

SSR PTS-1000q

Portable Traffic Signal



The **PTS-1000q** Portable Traffic Signal is designed to improve safety and efficiency in temporary traffic control applications where traditional flaggers are commonly used.

Compact and quick to deploy, providing reliable and autonomous control for urban and rural single-lane closures, short-term maintenance, and emergency response projects.

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Safety First: Remove flaggers from harm's way and improve work zone safety and efficiency.

Quick Deployment: One person set up, deployed in minutes. Workers out of live traffic when deploying and minimizes disruptions to traffic flow.

Message Board & Gate Arm: Equipped with a message sign to show live wait times to motorists, and a gate arm for added traffic safety and enforcement for workers.

Remote Monitoring & Programming: Control and adjust timing from anywhere for maximum flexibility. Ability to preset your messages and signal timings prior to deployment, saving time and labor on-site.

MUTCD & NEMA TS5 Compliant

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SSR PTS-1000q SPECIFICATIONS

- One person, simple deployment
- Integrates with the entire TESS family of devices
- 180° rotation ITE polycarbonate signal heads
- 12" diameter LEDs with work zone safety light
- 16' vertical clearance height
- Automated 6' gate arm
- 12v with 800 Ahr AGM battery system
- 21-day solar autonomy based on configuration
- 300w adjustable photovoltaic solar array
- Electric over hydraulic deployment lift actuator
- Four leveling and stabilizing outriggers
- 2400 lb +/- trailer weight, narrow 60" W x 96" L
- 2-5/16" ball tandem towable 20' tandem length
- Capable of PTT (push-to-talk) 24/7 communication with the Control Center

CONTROLLER SPECIFICATIONS

- TESS Real-Time Traffic Management System
- Onboard Operation and System Status Display
- Interchangeable Primary/Secondary Designations
- Triple Redundant Wireless Communication Systems: *900 MHz Radio, 2.4 GHz WiFi, and Cellular
- Programmable Remote Control (1/2 Mile +)
- TESSmobile Smartphone App
- SSR Network Watcher Conflict Monitoring
- Unlimited System Fault and Status Log Storage
- Redundant Video and Radar Vehicle Detection
- Dual Traffic and Work Zone Facing Web Cams
- Live Real-Time Video Feeds with Playback
- Self-Contained with -30° to 135° Operation
- NEMA 4, 4X, & 6 Rated Lockable Enclosure



OPTIONAL FEATURES & EQUIPMENT

- Integration with signals controlling driveways and roads intersecting work zone
- Video, Radar, RFID and/or Presence Sensing Detection
- Remote Mobile Comm. System (via Satellite Internet)
- Emergency Vehicle and Railroad Preemption Systems
- Bicycle and Workzone Clearance Time Extender

INTEGRATES TO



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