

IMA Traffic

TRAFFIC MONITORING



imaVIS

TRAFFIC MONITORING

Application examples

The increase of traffic producing a need for traffic monitoring tools, including access control and violation to traffic regulations.

Vehicle counter - The software performs vehicle counting and average speed estimation - important elements in the identification of critical traffic zones. Also, the software detects slow traffic and queues.

Wrong way and reversing detection - Vehicle tracking helps to detect motion direction and to identify vehicles that are travelling on the wrong way, or reversing in forbidden areas.

Lane change and overtaking detection - It is possible to detect trajectory changes and to send alarms whenever such changes correspond to violations to traffic regulations. In particular this allows the system to detect overtaking in forbidden zones.

Broken down vehicles detection - The software sends an alarm in the case of vehicles standing in forbidden areas, in order to ease the intervention of breakdown services.

IMATraffic is a tool designed to attract the security personnel attention only in the presence of potentially dangerous situations, allowing for a prompt and effective reaction and intervention.

Features

- multi-user access: each user is assigned an access level from a pre-defined list.
- different alarms according to different violation gravities

Advantages

- it is possible to apply different software modules to the same camera
- it is possible to view images remotely at any time, also from a mobile-phone or a palm-top



Queue identification
Vehicle counter



Wrong way
detection



Forbidden manoeuvre
Broken down vehicle
detection