OPTICOM™
IntelliGreen
PRIORITY CONTROL FOR FIRE STATIONS

Smarter traffic control to streamline fire rescue operations

Opticom™ IntelliGreen combines reliable, mission-critical performance with interoperability and scalability for superior traffic priority control. Positioned at intersections near fire stations, it incorporates patented, intelligent radio/GPS technology to quickly preemt traffic control lights for faster, safer response.

Secure safer emergency passage
Smarter traffic control is now available with one press of a button. Emergency personnel can preemt signals for one or more directions of traffic from the Opticom™ IntelliGreen unit. The always-ready priority control system includes patented GTT technology for precise, secure radio/GPS signal reliability that delivers faster performance when you need it most. No obstructions. No delays. Opticom™ IntelliGreen minimizes green cycle times near the fire station to ensure faster, safer passage through the first intersection for emergency responders.

Maximize resources for more control
Safety extends beyond the nearest intersection. Emergency transportation networks are expanding — with smaller budgets and greater complexities. Opticom™ IntelliGreen is your low-cost entry point to maximize resources and streamline operations in an intelligent radio/GPS infrastructure. It’s more than a point-to-point solution. Invest now in the scalable technology to expand your traffic control priorities quickly and cost-effectively for today’s emergencies and tomorrow’s evolution.

- Patented radio/GPS technology — Ensure signal reliability with patented wireless communication to nearby Opticom™ GPS-equipped intersections.
- Scalable — Ease into a long range radio/GPS priority control migration plan with minimal capital expense.

When used with Opticom™ Central Management Software
- Custom fire station preemption reporting — Document and track usage at the intersections activated by IntelliGreen with custom reports generated by Opticom™ Central Management Software.
- Real-time monitoring — Manage, maintain and monitor device activity to respond proactively if an interruption should occur.
- Interoperability — Communicate directly via secure, dedicated radio frequencies with other agencies to ensure immediate response.

Global Traffic Technologies, LLC
(GTT), formed in 2007 from 3M’s pioneering Intelligent Transportation Systems business, is the manufacturer of Opticom™ priority control systems and Canoga™ traffic sensing systems.
IntelliGreen
Intelligent traffic management to the rescue

Intuitive, reliable priority control
1. Signal triggered by emergency personnel or alarm system located in fire station (base unit offers choice for signal preemption at one or more intersections).
2. The wireless IntelliGreen signal communicates with Opticom™ GPS-equipped intersection equipment.
3. Once activated, IntelliGreen quickly sends a request to provide a green light for exiting emergency vehicles and a red light for other traffic.

Specifications

Components
1 Opticom™ GPS Base Station Unit
   Dimensions (L x W x H): 11.75” x 11.25” x 6.5” (29.8 cm x 29.6 cm x 15.2 cm)
   Weight: 13.0 lb. (5.9 kg)

1 Opticom™ Model 1010 Radio/GPS Unit
   Dimensions (L x W x H): 9.0” x 6.5” x 6.0” (22.9 cm x 16.5 cm x 15.2 cm)
   Weight: 1.8 lb. (0.816 kg)

Model 1070 Radio/GPS Unit Installation Cable
   150 feet (45.72 m) — additional cable available

Power Requirements
100 – 240 VAC, 50/60 Hz, 0.7 amp

It is recommended that a qualified electrician install the IntelliGreen equipment. It is recommended that a GTT-trained technician or GTT-certified dealer installs intersection equipment and performs system configuration.