

Norsonic Acoustic Camera

Fast noise-source localization and diagnostics



Applications

- Product noise diagnostics and root-cause analysis
- Building and Industrial troubleshooting (leaks, rattles, faults)
- Environmental complaint investigations and mapping
- HVAC and mechanical equipment testing and commissioning

Key Benefits

- Modular Hextile arrays; single or multi-tile for resolution and LF reach
- Real-time beamforming with high-resolution overlays on video
- USB/Ethernet connection for power + data; quick field setup
- Viewer software with 3D mapping and export for reports

Applications in Asia and Middle East

Trusted by consultants, universities and OEMs in Dubai, Riyadh, Bangkok, Singapore and Kuala Lumpur.



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Technical Specification

Fast noise-source localization and diagnostics



Core Specifications

Array options	Single Hextile (approx. 128 mics) to multi-tile
Low-frequency limit	approx. 410 Hz (single tile); extended with multi-tile
Frequency range	50 Hz - 10 kHz (typical)
Algorithm	Delay and Sum beamforming
Imaging	HD 1080p video with acoustic overlays
Interfaces	USB / Ethernet (power and data)
Weight	approx. 3 - 7 kg per module
Use cases	Industrial diagnostics, environmental, façade, HVAC, R&D

Deployment & Workflow

- Rapid tripod setup and calibration routine in minutes
- Live view to identify dominant sources and harmonics
- Snapshot and video export with acoustic overlays