LASE
PeCo Systemtechnik GmbH

Datasheet
PeCo NoiseTraffic

Noise reduces the quality of life!

Noise measurement with artificial intelligence

PeCo
NOISE TRAFFIC

Noise measurement with artificial intelligence

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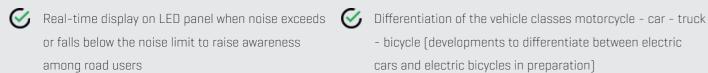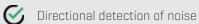
ABOUT PeCo NoiseTraffic

PeCo NoiseTraffic is the directional detection of the noise of moving vehicles. Here, PeCo NoiseTraffic distinguishes between vehicle and ambient noise. At the same time, traffic is counted according to direction. The distinction between the vehicle classes motorcycle - car - truck - bicycle also provides information about the road users (developments to differentiate between electric cars and electric bicycles in preparation).
A real-time display on an LED board when the noise limit is below or above the limit value supports the community in raising awareness among road users.
It is also possible to combine PeCo NoiseTraffic with our license plate recognition. PeCo ANPR (Automatic Number Plate Recognition) provides information about the origin of road users (municipality, district, country).

FEATURES PeCo NoiseTraffic

☑ Real-time display on LED panel when noise exceeds or falls below the noise limit to raise awareness among road users

☑ Directional detection of noise

☑ Differentiation of the vehicle classes motorcycle - car - truck - bicycle (developments to differentiate between electric cars and electric bicycles in preparation)

☑ Simultaneous directional counting of traffic

THE LED INFORMATION BOARD SENSITIZES AND MOTIVATES TO NOISE-CONSCIOUS DRIVING!

FUNCTIONALITY PeCo NoiseTraffic

The highly sensitive sensor detects ambient noise and analyzes the noise profile using the integrated AI machine learning software. This is how cars, trucks, motorcycles, buses and bicycles are distinguished from each other. In addition, the sensor recognizes the direction of travel and speed based on the noise and the noise level.

REPORTING PeCo NoiseTraffic

RELIABLE TRAFFIC COUNT EVEN ON WET ROADS, WIND AND FOG!

SWISS TRAFFIC
we innovate mobility

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