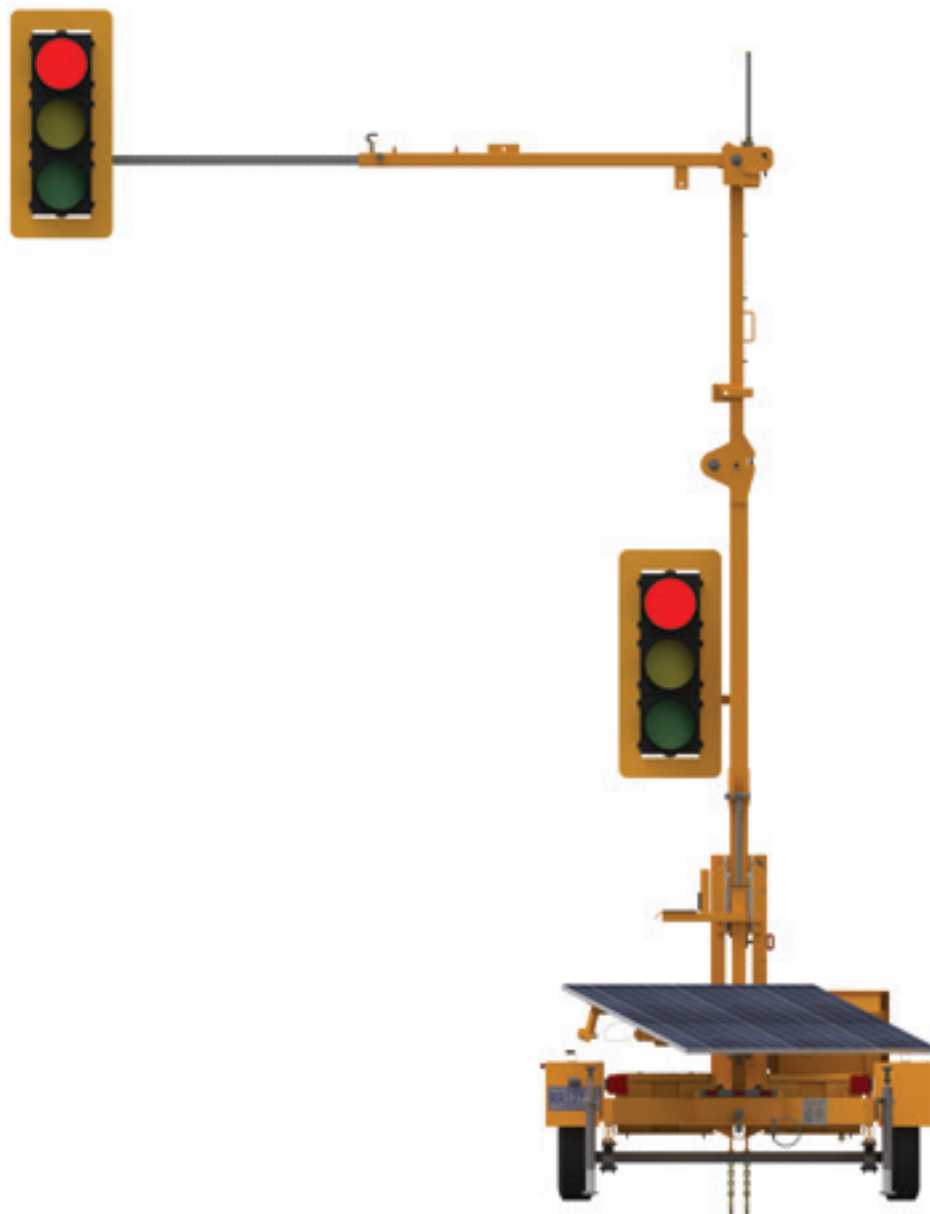




VER-MAC



Ver-Mac's traffic signals combine innovative technology, energy-efficient design and high-quality construction to make them the most reliable and cost-effective traffic signals on the market. Ver-Mac's traffic signals are available in two different technologies for phasing the signals (TLD, TLG), and each technology is available on different trailer/trolley models.

••••• TRAFFIC SIGNAL SERIES

TYPES OF TRAFFIC SIGNALS

TRAILER MOUNTED

TLD-3612G3

Ver-Mac's TLD-3612G3 comes in a set of two portable traffic signal trailers with two signal heads on each. The TLD-3612G3 is solar and battery powered. It comes standard with 12 in. (305 mm) ITE LED lamps and our innovative V-Touch TLD controller. Synchronization is maintained through radio communication and multiple units can be controlled. Save time and money by transporting both units with the same truck. Consult our traffic signal comparative chart to find the product that meets your needs.



Tandem Tow



TLD-2312

Ver-Mac's TLD-2312 comes in a set of two portable traffic signal trailers with one signal head on each. The TLD-2312 is solar and battery powered. It comes standard with 12 in. (305 mm) LED lights and our innovative V-Touch TLD controller. Synchronization is maintained through radio communication and multiple units can be controlled. Consult our traffic signal comparative chart to find the product that meets your needs.



