

**NOISE DETECTION  
SYSTEM (NDS)  
E-BOOK**



## 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.

Equipped with intelligent software that uses frequency compensation and weighting algorithms for precise 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 PERKONS

Perkons is a pioneer and leader in the electronic traffic enforcement market in Brazil, building relationships with clients, partners, and suppliers across various countries.

With a team of experts in traffic management, IT, and automation, we continuously enhance a vast portfolio of products, services, and systems to comprehensively serve Public Administration, Concessionaires, and road users.

## NUMBERS THAT DRIVE US

**+97.000**  
LIFES SAVED

**+500**  
cities served in Brazil  
and Latin America

**+7BI**  
vehicles monitored  
per year



Compliance with the  
presence of equipment



Reduction in  
fatalities



Reduction in  
accidents

## PERKONS SOLUTIONS

*Capture the QR Code, learn more about our portfolio,  
and talk to our specialist.*



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