VER-MAC

SPEED-MAC 2.0

PORTABLE SENSOR SYSTEM

Ver-Mac's Speed-Mac 2.0 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 2.0 to any battery/solar powered device or to the innovative Speed-Mac VP design. Speed-Mac 2.0 is designed to provide speed data for smart work zones and traffic studies.

- Radar
- 4G modem with GPS
- Lithium battery
- Solar regulator

SPEED-MAC 2.0 FEATURES

- Integrated radar, 4G modem with GPS, lithium battery & solar regulator packaged in barricade light
- Attaches to any battery/solar powered traffic control device
- Autolocates with other Speed-Macs
- NCHRP 350 crash tested on many traffic control devices
- Proven radar technology for accurate speed & count

ATTACH TO ANY TRAFFIC CONTROL DEVICE

MESSAGE SIGN

ARROWBOARD

DRUM

- Autonomous device
- NCHRP 350 crash tested

SPEED-MAC VP

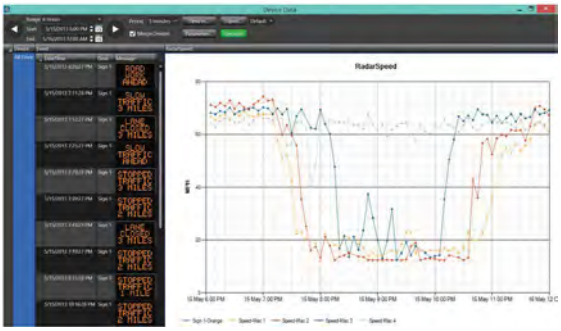
Ver-Mac's Speed-Mac VP is a **patent-pending** design that combines the Speed-Mac 2.0 with vertical solar panel. It can be easily set up by one man and will operate all season without recharging in most applications. The Speed-Mac VP is the only autonomous NCHRP 350 tested and approved device on the market.

SPEED-MAC 2.0

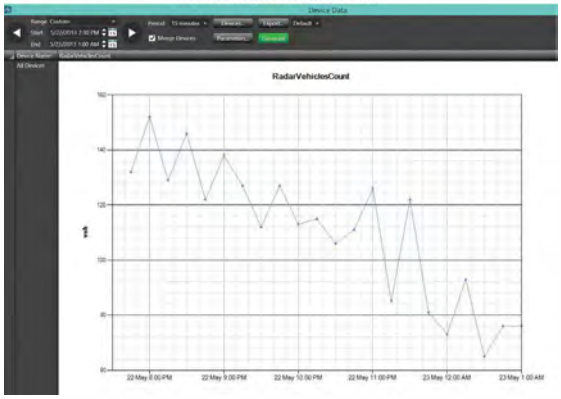
JAMLOGIC SOFTWARE

- 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
- Color-coded speed data
- Use speed data to automate messages on PCMS

REMOTE SPEED DATA



REMOTE VEHICLE COUNT DATA



PORTABLE QUEUE WARNING SYSTEM

Ver-Mac's Speed-Mac VP is designed to be set up quickly for daily lane closures or nighttime asphalt paving applications. Simply deploy the device to point towards traffic, and Speed-Mac instantly begins gathering speed data.

- Speed-Mac 2.0 will automatically autolocate other Speed-Macs and PCMS to begin sequencing speed data.
- Thanks to an algorithm preprogrammed into JamLogic, the system will instantly begin automating slow or stopped traffic messages.

APPLICATIONS

- Automated Queue Warnings
- Portable Automated Queue Warnings
- Zipper Merge
- Traffic Studies

DIMENSIONS & WEIGHTS

Speed-Mac 2.0

- Overall height: 11 in. (275 mm)
- Overall width: 7 in. (178 mm)
- Overall length: 4 in. (90 mm)
- Weight (approx.): 3 lb (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 lb (14.5 kg)

GENERAL SPECIFICATIONS

- **Radar detection:** 100-500 ft
- **Internal battery**: 6amp/ 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

- External battery pack (33 amp/h) for Speed-Mac 2.0

- 1-year warranty on complete units
- 2-year warranty on electronics manufactured by Ver-Mac

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