TRAFFICALM™ SYSTEMS

Wrong Way Alert™ gen2

TraffiCalm's spear-head of Innovation and Technology has now increased the level of

Wrong Way Driver Detection.

- Red LED Flush-Mounted Flashers
- Scalable for Expansion
- Multi-Level Wrong Way Driver Detection, Confirmation and Video-Capture
- TC Connect WiFi Set-Up Wizard
- First Responder Notification
- Various Notification Triggers
- Data Collection:
  - Wrong Way Drivers
- System Status / Health Monitoring:
  - Vandal Detection
  - Charging & Battery Health

We've Eliminated False Calls.

HOW?

Through System Collaboratiton Technology

Where Seconds

Our Systems Detect...
Our Systems Talk...
Our Systems Listen...

Reaction is Immediate

Wrong Way Alert currently being used in:

ARIZONA
CALIFORNIA
COLORADO
IDAHO
MAINE
MICHIGAN
N. CAROLINA
OHIO
TEXAS

Wrong Way Alert™ gen2

Detectors play an immediate first line of defense to detect a Wrong Way Offender.

One or more detectors may be used depending on the situation. Each detector (front line or confirmation) scans an area that it divides into three zones. When zone one is penetrated flashers start on all signs and other detectors get put on notice. When zones 2 and 3 are penetrated an additional notice is sent to collaborative detectors, triggering the capture of video or photos and priming a confirmation detector.
When a confirmation detector is used, further validation will be done before notices are sent to first responders

Confirmation Detector receives and validates immediate notification of the Wrong Way Offender from the front line Detectors.

Upon validation, Confirmation Detector will Video-Capture and notify First Responders via e-mail and/or Smart Phone notification of the Wrong Way Offender.

Confirmation Detector w/Modem and Camera

TRAFFICALM SYSTEMS

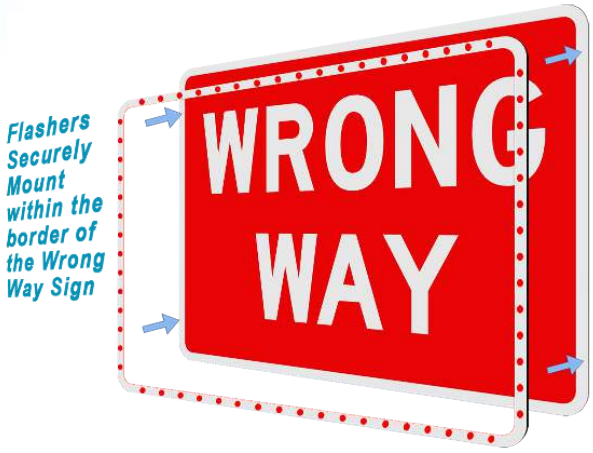
Wrong Way Alert gen2

Wrong Way Alert Warning System

FEATURES

- Easily mounted to existing R5-1a Wrong Way signage
- Scalable to maximize adaptation to diverse roadways
- System consists of 3 basic components:
  - Red LED Flush Mounted Flashers
  - Radar Detection and Flasher Units
  - Power Source: Solar or AC
- All components assembled as a group. Each group is programmed to allow wireless Mesh-Net collaboration with each group member … eliminating False Calls.
- Doppler Radar Based FMCW detection
- Low power requirement, 20W and 60W solar option available
- Fast installation to minimize ramp / road closure
- TC Connect WiFi - Set Up Wizard Software included
- High Resolution Camera records Video or Stills

Standard MUTCD R5-1a Aluminum Sign



Detection Unit Specifications

Power Specifications:

Battery or AC Power

Communications:

Collaboration between Group Members:
Wireless Mesh-Net (Device 2 Device) communication, 1000 - 1500' range, repeatable signal for long range communication. Group identity selectable by channel, network ID, or subnet ID. DSSS transmissions on selectable channels, configurable network ID code, network message ID codes and configuration software level password. Direct notifications for Wrong Way Alert Only.

Alert Notification:
Cellular Modem for live email and smart-phone notification. CDMA compatibility, Antenna 1/2 Wave Omni 2.3dB gain, or ethernet connection.

Data Logging:

Time stamped events - wrong way violation, system monitoring report, component power status, impact detection.

Product descriptions and specifications are subject to change without notice

TRAFFICALM SYSTEMS

Wrong Way Alert gen2

New and Exclusive Back-Lit Signs

- 6000 Series Aluminum Housing
- ASTM Type IX Retroreflective Sheeting (Sign Legend and Background)
- 60,000 hrs to 70% of initial brightness 580 Lux, spread evenly across the sign face
- Legend / Background contrast ratio: 4:1 minimum
- MUTCD Clearview Font
- Accepts Pelco SE-5015 or SE-5146 Sign Mounting

Backlit Signs are Paired with LED Enhancement Ring for maximized warning, cutting through impairment and distraction

Wrong Way Alert gen2

Controller Unit also Encompasses

- Radar Sensing
- Collaborations
- Net Communications

- ✓ Digital video over cellular network
- ✓ Alarm events automatically trigger video clips to be emailed to all authorized users
- ✓ Only true emergency events deliver video clip of one direction of traffic
- ✓ No need for expensive data plans as the system only sends video when an event occurs
- ✓ Low power consumption allows for remote installation with solar energy
- ✓ Wrong Way Alert Gen 2 is also compatible with Applied Information GLANCE™ Monitoring System

TC Connect WiFi
NO INTERNET REQUIRED

Set Up Wizard

TraffiCalm's Set Up Wizard allows for easy configuration of your Wrong Way Alert System through a WiFi connection. No Internet Required!

The Set Up Wizard will provide a platform for dedicated and specific points of detection, eliminating ambient noise or undesired vehicle detection.

With this new system of radar detection, the user / installer will simply point the camera, which also points the radar in the direction of potential violators.

Entering the information in the required fields will complete the final system setup and establish the "exact" field of detection.

TRAFFICALM SYSTEMS

Wrong Way Alert gen2

From the Streets to the Cloud

Live Notifications on Any Device, Anywhere

TraffiCalm's Cloud-Based Solution

- Visual Confirmation of Detections
- Immediate Notifications
- Native to Wrong WayAlert
- All Web-Enabled Devices Compatible

Wrong Way Alert™ gen2

Distributed By:

TRAFFICALM SYSTEMS

5676 E Seltice Way Post Falls, ID 83854
sales@TraffiCalm.com

www.trafficalm.com
855.738.2722