

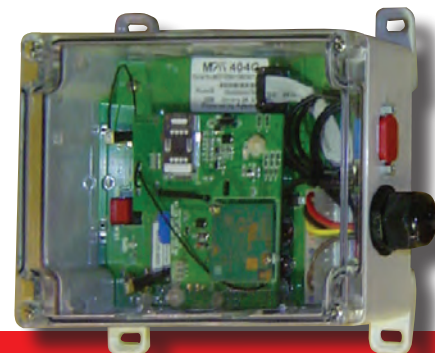
COMPONENT OPTIONS

# REMOTE MONITORING SYSTEM

**PROVIDES INFORMATION ON LOCATION, OPERATING STATUS AND BATTERY VOLTAGE**



Horizon Portable Traffic Signals have been engineered to be component based systems. Add-On components are available to enable designers and engineers to meet their specific project requirements. The Remote Monitoring System (RMS) allows an authorized user to monitor any Horizon Portable Traffic Signal's location, battery voltage, operating hours and system default from an internet enable source. The RMS will also send alerts via text message / e-mail in the event a signal is moved, battery voltage is low, or a system default.



## How It Works



The Remote Monitoring System (RMS) utilizes GPS, internet, and cell phone technology to send text messages to users and to generate internet reports for Horizon Signal Systems. Internet reports include updated information on:

- Jobsite / Location
- Operating Hours
- Battery Voltage
- System Default
- Theft Control

The RMS System gives users access to a satellite view of signal location via a password protected web page. The System allows assignment of multiple authorized users to view the status of a signal(s).

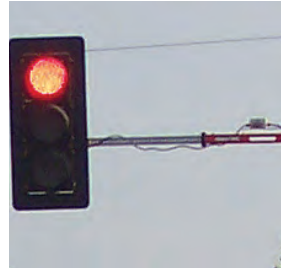
The RMS System utilizes the on board powerplant and has an internal battery to send messages as a failsafe to ensure uninterrupted communication.

## OTHER OPTIONS



### Pre-emption System

The Pre-Emption System provides a green phase in the direction of an approaching emergency vehicle. Indication lights will confirm the system is functioning. Actuation is accomplished through optical communication.



### Wireless Interface System

Allows a Horizon Signal System to be connected wirelessly to and operated by a standard street corner controller. Allows for a quick and easy temporary signal replacement in the event of a signal knockdown or any event to cause a permanent signal to fail. Temporary signal can be connected to a controller in under 30 minutes.



### Pedestrian Signals

Pedestrian Signals can be added to the SQ3TS trailer mounted signal system or the SQ2 cart mounted signal system. They can also be used as a stand alone cart mounted indication for flexible placement. Horizon pedestrian signals conform to MUTCD Standards and are available with a push button actuation.



### Hand Held Remote

A hand held remote can be used to control the signals in the manual handling mode. This allows the user to stop traffic at anytime by switching signals to manual and controlling which phase goes green.



### Pilot Car / Flagger Module

Allows a pilot car driver to operate the Horizon signal system remotely using a hand held transmitter. The operator can provide a green indication to a phase of traffic for a pre-prescribed time, after which the signal reverts to an unlimited red indication.

General specifications for the RMS System are subject to change without notice to reflect improvements and upgrades. Additional information is available. Contact Horizon Signal Technologies for details.



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