



# FIRE & SMOKE DETECTION

## MAIN FEATURES



Fire & smoke detection



Automatic Email alert



Statistics Data exports

## OPTIONAL FEATURES



Real time video



Playback video



Archiving and saving videos on request



Real time Alerts via Telegram app

Our fire & smoke AI Sensor module can automatically and in real-time detect the occurrence of events related to fire and smoke propagation, allowing quick and safe intervention operations.

Fire and smoke are detected on the basis of color, contrast, and other invariant features, both in day & night time.

This unit can automatically detect the occurrence of events related to fire and smoke propagation, allowing quick and safe intervention operations in real-time.

The Fire & Smoke Detection module provides automatic email alerts in real-time and the user is able to export statistics data. It is up to the user to add extra features such as real-time video streaming, playback video archiving and saving videos on request, and real-time alerts via Telegram App.

## BEST OPTION

**sense**



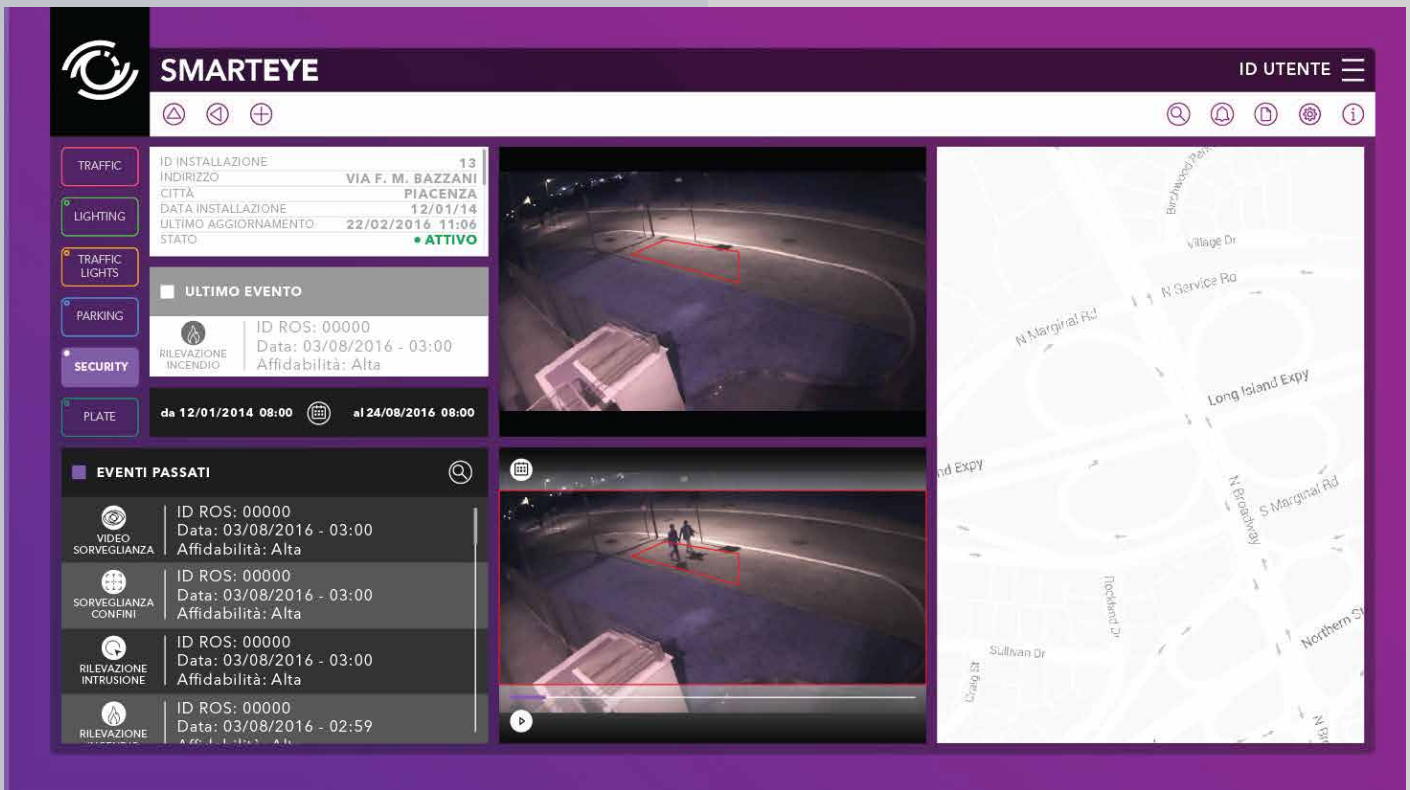
## APPLICATION AREA



SMART CITIES

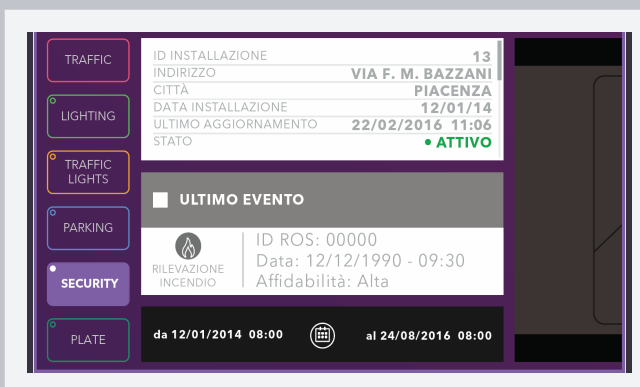


INTELLIGENT INDUSTRIES



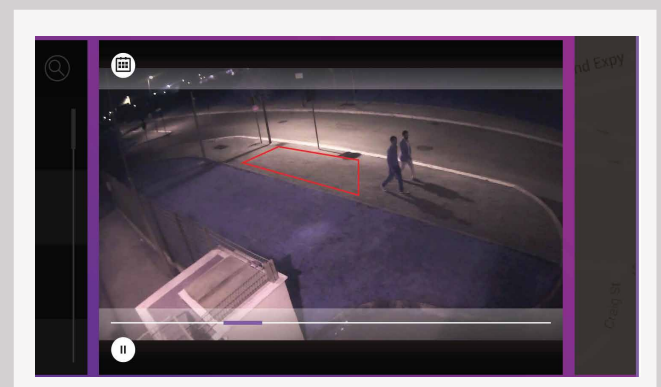
## SMARTEYE ANALYTICS UI

SmartEye Analytics is the interface that allows the user the monitoring of the data collected and processed by SmartEye system. The presentation of the data is extremely clear and intuitive. This allows an easy and quick interpretation of the data, also due to the main metrics utilized to summarize and make usable the key information needed by the user. To facilitate the location of the installations, the interface is equipped with an interactive map and with a section dedicated to the video streaming that allows to monitor the events in real time.



## STREAMING VIDEO ON SECURITY

Based on the latest Deep Learning algorithms, our core video analysis engine reliably detects events in video, and extracts their trajectories for understanding situations. All the analytics and results are accessible from the management platform, it provides real time streaming statistics and providing specific unit measurement.



## SAFETY EVENTS ARCHIVE

The streaming video section allows you to analyze and review the scenes of the events archived in the dedicated section. Every recorded event corresponds to a video recorded when detecting a hazard or an abnormal event. This allows the user to go back to the causes that have caused the danger and prevent it from happening again in the future.