YOUR SAFETY EYES

THERMAL WRONG WAY INTELLIGENT DETECTOR

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The SR-TWWID is a thermal technology based system that detects vehicles driving in wrong way with real time image processing. When a driver is detected is activated a set of warnings through vertical signs to alert the driver get the vehicle in the correct direction before a serious incident happens.

**KEY FEATURES**

- **SYSTEM**
  - System can be remotely monitored:
    - Viewing images online;
    - Visualization of number of wrong way detections;
    - Visualization of image by wrong way detection;
    - Send a wrong way alert by SMS or Email
  - Control dynamics signs to alert the wrong way driving vehicle
  - Works with different types of road pavement
  - Stand-Alone system. Doesn’t need physical connections to other devices to operate
  - Can be remotely configured via a mobile broadband connection:
    - Configuration of ROIs;
    - Direction of movement;
    - Ability to query images/videos whenever a confirmation is needed
  - Sensor + camera in the same housing
  - Accurate and editable zone positioning
  - Reliable operation 24/7
  - Easy installation - above ground sensor
  - Powered by solar or electric energy

- **THERMAL CAMERA**
  - 24-hour detection, at night and in the most difficult weather conditions
  - Detection over long range and across different lanes
  - No need for additional lighting
  - Long-range night view - heat signatures of vehicles can be seen clearly from miles away
  - Isn’t blinded by direct sunlight and only respond to the heat signatures that detect
  - Reliable detection:
    - In daylight transitions;
    - In the sudden variations in lighting conditions such as street lighting, car lights, shadows, etc.;
    - In the presence of other elements such as trees, lampposts, etc.

- **ADVANTAGES**
  - Configuration interface independent of the system
  - Stand-Alone system - does not need physical connections to other devices to operate
  - Send warning alerts - infractions and low battery (solar) - by SMS or e-mail
  - Works with different types of road pavement
  - Low power consumption