

NOISE DETECTION SYSTEM
E-BOOK

MOBILIS



Noise Detection System (NDS)

The **NDS** automatically monitors and records noise pollution violations caused by traffic, contributing to the preservation of public tranquility. This technology is particularly effective in sensitive areas like hospitals and schools.

Coupled with electronic speed meters, the **NDS** includes an audio and video recording system for comprehensive noise management.

Additionally, the **NDS** is equipped with intelligent software that uses algorithms for frequency compensation and weighting, ensuring accurate measurements.

EFFICIENCY: Data cross-referenced with license plate recognition quickly identifies irregular vehicles, such as those with loud sound systems, irregular exhaust systems, or excessive horn use.

HIGH QUALITY CAPTURE: High-sensitivity microphone and analog-to-digital converter ensure precise sound level measurements. Infrared illuminator provides clear night time images.

WIDE COVERAGE: Covers a broad noise capture area with customizable sound level limits.

STRATEGIC: Enables statistical data collection for more effective operations.

LEARN MORE ABOUT MOBILIS

Mobilis is a 100% Brazilian company that, since its foundation, has been dedicated to offering innovative solutions that promote safety and intelligence for cities.

With a diverse portfolio of cutting-edge technologies and a highly specialized team, **Mobilis** stands out as a reference in urban management innovation, developing clients in several cities in Brazil and around the world.

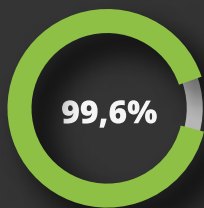
NUMBERS THAT DRIVE US

+97000
LIFES SAVED

+500
cities served in Brazil
and Latin America

+7BI
vehicles monitored
per year

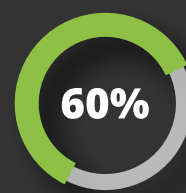
*Presence
throughout
Brazil*



Compliance with the
presence of equipment



Reduction in
fatalities



Reduction in
accidents

MOBILIS SOLUTIONS

Capture the QR Code, learn more about our portfolio
and speak with our specialist.



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