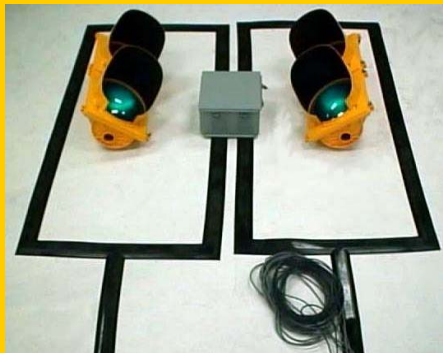


Single Lane Traffic Control Systems

IST International's SWTL and RDTL product lines provides users with the ability to safely and effectively control traffic through restricted flow areas, such as a construction zones and narrow passages. From simple Flagging assistance to complex adaptive networks, IST has a solution that meets safety and budget requirements. Whether your project lasts a few hours or years, IST has a product that will help you accomplish your goals: *Safely, On Time, On Budget, and In Spec.*



2 Signal wired RDTL-AC system with reusable inductive loops, used for shorter distance projects, such as parking garage renovation.

Toll Free: (866) 466-4784 (USA Only)
Phone: (513) 891-1888
Fax: (513) 891-1892
Email: Sales@IntelligentSignals.com



IST International Ltd.

Single Lane Traffic Control Systems

Safety Warning Traffic Lights (SWTL)
Remote Distance Traffic Lights (RDTL)



Leaders in Intelligent Signal Technologies

Toll Free in USA (866) 466-4784
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www.IntelligentSignals.com

IST's Single Lane Traffic Control Signals Keep Operators and the Public Safe.

Selecting the Right Amount of Control

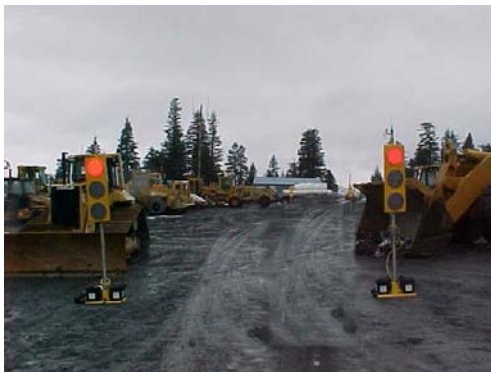
IST offers three basic levels of control: SWTL's are standalone traffic lights that can be manually controlled using an RF remote or other switching method.



8" RDTL Head with long range antenna for National Zoo

SWTL-RTC's have the addition of a precise Real Time Clock. The SWTL-RTC can be used as a standalone or can be programmed for specific intervals and physically linked and synchronized with another SWTL-RTC for true single lane, dual direction control.

Remote Distance Traffic Lights (RDTL) provide users with a deeper level of control by communicating with each other. This interaction increases safety and reliability by advanced conflict monitoring. Additionally, RDLT systems can adapt to traffic conditions through the use of a variety of vehicle detection devices. This keeps traffic flowing smoother and allows you to use personnel more effectively. RDTL's may be operated as single face or dual face units, with single sets of units on each end of a zone (two units total), or two



RDTL System with four 12" head units, microwave vehicle detector. Operating a 1,200 foot zone

sets of units on each end (four units total). Or you can use the same two sets of units for two different projects at the same time. RDTL's communicate via 900MHZ FCC license free radios, or other radio or wired links may be selected. All of IST's traffic products are designed to **Federal Manual of Uniform Traffic Control Devices (MUTCD)** specifications.

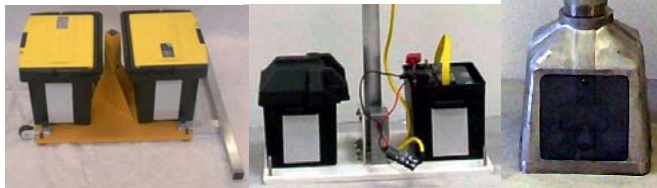


Configuring the Signal Head

IST offers both 8" and 12" ITE signal heads. For portability 8" heads provide lower weight, smaller storage size, better wind resistance and lower cost. More difficult road conditions or restrictions may call for full 12" heads. While most public projects require all three colors (RYG), there are several occasions where just two colors will suffice (RY or RG). LED Lamps offer reliability and low power consumption. For those applications with extreme budget constraints, IST also offers incandescent lamps. Rear facing indicators keep operators in the zone aware of the current condition of the lights.

Physical Support

While IST specializes in ultra-portable devices, some installations may require more robust or permanent mounting. IST offers a variety of mounting options including the standard "Partner" base and self wiring poles, the "Econo" base and treaded pipe, Standard DOT 4" Frangible Base with 1.5"NPT Adaptor, FCC 2" Airfield Frangible base with 1.5"NPT Adaptor, or other custom mountings. Bases may be installed on a trailer or truck. IST also provides hardware for overhead installations.



Power Options

IST controllers operate on 12V DC, convenient for portable applications. Since the lights can run anywhere from 24 to 48 hours on



a single charge, you may want to consider some of the power options IST has to offer. The options include Batteries, AC to DC power Supplies, Solar Panel Chargers, AC Chargers and Generators, and DC to AC Power inverters. These options help to extend mission times and aid in equipment maintenance and management.

Vehicle Detection

RDTL operation can be greatly enhanced by the use of vehicle detection. IST offers many options, each with its own benefit. Advanced microwave sensor require the least amount of external installation. PIR/RF sensors are similar to, but cheaper than the advanced microwave sensor. Pneumatic detectors are cheap and easy to use. Inductive loops provide excellent reliability and better zone control.

Accessories

Convenience and productivity can be enhanced with accessories such as rough-road wheels, carrying cases and bags, tool kits, advanced signage, advanced profiling software, network monitoring modules, drone heads. Rear facing indicators keep operators in the zone aware of the current condition of the lights.



IST International Ltd.

11121 Deerfield Road, Unit F
Cincinnati, OH 45242
Toll Free: (866) 466-4784
Phone: (513) 891-1888
Fax: (513) 891-1892
E-Mail: Sales@IntelligentSignals.com