TROLLEY MOUNTED

TLD-1308/TLD-1312

Ver-Mac's TLD-1308 and TLD-1312 come in a set of two portable traffic signal trolleys with one signal head on each. They are both powered by 12-volt deep-cycle batteries and a solar panel can be added for additional autonomy. The TLD-1308 comes with 8 in. (203 mm) LED lights and TLD-1312 with 12 in. (305 mm) LED lights. They are both equipped with our innovative V-Touch TLD controller and synchronization is maintained through radio communication. Multiple units can be controlled. Consult our traffic signal comparative chart to find the product that meets your needs.



TLD-1308



TLD-1312

TLG-1408/TLG-1412

Ver-Mac's TLG-1408 and TLG-1412 come in a set of two portable traffic signal trolleys with one signal head on each. They are both powered by 12-volt deep-cycle batteries and a solar panel can be added for additional autonomy. TLG-1408 comes with 8 in. (203 mm) and TLG-1412 with 12 in. (305 mm) LED lights. They are both equipped with our innovative compact V-Touch TLG controller and synchronization is maintained through GPS communication. Consult our traffic signal comparative chart to find the product that meets your needs.



TLG-1408



TLG-1412

TLD MODELS FEATURES

The TLD models are our most technologically advanced and secure systems. They use radio communication between signals to phase the systems and monitor for conflicts or failures. Constant radio communication between the primary and secondary signals ensures that drivers are always receiving accurate information. Our TLD models feature:



SAFETY

The instant conflicts or failures are detected—the entire system will automatically revert to flashing red.



SCALABILITY

From one unit to multiple units.



FLEXIBILITY

Any unit can be primary or secondary. No need to move around units.



RELIABILITY

Our TLD trailers are designed with Tilt-and-Rotate solar panels to maximize sun exposure and battery life. No generator is required.



INNOVATIVE TECHNOLOGY

The V-Touch TLD graphic controller features an advanced 7 in. (178 mm) color LCD pressure-sensitive display screen. It's the most user-friendly controller in the industry for programming your traffic signals.



REAL-TIME SIGNAL DISPLAY



CREATE MULTIPLE SIGNAL PLANS



CHOOSE FROM 5 DIFFERENT PATTERNS



EASY TO USE PHASE EDITOR

TLG MODELS FEATURES

The TLG models utilize a Global Positioning System (GPS) to synchronize each TLG unit to ensure that the two signals operate in unison. Our TLG family of signals are ideal for quick installation and are extremely cost effective. Our TLG models feature:

SIMPLICITY

Perfect to manage traffic in single-lane application types such as city streets and secondary roads

ECONOMY

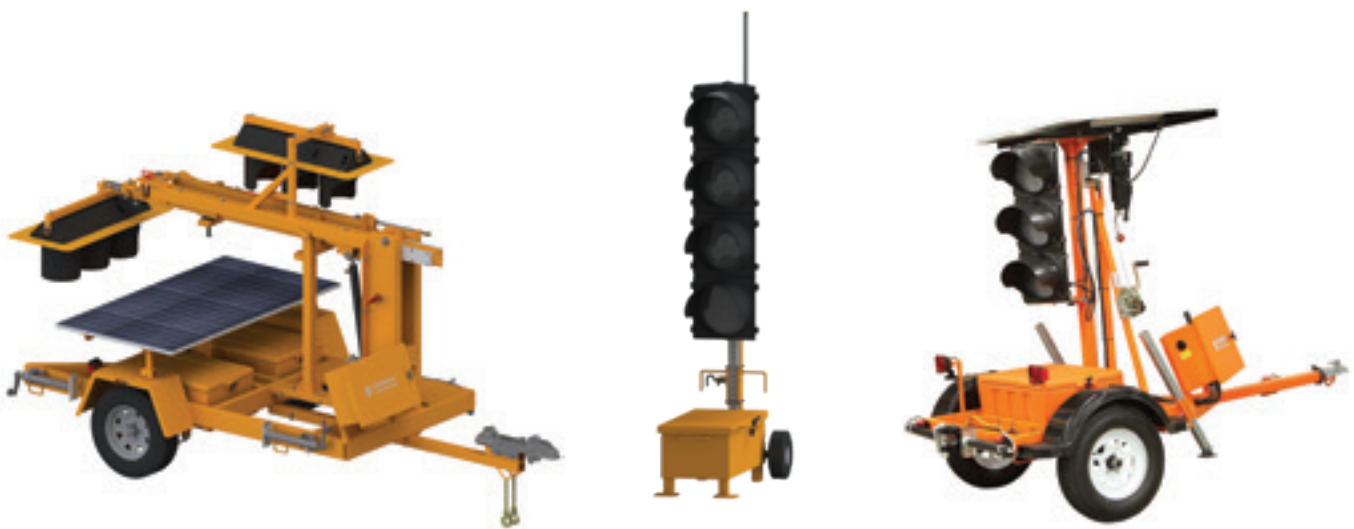
Best value for money on the market!

