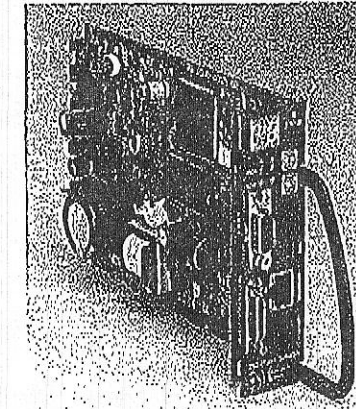


OPTICOM™ INFRARED SYSTEM OPTICOM™ MODEL 762 PHASE SELECTOR

OPTICOM™ INFRARED SYSTEM MATCHED COMPONENT PRODUCT



Description

The Opticom™ Model 762 Phase Selector is a plug-in, two channel, dual-priority, encoded signal device designed for use with Opticom™ Infrared system emitters and detectors. Model 762 can be installed directly into the input files of Type 170 Traffic Controllers equipped with priority phase selection software, and in virtually any other traffic controller equipped with priority phase selection inputs and related software. Phase selectors are powered from AC mains or 24 VDC and contain their own internal power supply to support Opticom™ infrared system detectors.

The Opticom™ Model 760 Card Rack is required when input file space is not available.

Opticom™ Model 762 recognizes and discriminates among three distinct Opticom™ emitter frequency rates via Opticom™ detectors: high priority, low priority and probe frequency. Within each of these three frequency rates, the phase selectors further discriminate among 10 classes of vehicle identification codes, with 1,000 individual vehicle codes per class — 10,000 total per frequency rate.

The Opticom™ Model 762 internally records each activation of the system.

Each entry contains:

- | | |
|--|--|
| • Intersection name | • If preempt has been requested and reason if not |
| • Date and time of the activity | • Green signal indications displayed at the end of the call |
| • Vehicle class code of the activating vehicle | • Time spent in the final displayed greens |
| • Activating vehicle's ID number | • Duration of the activation |
| • Channel called | • Capability to playback up to the last 250 seconds of the 100 most recent calls |
| • Relative priority level | |

Global Traffic Technologies, LLC
(GTT), formed in 2007 from
SIM's pioneering Intelligent
Transportation Systems business,
is the manufacturer of Opticom™
priority control systems and
Canoga™ traffic sensing systems.

