



## SPEED-MAC PORTABLE SENSOR SYSTEM

Ver-Mac's Speed-Mac is a portable sensor system packaged inside a standard barricade light. The components include a Doppler radar, 4G modem with GPS, a lithium battery and a solar regulator.

Attach the Speed-Mac to the innovative vertical panel, or our post-mount kit. The Speed-Mac is designed to provide speed data for smart work zones and traffic studies.



DOPPLER RADAR  
4G MODEM WITH GPS  
LITHIUM BATTERY  
SOLAR REGULATOR

### FEATURES

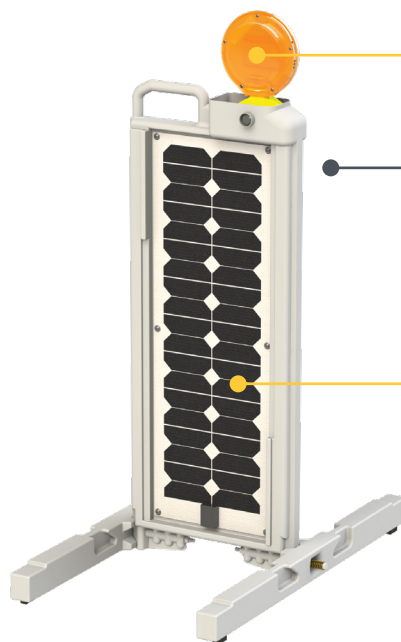
- Integrated Doppler radar, 4G modem with GPS, lithium battery & solar regulator packaged in barricade light
- Attaches to any battery/solar powered traffic control device
- Speed-Mac is MASH crash-tested and approved
- Proven radar technology for accurate speed
- 10 years of cellular communication included
- Includes JamLogic® software for customized historical data & graphs. Automated reports also available.
- Equipment & traffic eAlerts available via text/email

### ATTACH TO A TRAFFIC CONTROL DEVICE



## SPEED-MAC VP PORTABLE SENSOR WITH VERTICAL SOLAR PANEL

Ver-Mac's Speed-Mac VP is a **patent-pending** design that combines the Speed-Mac sensor with vertical solar panel. It takes a few seconds to set up and operates all season without recharging in most applications. The Speed-Mac is the only autonomous MASH tested and approved device on the market.



SENSOR HEAD ADJUSTABLE  
TO AIM AT APPROACHING  
TRAFFIC

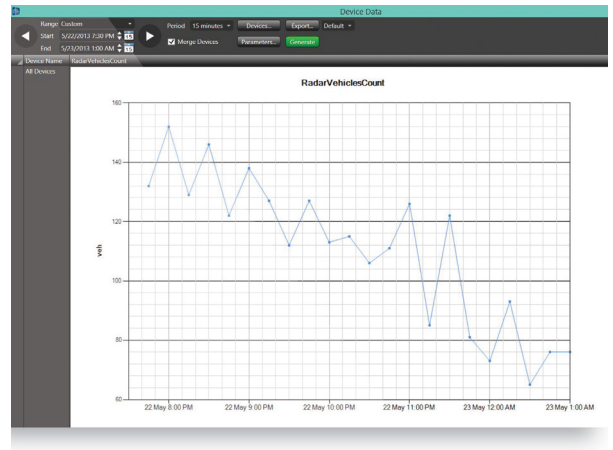
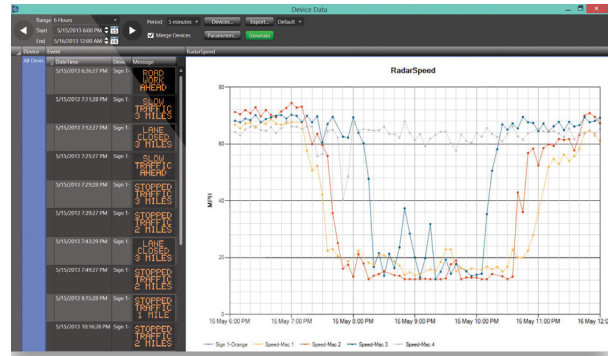
AUTONOMOUS DEVICE  
MASH TESTED

42W SOLAR PANEL

## PORTABLE QUEUE WARNING SYSTEM

Ver-Mac's Speed-Mac vertical panel is designed to be set up quickly (less than 1 minute) for daily lane closures or nighttime and week-end work, asphalt resurfacing, concrete joint repair & bridge inspection applications. Simply deploy the device to point towards traffic, and the Speed-Mac instantly begins gathering speed data.

The Speed-Mac Post-Mount Kit is perfect for sensors that do not move or for longer term (& winter) deployments.



## JAMLOGIC® SOFTWARE

- Speed-Mac's built-in modem allows you to remotely connect to JamLogic®
- View Speed-Macs in a list and GPS map view
- Complete transparent access to data monthly, weekly, daily, hourly or by minute. Traffic reports also available
- Use speed data to automate messages on PCMS

## APPLICATIONS

- Automated queue warnings
- Traffic studies
- Zipper merge

## DIMENSIONS & WEIGHTS

### SPEED-MAC

- Overall height: 11 in. (275 mm)
- Overall width: 7 in. (178 mm)
- Overall length: 4 in. (90 mm)
- Weight (approx.): 3 lbs (1.4 kg)

### SPEED-MAC VP

- Overall height: 51 in. (1299 mm)
- Overall width: 24 in. (610 mm)
- Overall length: 36 in. (908 mm)
- Weight (approx.): 32 lbs (14.5 kg)

## GENERAL SPECIFICATIONS

- Radar detection: 100-500 ft
- Internal battery: 6 amp/ LiFePO4 lithium battery
- Autonomy on internal battery: 4 days
- Autonomy external 33 Ah battery: 35 days
- Autonomy with 42w solar panel: autonomous in most regions
- Operation conditions: -30° C to 50° C

## OPTIONS

- Speed-Mac charging station (for up to 12 sensors)

## WARRANTY

- 1 year on complete units
- 2 years on electronic components manufactured by Ver-Mac

