

Vehicles moving in the wrong direction represent a major danger. SR-WWIS is an advanced, solar powered system that facilitates supervision in real time and immediately detects vehicles driving the wrong way.

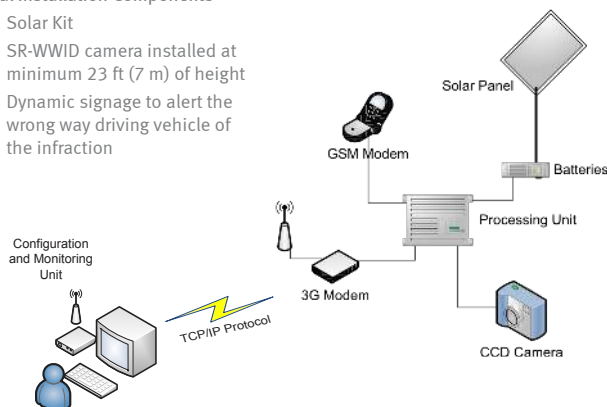
Key features:

- Solar powered system
- System can be remotely monitored
- Visualizations of multiple wrong way detections
- Automate a wrong way alert by SMS
- Control dynamic signs to alert the wrong way driving vehicle
- Configurable for different speeds
- Operates 24/7
- Works with different types of pavement
- Stand-alone system—does not require physical connections
- Can be remotely configured via mobile broadband connection

System Architecture

Typical Installation Components

- Solar Kit
- SR-WWID camera installed at minimum 23 ft (7 m) of height
- Dynamic signage to alert the wrong way driving vehicle of the infraction



Technical Specifications

Camera	
CCD Camera	640x480 pixels RGB Color
Focal distance	6mm
Maximum detection distance	Dependent of camera positioning
Hardware	
Housing Material	Aluminum
Dimensions	4.13 x 4.53 x 16.14 in / 105 x 115 x 410 mm
Frontal protection	Glass
Covering	Anti-Corrosion treatment
Protection class	IP66
Processing Unit	
ARM Processor	ARM Cortex-A8 720 MHz CPU TMS320C64x DSP PowerVR SGX530 GPU
Communication	
TCP/IP	Protocol TCP/IP for system configuration and acquisition of alarms that have occurred
GSM	The system sends real time alarms through GMS
Software	
Configuration tool	Windows platform Configuration of regions of interests (ROIs) Vehicles direction Speed of parameters
Detection software	Works in all conditions including lighting variations
Power	
Solar Kit	Solar panel, batteries, and charge regulator defined according to installation site
Power consumption	Minimum: 0.2 A / 12V DC Maximum: 1 A / 12V DC

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