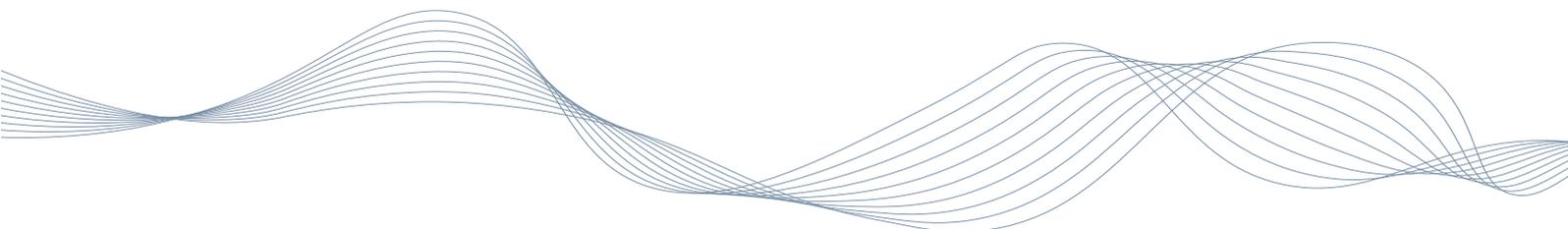# Sorama CAM iV64

SORAMA PRODUCT SPECIFICATION SHEET APRIL 2024 V.1

The Sorama CAM iV64 is a state-of-the-art acoustic camera, enabling you to show highly accurate sound levels and localize where sound is coming from on the 7-inch touch display.

Specifically designed for users who want mobility and have instant acoustic information, they can confidently perform in-field measurements.

▶ Class 1 frequency response*

▶ Realtime spectrum

▶ Realtime spectrogram

▶ Far-field sound source localization and visualization

▶ Sorama Portal compatible data for in-depth analysis

* In the front direction from 31.5 Hz to 20 kHz

Sorama CAM iV64

INVENTORY

Sorama CAM iV64	1
Handstrap	1
Neckstrap	1
Waterproof travel case	1
Smart battery	2
Battery charger	1
USB-C Cable	1
Internal memory	7GB

USB-C Connector & Indicator light

Power on / Start measurement / Force shut down

Battery slot

Touch screen

Strap holder

Tripod connector

Sorama CAM iV64

PHYSICAL PROPERTIES

Size	420 x 320 x 160 mm 16.5 x 12.6 x 6.3 inch	L x W x D
Weight	2.32 kg 5.11 Lb	Including battery
Connectivity	USB-C	USB 3.0
Battery	Rechargable & swappable smart battery	Battery life ±4 hours
Hardware connections	1/4" screw connection	Tripod mountable

STORAGE

Internal	Approx. 7Gb	
External	Up to 2TB	Storage expandable with USB-C flash drive*
Storage formats	Sorama File Format containing a video, audio and or image file	Sorama data format compatible with Sorama Portal for data analysis

DISPLAY & CAMERA

Touch display	7-inch LCD capacitive touchscreen
Display resolution	720x1280
Camera resolution	1280x960

*Only compatible with memory sticks USB 3.0 or higher

Sorama CAM iV64

MICROPHONES

Type	MEMS	Digital bottom port
SNR (A-weighted, at 1 kHz)	66 dB per channel	At 1 kHz, 94 dB SPL
Sensitivity	-37 ±1 dB FS	At 1 kHz, 94 dB SPL
Acoustic overload point	132.5 dB SPL	At 1 kHz, <10% THD

MEASUREMENT FEATURES

Spectrum analysis	29 Hz — 27 kHz	Streaming + recording
Spectrogram analysis	0-10s+ / 29 Hz — 27 kHz	Streaming + recording
Beamforming (far-field)	500 Hz — 27 kHz	Streaming + recording