



As Reliable as the Sun

Silent Messenger Incident Response Trailer IRT

USES AND ADVANTAGES

A combination unit that includes everything you'll need to respond to an emergency: spills, rock slides, accidents, flooding, etc. Unit includes a message board plus 10 barrels and 25 traffic cones on a sturdy steel trailer, powered by a combination of solar panels and batteries. The display screen measures 92" wide by 54" high, and allows you to add a message to slow traffic, reconfigure lanes or warn of dangers ahead. The sign comes with an integrated GPS receiver, cellular transceiver, and **FREE lifetime cellular service.**



REMOTE CONTROL & GPS TRACKING INCLUDED!

Command Center software allows you to track your equipment using the built-in cellular transceiver and GPS system.

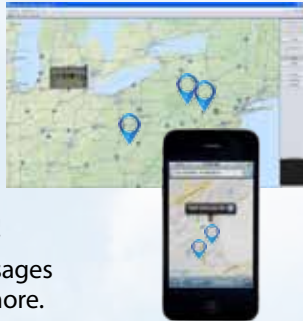
Access units from a map or list. Control units individually or broadcast to a group.

Manage your fleet from your laptop, pc or smartphone... without leaving your desk!

You can build a message library, share messages between boards, schedule messages and more.

Get automatic email notifications when a message changes, if the battery voltage is low, if a pixel fails, or the unit moves.

Keep tabs on your whole fleet. No more misplaced equipment... fewer problems... less downtime!



EASY-TO-USE CONTROLLER

The touch-screen controller needs no manual - it's that easy to use! Includes:

- GPS receiver, cellular transceiver and free cellular service for the life of the board
- Password protection
- Intuitive icons for ease of use
- Scheduling capability
- Fully networkable
- NTCIP version 2 compatible
- Automatic software upgrades



IRT Incident Response Trailer

DISPLAY PANEL

Panel Size	92" x 54" (234 cm x 137 cm)
Pixel Array/Size	27 x 48 pixel array with 1.77" (45 mm) pitch
Character Height	9" to 46" (23 cm to 117 cm)
Panel Construction	All aluminum, modular construction
Panel Face	3/16" polycarbonate, non-glare
Characters per Line	Up to twelve (12)
Number of Lines	Up to four (4)
Number of Fonts	Twelve (12)
Graphics Capability	Full matrix with full animation
Display Technology	LED (amber, 592 mm)
Display Brightness	>10,000 candela per square meter
Display Life Expectancy	10 years typical
Viewing Angle	>30°

TRAILER

Length Overall (in use)	180 inches (457 cm)
Width Overall	92 inches (234 cm)
Width Across Fenders	92 inches (234 cm)
Height Traveling	103 inches (262 cm)
Ground Clearance	13 inches (33 cm)
Height Operating	162 inches (412 cm)
Weight	3,000 lbs. (1,361 kg) approximately (maximum)
Coupler (Class III)	2 inch (50 mm) or 3 inch (76 mm) pintle ring
Brake Actuator	5,000 lb. (2,268 kg) reserve surge
Axle/Suspension	Torq flex, independent
Traffic Devices	Ten (10) barrels (38" high, 35 lb. bases) and twenty-five (25) cones (28" high, 10 lb.) with retro-reflective markings

MEGA-TECH CONTROL CONSOLE

Console Circuitry	Ultra-low power solid state
Console Touchscreen	Waterproof, backlit, full-color GUI, intuitive icon-driven, multi-lingual
Programming Software	Proprietary, field upgradable
Message Capacity	Pre-programmed and user programmed > 250 each
Time-Date Control	Real time clock/calendar (365 day)
Message Display Time	User-selectable (0.1 to 99 seconds)
Display Update Time	Instantaneous
Non-volatile Memory	4 GB Micro SD card
Password Protection	User selectable, multi-level
Operator Interface	Easy-to-use icons (no instruction manual required)
Connectivity	Network (wired or wireless) and NTCIP compatible
GPS	Integrated GPS receiver

ENERGY SOURCE

Operating Voltage	12 volts DC (nominal)
Battery Type	6 volt heavy duty, deep cycle (GC-2)
Number of Batteries	Four standard lead acid (flooded)
Battery Bank Capacity	520 amp hours
Battery Status Indicator	Displays battery voltage, charging activity and low battery condition
Solar Construction	Top-mounted solar panels in aluminum frame
Solar Power Output	Standard 160 watt (nominal)
Solar Charge Controller	Automatic, temperature compensated
Auxiliary Battery Charger	45 Amp, 120 volt AC
Battery Security	Anti-theft steel battery frame bolted to trailer



OPTIONS AND UPGRADES

SOLAR ARRAY OPTIONS - 240 watt or 320 watt

BATTERY UPGRADES

Four (4) maintenance free Gel-Cell or AGM
520 amp/hour capacity

BATTERY CHARGER UPGRADES

• 90 amp - 120 volt AC

SECURITY OPTION

Vandal-Proof Battery Box reinforced steel cage

RADAR OPTIONS

Directional doppler K-Band, user-configured KPH or MPH
Data collection and statistical analysis package included.

Custom Colors available



SOLAR TECHNOLOGY, INC.
7620 Cetronia Rd. Allentown, PA 18106
Phone: 800-475-5442 or 610-391-8600

P/N 500-027-015 Rev. F 2016

www.solartechnology.com



Made in the USA