



SQ3TS® Upgrades



ADVANCED REMOTE MONITORING (ARM)

The ARM system sends text message and/or email alerts, reporting signal status and operation. Battery voltage, signal location, and fault status is reported in real-time or on demand from our dedicated monitoring website.



LEFT TURN ARROW

MUTCD-Compliant left turn arrows can be easily added to any Horizon Signal SQ3TS system. This addition allows for dedicated turning lanes through intersections during construction or standard intersection control.



VIDEO DETECTION

Video actuation allows for true presence vehicle detection via the creation of customized detection zones. This non-intrusive detection system is easily installed and does not require a PC for configuration.



EMERGENCY VEHICLE PREEMPTION

Provides the earliest possible safe green indication in the direction of approaching emergency vehicles. Vehicles can be detected via either optical strobe light patterns or audible siren detection.



CABLED REMOTE

Easily place a call for green at either end of the work zone, or rest both signals of a 2-phase operation in red. Programmed red clearance intervals are always inserted between green indications, preventing the possibility of conflict.



WIRELESS REMOTE

With up to a 1/2 mile range, the wireless remote is the most convenient method of manual signal control. The built-in vibration function works as a confirmation of each button press, and the signals can be switched back to automatic mode with just one tap.



PILOT CAR

The Pilot Car / Flagger module allows a pilot car driver to control a Horizon Signal System remotely via a handheld transmitter for simple, all-day operation.



WORK ZONE LUMINAIRE

The Work Zone Luminaire increases safety by illuminating the Horizon PTS and surrounding work area during periods of low visibility. Photocell sensors automatically activate the light at dusk.

SQ3TS® Portable Traffic Signal

SPECIFICATIONS

Signal Lamp	12" (300 mm) diameter LED
Signal Arm Extension	68 to 109" (173 to 277 cm)
Solar Charge	520W min
Power Source	12V / (16) 6V batteries
Tow Height	89" (226 cm)
Trailer Width	85" (216 cm)
Trailer Weight	3000 lb. (1361 kg)

SQ3TS FEATURES

- Heavy-duty trailer with 25-year design life
- Dual-Processor Malfunction Management System
- Withstands sustained winds of 100 mph, gusts up to 110 mph
- 10-year structural warranty on trailer
- Lifting Ring for easy signal placement
- Hydraulic lift system
- 30 days run time on batteries alone
- Up to 14 phases of traffic per system
- Tandem-tow trailers
- Meets/exceeds NEMA TS-5 requirements for Type TR1 PTS
- MUTCD Compliant

AVAILABLE OPTIONS

ADVANCED REMOTE MONITORING | Receive text and/or email alert notifications of signal operation and battery voltage levels.

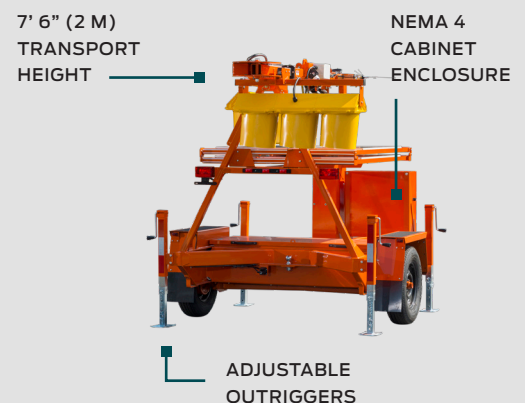
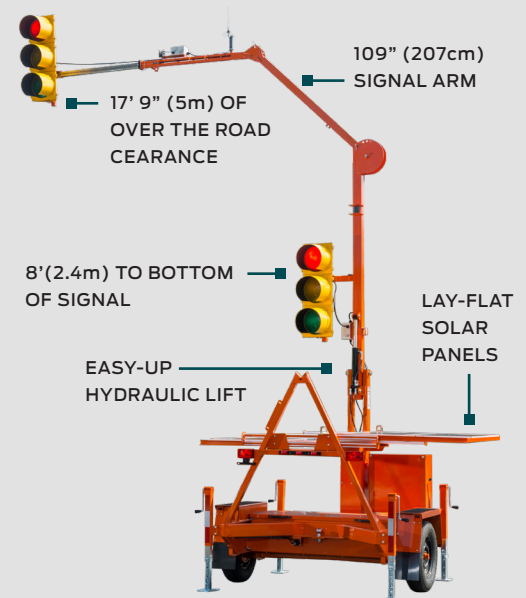
WIRELESS KNOCKDOWN | Allows signal to operate in conjunction with a standard street corner control cabinet.

PRE-EMPTION SYSTEM | Recognizes emergency vehicles and provides earliest safe green indications.

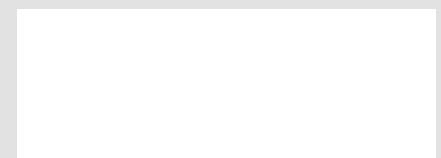
WAIT TIME & FAULT DISPLAY | Informs motorists of wait time before next green indication.

CLEARANCE TIME EXTENDER | Adds extra red time for slow-moving vehicles that need more time to clear the work area.

MESSAGE BOARD INTERFACE | Wireless connectivity with a portable VMS to display signal status messages in real-time.



DISTRIBUTED BY



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SIGNAL

ADVANCING WORKZONE SAFETY

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