

Automatic Incident Detection Wrong Way Module

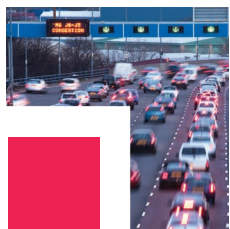


The Automatic Incident Detection (AID) Wrong Way module is an all-in-one system that provides reliable mainline wrong way detection on highways. This module is a side-fire sensor that can detect multiple lanes using a single camera.

The wrong way module detects wrong way vehicles and sends an automated message alert with an image snapshot via E-mail or short message service (SMS). The system also provides a 15 second pre and post video of the event, allowing traffic operators to visually confirm the wrong way vehicle and provide emergency officials the details of the vehicle.

The system is easy to configure and setup using the Supervisor software. The Supervisor software allows the traffic operator to easily configure the zones back at the traffic management center.

Drivers traveling the wrong way on a highway pose a serious safety risk and can result in injury or fatalities. The detection of these wrong way drivers is vital to reducing these risks. This module provides accurate detection and fast notification to help improve the safety performance of the roadways.



BENEFITS

- Fast, safe installation with no traffic disruptions
- Compatible with existing RTMS Sx-300 HDCAM installations
- Add on module for existing camera installations
- Monitor any portion of the roadway independent of other detection zones, i.e. hard shoulder and lane straddling
- Provides a visual verification snapshot of wrong way detection
- Low power requirement allows low cost solar power operation

FEATURES

- Provides multi-lane wrong way detection using one camera
- Automated message alerts with snapshot via E-mail and SMS
- Simple to setup and configure
- Pre and post video event capture and storage of incident
- Excellent image quality even in low light conditions
- High Definition video streaming of incident
- Covers eight (8) lanes of traffic over 165 feet

APPLICATIONS

- Mainline detection
- Off-ramp detection

Wrong Way Module

SPECIFICATION

Power

- Operates on 5 VDC @ 1.5W max standard
- Power supply operates on 110 - 240 VAC

Processor

- ARM A9
- 1 GHz Quad Core

Storage

- 4GB flash storage

Communications

- Ethernet 10/100/1000

Mechanical

- Dimensions
114 x 76 x 29 mm (4.5 x 3 x 1.125 in)
- Weight
0.23 kg (0.5 lb)

Environmental Conditions

- Temperature range
-40° to +85°C (-40° to 185°F)

Warranty

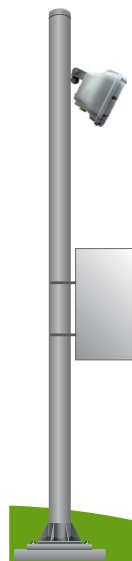
- One (1) year warranty

Regulatory

- FCC



Wrong Way processor

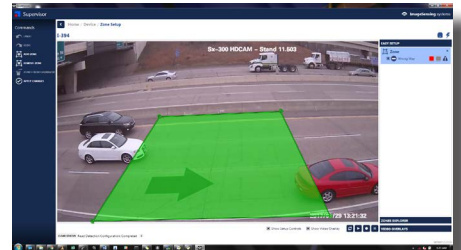


RTMS Sx-300 HDCAM

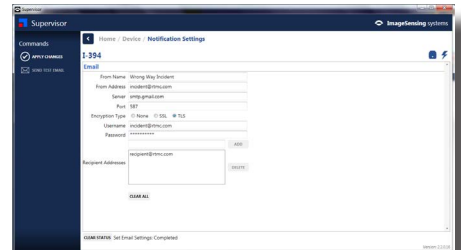
Wrong Way processor inside the cabinet communicates back to the traffic management center

SET-UP AND OPERATION

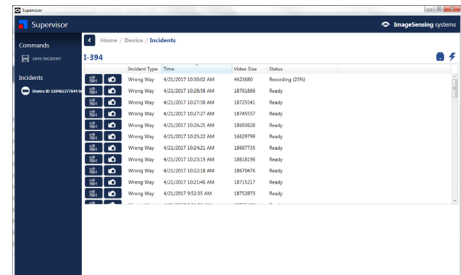
The wrong way module is easy to setup, install and configure to meet your requirements. The setup is simple to do using the Supervisor software.



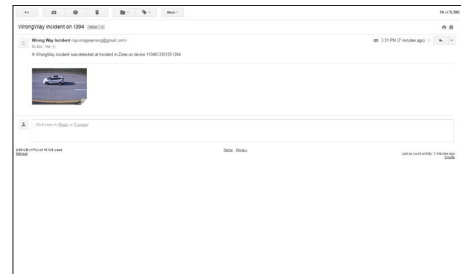
Easy visual zone setup



Simple E-mail or SMS alert notification setup



Incidents Log allows user to easily view all incidents and view snapshots and download the pre and post event video



E-mail notification of wrong way incident

CONTACTS

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