INNOVATIVE TECHNOLOGY

Our V-Touch TLG graphic controller features a compact 3.75 in. (95 mm) black and white pressure-sensitive display screen

V-TOUCH TLG CONTROLLER

- Intuitive point-n-go icons / no training required
- Continuously displays actual mode, status and battery voltage level
- 4 different options for quick and easy programming:
 - By distance
 - By time
 - Preprogrammed
 - Advanced



Traffic signals in storage and travel position

INCREASE THE SAFETY OF OUR ROADS AND SAVE LABOR COSTS WITH VER-MAC'S TECHNOLOGICALLY ADVANCED TRAFFIC SIGNALS.

MULTIPLE OPTIONS AVAILABLE ON OUR TLD MODELS

TRAFFIC DETECTION

Automatically detects vehicles and adjusts the timing based on the traffic volume. This option greatly helps enhance traffic flow. Your standard traffic signals become **smart traffic signals!**



PRE-EMPTION

Automatically detects emergency vehicles to provide a green light in the travel direction.



REMOTE CONTROL

Our remote controller* allows the user to manually control the traffic signals simply by pushing the appropriate buttons among two selectable phases. The green phase 1 will stay on until the user decides to push the green phase 2 button. An «all red» button is also available for emergency purposes.



PILOT CAR MODULE

The pilot car will typically drive from unit 1 to unit 2 and from unit 2 to unit 1, using our wireless remote controller. By pushing the green phase #1 button, the preprogrammed green light will stay for a specific amount of time and then both units will stay «red» until the driver decides to push the green phase #2 button. The pilot car is useful to enhance workers safety by controlling the vehicles' speed into the work zone.



*Available either in a wired or wireless version

ADVANCE WARNING SYSTEM

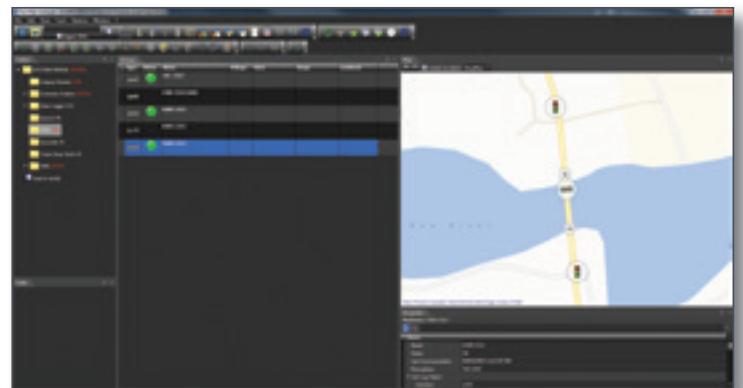
The advance warning system is synchronized in real-time with the traffic signals. Motorists are informed of the upcoming red phase when beacons are flashing. This allows them to have time to slow down and prevent incidents to happen.



JAMLOGIC® SOFTWARE

- Remotely program your traffic signals in advance
- Receive e-mail or text alerts (signal head malfunction, low battery, etc.)
- Perform diagnostics, get current power level status and power history
- View your equipment in a list and GPS map view

*The signal plan needs to be activated on-site for safety purposes.



TRAFFIC SIGNAL COMPARATIVE CHART

TRAFFIC SIGNAL COMPARATIVE CHART

| TYPE OF MOUNT | MODEL # | SIZE | NUMBER OF HEADS PER TRAILER/TROLLEY | | SIZE OF LED LAMPS | | TYPE OF TECHNOLOGY | ABILITY TO CONTROL MULTIPLE UNITS | POWER SUPPLY | APPLICATIONS | | | | | |
|-----------------|------------|-------|-------------------------------------|---|-------------------|-----|--------------------------|-----------------------------------|------------------------------|----------------|---------------|-------------------------------|--------------|-----------------|-----------------|
| | | | 1 | 2 | 8" | 12" | | | | Highway const. | Bridge const. | Special event traffic control | Power outage | Secondary roads | Urban Work Zone |
| TRAILER MOUNTED | TLD-3612G3 | Large | | • | | • | Radio | • | Solar and batteries | • | • | • | • | | |
| | TLD-2312 | Mid | • | | | • | Radio | • | Solar and batteries | • | • | • | | • | • |
| TROLLEY MOUNTED | TLD-1308 | Small | • | | • | | Radio | • | Batteries and optional solar | | • | • | | • | • |
| | TLD-1312 | Small | • | | | • | Radio | • | Batteries and optional solar | | • | • | | • | • |
| | TLG-1408 | Small | • | | • | | GPS time synchronization | | Batteries and optional solar | | • | • | | • | • |
| | TLG-1412 | Small | • | | | • | GPS time synchronization | | Batteries and optional solar | | • | • | | • | • |

