

horizon



SIGNAL
TECHNOLOGIES

SQ2[®] System

PORTABLE TRAFFIC SIGNAL SYSTEMS



TS-5 TYPE TR2 / NCHRP 350 TL-3 ACCEPTED MOBILE TRAFFIC SIGNAL

The SQ2 Portable Traffic Signal System has been designed and tested for fast, efficient deployment without sacrificing quality, versatility or safety. The full matrix operating system features an integrated conflict monitor, programming storage and is actuation ready. The operating system is software-based and conforms to the NEMA performance standards. Failsafe programming is accomplished easily and features fixed time, actuated or manual modes. The NCHRP 350 TL-3 accepted SQ2 System is ideal for daily or short term traffic control applications. It provides increased work zone safety while maximizing traffic flow. The SQ2 Portable Traffic Signal meets and exceeds NEMA TS-5 specifications for Type TR2 PTS.

SQ2® Portable Traffic Signal

SPECIFICATIONS

| | |
|----------------------------|---------------------------|
| Signal Carts per System | 4 |
| Signal Heads per Cart | 1 |
| Lamp Type | 12" (300 mm) diameter LED |
| Power Source | 12V / (2) 12V batteries |
| Height: Operating Position | 96" (244 cm) |
| Cart Footprint | 31 x 25.5" (79 x 65 cm) |
| Cart Weight | 420 lb. (190 kg) |

12" (300 mm) LED Signal Lamps

8' (2.4 m) to Bottom of Signal



SQ2 SYSTEM FEATURES

- Bulletproof 900 MHZ radio communication option
- True green time extensions
- Manual, fixed time, & traffic actuated operation mode options
- Wireless remote operation mode option
- Work zone indication light to provide visual cues
- Fast, efficient deployment and relocation
- Fully MUTCD and NCHRP 350 compliant
- Integrated conflict monitoring
- Meets NEMA TS-5 specifications for Type TR2 PTS

AVAILABLE OPTIONS

Solar Charging & Outrigger Package The solar charging option extends battery life while the outrigger option provides additional stabilization.

Traffic Actuators Facilitates traffic actuation via motion sensors.

Pedestrian Crosswalk Signals System can be configured with MUTCD compliant pedestrian crosswalk signal indicators.

Advanced Remote Monitoring System Allows an authorized user to monitor location, voltage, operating hours and system status.

Back Plates Provides an additional background around the signal head to enhance visibility.

Flagger/Pilot Car Module Allows flagger or pilot car driver to control signal status with built in safeguards.

Transport Trailer An enclosed trailer to transport, store and accommodate charging of SQ2 signals.

NCHRP 350 TL-3 Accepted

Since mobile work zones are one of the most dangerous environments for workers and motorists, the SQ2 System has been tested to meet NCHRP 350 TL-3 test standards.

63" (1.6 m) Transport Height

Removable Carting Bars

Never-Flat 10" Rubber Wheels

31 x 25" (78 x 63 cm) Footprint



DISTRIBUTED BY



General specifications for the SQ2® Portable Traffic Signal are subject to change without notice to reflect improvements and upgrades. Additional information is available. Contact Horizon Signal Technologies for details.

Regional Distribution Centers

Philadelphia, PA | Birmingham, AL | Chicago, IL | Indianapolis, IN | Waco, TX | Phoenix, AZ | St. Catharines, ON

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