other people. Finally, Iterative Matrix Technology (IMT) brings an exclusive performance of a very precise spot on all possible detections, I.M.T. is owned only by ACB, world specialist in sound and ultrasonic noise detection.



Key Benefits

- ☐ Visualization of the ultrasonic spot on the video in real time.
- ☐ Ready to use without special training right out of the case
- ☐ Detects ultrasonic emissions with superior accuracy.
- ☐ Ultra competitive price thanks to its localization software optimization (I.M.T.)
- ☐ Large screen and long battery life
- ☐ No periodic maintenance required.

Hardware Specifications

Processor Unit

-  Sample frequency 115 kHz, 16 bits
-  60 minutes of storage
-  Deca Core 2GHz - 4GB RAM – 64 bits
-  Screen resolution 2560 x 1600,
-  Capacitive multi touch screen
-  Internal Battery (3 hours in heavy use, 1 day in normal use),
-  Weight 0.45Kg

Accessory capture

-  16 sensors
(5000 - 56 000 Hz usable)
-  Auto-focus par optical system
-  Electronic A/D conversion
-  Ergonomic hull in bio-plastic
-  Weight 0.6Kg
-  Size : 0.3m x 0.2m x 0.03m

Software Specifications

-  Frame rates 15 img / second
-  Full automatic setup
-  Impulsive mode (electric arcs ...)
-  Listen filtered mode (vision of special sound)
-  Auto focus (0.2 to 5m)
-  Manuel distance (0.2 to 100m)
-  Select 9 real time signal filters
-  Record mode (pictures, videos)
-  Saturation Alert / Automatic tuning
-  Same interface than Mobile Sound Viewer, dedicated to audible noises.