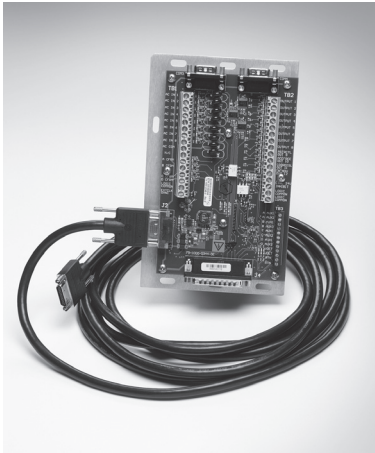


OPTICOM™ PRIORITY CONTROL SYSTEM

OPTICOM™ MODEL 768 AUXILIARY INTERFACE PANEL

OPTICOM™ SYSTEM COMPONENT FOR ENVIRONMENTS WITH INFRARED AND GPS TECHNOLOGY



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.

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Description

Opticom™ Model 768 Auxiliary Interface Panel (AIP) provides a convenient method to interconnect Opticom™ Model 762 and 764 Phase Selectors with terminals inside a traffic cabinet. The 768 AIP is designed specifically for use with the Model 762 and 764 phase selectors. It is not intended to be used with other model phase selectors.

The Opticom™ Model 768 contains terminal blocks for wiring to the traffic cabinet signals, two DB-9 RS-232 communication ports, and a 44-pin connector for connecting legacy auxiliary interface panels and auxiliary harnesses. A twelve foot cable is included which connects the AIP to the Model 762 or 764 Phase Selector.

Features

- Accessible interconnections to cabinet wiring along the edge of card
- Rugged construction - circuit card affixed to 16 AWG aluminum mounting plate
- Connectors for auxiliary detector inputs and power can accommodate 16 to 28 AWG wires
- Connectors for all other inputs and outputs can accommodate 16 to 22 AWG wires
- Easy-to-read terminal designations

Applications:

The Model 768 AIP is used when any of the following features and/or capabilities is needed:

- Green sensing or green light verification
- Auxiliary infrared detector inputs
- Additional preempt outputs
 - Turn signal dependent operation (For 764 in GPS operation)
 - Separate outputs for high and low priority
- Clock sync input (In IR operation)
- Clock sync output (For 764 in GPS operation)
- Confirmation light outputs
- Disable outputs
- Two additional RS-232 COM ports
 - GPS data input (In IR operation)
 - GPS data output (For 764 in GPS operation)
 - Additional Serial COM port

The Model 768 AIP includes a connector for connecting an existing auxiliary harness or auxiliary interface panel to green sense and/or auxiliary detectors. Simply remove the old AIP or harness and connect it directly to the 768. If the existing harness or AIP is being used for other functions, it will be necessary to move the wires to the Model 768 AIP.

Physical Dimensions

Length: 7.25 in. (18.4 cm)
Width: 4.5 in. (11.4 cm)
Height: 1.0 in. (2.5 cm)
Weight (with cable): 1.4 lbs. (635 g)
Cable: 12 ft (3.6M)

**For complete warranty information
visit www.gtt.com.**



*Building critical
traffic connectionssm*