

Product data

# SOUNDCAM Go

## The First Acoustic Camera for Smartphones



Rugged IP54-rated aluminum housing in a compact 95 g design

72 digital MEMS microphones for precise sound source localization



MagSafe mounting and USB-C for quick and easy setup

Compatible with Android and iPhone

Real-time acoustic imaging directly on your smartphone



Frequency range up to 100 kHz for professional ultrasonic applications

Free App Available for:



### Typical Applications

- |  |                                                  |  |                                                |
|--|--------------------------------------------------|--|------------------------------------------------|
|  | Compressed air leak detection                    |  | Machine diagnostics and predictive maintenance |
|  | Wildlife and animal sound localization           |  | Drone detection and tracking                   |
|  | Localization of noise inside and around vehicles |  | Localization of noise sources in buildings     |

# SoundCam Go The First Acoustic Camera for Smartphones

The SoundCam Go transforms your smartphone into a powerful acoustic camera. The compact module with 72 microphones attaches magnetically to your smartphone using MagSafe and connects via USB-C. The intuitive app displays real-time acoustic images and enables fast and precise localization of sound sources.

With a weight of just 95 g, the SoundCam Go is the ideal mobile entry-level solution for acoustic measurements. It provides all essential features for professional use in a compact, flexible design that is always ready for operation.

## Typical Applications:

- » Compressed air leak detection
- » Machine diagnostics and predictive maintenance
- » Localization of noise sources in buildings
- » Localization of noise inside and around vehicles
- » Drone detection and tracking
- » Wildlife and animal sound localization
- » Applications in education, the maker community, and engineering

## Highlights:

- » Real-time acoustic imaging directly on your smartphone
- » Compatible with Android and iPhone
- » 72 digital MEMS microphones for precise sound source localization
- » Frequency range up to 100 kHz for professional ultrasonic applications
- » MagSafe mounting and USB-C for quick and easy setup
- » Rugged IP54-rated aluminum housing in a compact 95 g design

## Why SoundCam Go?

- » Professional acoustic imaging at a fraction of the cost of conventional acoustic cameras
- » Transforms your smartphone into a powerful acoustic camera
- » Ready for use within seconds
- » Compact and lightweight – ideal for mobile applications

## Scope of Delivery:

- » SoundCam Go
- » Carrying case
- » USB-C cable
- » Quick Start Guide

## Technical Specifications:

|                              |                                        |
|------------------------------|----------------------------------------|
| Microphones                  | 72 digital MEMS microphones            |
| Frequency range              | 4–100 kHz                              |
| Sample rate                  | 200 kHz                                |
| Acoustic frame rate          | 30 acoustic images/s                   |
| Maximum sound pressure level | 120 dB                                 |
| Resolution                   | 24-bit                                 |
| Power consumption            | 2.5 W                                  |
| Battery life                 | 3 hours with a 5,000 mAh phone battery |
| Protection class             | IP54                                   |
| Weight                       | 95 g                                   |
| Dimensions                   | 96 × 67 × 8 mm                         |
| Mounting                     | Magnetic (MagSafe)                     |
| Interface                    | USB-C                                  |



Available in Onyx Black and Titanium Silver