

IMAadvanced

EXTERNAL AREAS MONITORING



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Application examples



IMAdvanced is an application that tracks moving objects and checks their route according to predefined action rules. The frame of the monitored area is split into regions (region A, B, C, etc.). Associations among regions are then set up and actions for each rule are defined - for example, when object A moves from region A to region C, it might trigger an alarm, while when it moves from region A to region B it might activate a recording or run a predefined output.

This software can interact with traditional anti-intrusion systems. Thanks to combined alarm rules it helps reduce false reports and allows user to remotely have a live view of the cameras and the recordings of alarm events.

Tracking algorithm associates to each moving object a series of features, such as dimension, speed, direction, etc.. Motion rules can therefore be combined with object information and define alarm situations with a higher precision level.

IMAdvanced, evolution of the traditional motion detection, manages multi level alarms and strongly reduces false alarms in external environments.



Outdoor surveillance



Anomaly detection



Perimeter surveillance

Features

- list of last 6 alarm events
- quick link to playback with necessary pre-registration seconds
- set up of different alarm levels that are triggered after a predefined sequence of passages in the regions defined by user.
- possibility to view only the events that are triggered by certain rules in order to allow for a quick and effective search into the archive.

Advantages

- easy installation and contained costs compared to perimetric protection systems and outdoor anti-intrusion systems.
- optimization of alarm selection and recordings thanks to a motion analysis better quality.
- false alarms reduction, which is an important aspect as far as outdoor surveillance is concerned.
- easy installation, configuration, and use.