

Acoustic Camera

Wind Turbine



Features

- Far field analysis (beamforming)
- High dynamic range and resolution
- 40° Resolution at 120 Hz with beamforming
- Large diameter for good spatial resolution
- Accurate spatial resolution for low frequencies

Application

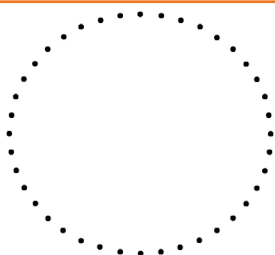
- Wind turbines
- For transient and stationary noise sources

Wind Turbine Special

Array Size	Diameter 5000 mm
Array Material	Aluminium
Weight	75 kg
Microphones	40
Sample Rate	48 kHz
Mic. Frequency Range	10 Hz to 24 kHz
Operating Range	< 33 dB to 120 dB
Analysis Dynamic Range	up to 40 dB
Measurement distance	2.5 m to ∞
Resolution	24-Bit
Interface	Ethernet
Operating Temperature	-40 °C to +60 °C
Operating Humidity	Non Condensing

Wind Turbine Special

Microphones:
40
Diameter:
5 m



Beampattern

-3dB width:
 $\pm 0.299082^\circ$
max side lobe:
-5.06477dB

Simulation at 5 kHz

