The AC100 Acoustic Camera
- compact - mobile - robust -

SINUS
Messtechnik GmbH

See what you hear: with the AC100 Acoustic Camera

The AC100 is a compact and easy to use acoustic camera for sound source detection. Connect the AC100 camera with your PC using the USB cable, install and start the BeamformX software and make your measurements and analyzes.

Due to its high performance, simple operation and low price, the AC100 is perfect for many applications in research and production.

BeamformX is an innovative new high-performance Beamforming algorithm.

Key features of the AC100:

Array dimensions	40 x 40 x 3 cm
Microphones	40 x MEMS microphones
AD converter	24 Bit ADC
Sample rate	51.2 kHz, or decimation
Anti alias filter	yes, internal digital filter
Frequency span	200 Hz ... 20 kHz
	optimum 5 kHz ... 20 kHz
Maximum level	112 dB
Dynamic range	20 dB (5 kHz ... 20 kHz)
Working distance	0.3 m ... infinite
DSP system	integrated in the array
Interface	USB 2.0 (data, power)
Optical camera	5 megapixel camera
Mounting support	tripod screw 3/8"
Handles	2 detachable grips
Recommended PC	Intel i5 with Win7, 64 Bit
Software	BeamformX for Windows

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