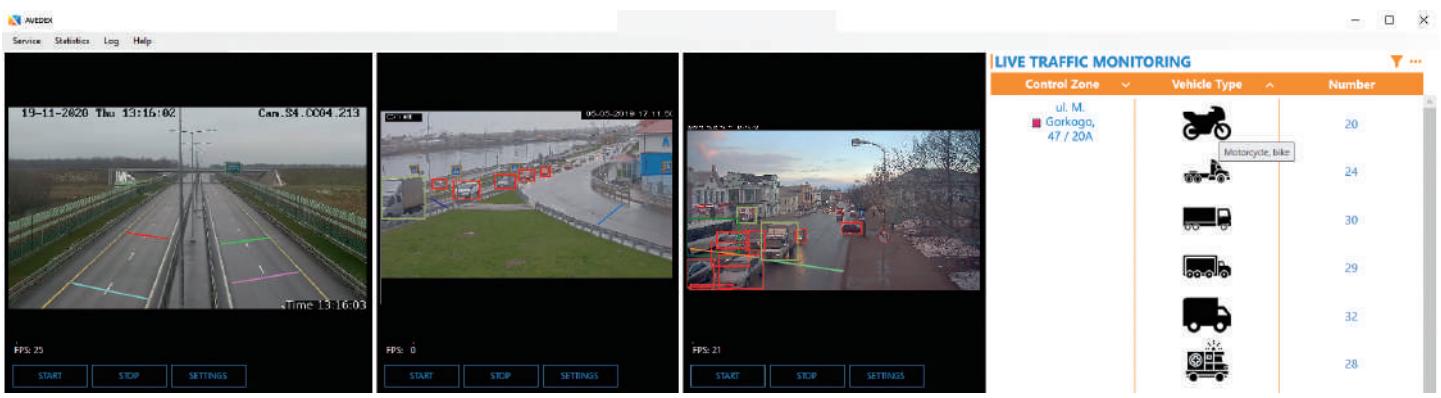
AVEDEX

COUNT AND ANALYSIS OF VEHICLE AND PEDESTRIAN TRAFFIC

AVEDEX software is designed for automated analysis of vehicle and pedestrian traffic on video images. The software supports a wide variety of video cameras, different optical schemes and can perform traffic analysis in most severe weather conditions. AVEDEX does not rely on the physical sensors to collect the traffic data and does not require to be installed by a specialist.

The results received from the analysis can be used to assess the intensity of vehicle and pedestrian traffic, to improve the capacity of roads and pedestrian zones. Additionally, the data collected by the software can be used for the purposes of traffic modelling and forecasting, as well as assistance with choosing location for new construction sites.



Primary functionality:

- Detection and counting of vehicles and pedestrians in the video images
- Classification of vehicles, up to 7 categories
- Display of traffic statistics in form of tables and diagrams; data export to file
- Estimation of the average speed of the traffic flow

7 DAY FREE TRIAL

Please feel free to request and test a fully featured version of AVEDEX during 7 days!

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Advantages of AVEDEX:

- Analysis and data collection can be performed using any available camera angle – even one of a dashcam
- Processing of up to 8 video channels simultaneously
- The software works both with live camera feed and pre-recorded video files
- The accuracy of assessment is up to 99% thanks to the use of deep learning networks
- High performance with relatively low system requirements
- Accelerated mode for video file processing

AVEDEX line of products:

AVEDEX.License

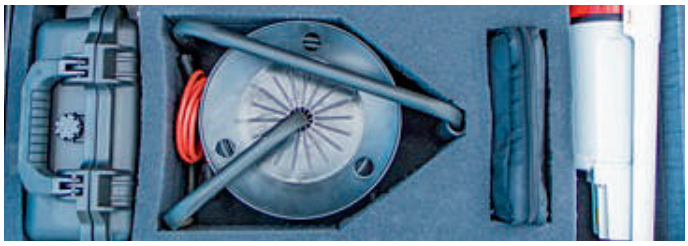
Dedicated software for performing traffic analysis that uses from 1 to 8 video feeds either from live traffic cameras or pre-recorded video

AVEDEX Smart Camera

Multipurpose all-in-one smart camera which utilizes an onboard processing unit and traffic analysis software

AVEDEX.Statistics

Service for processing and analysis of traffic data in live stream or pre-recorded files provided by the customer



AVEDEX.HSC

Software and hardware for portable use when collecting data for a given section of the road