



Global Traffic
Technologies

Opticom™ Infrared System

Opticom™ Model 760 Card Rack

An Opticom™ Infrared System Matched Component Product

October 2007

Description

The Opticom™ Model 760 Card Rack facilitates easy Opticom™ Infrared System Phase Selector and Discriminator installation. It can be used in traffic control cabinets without card slots for Opticom™ Infrared System components.

The Opticom model 760 consists of a metal enclosure with a dedicated card slot for one Opticom phase selector or discriminator. Either two- or four-channel units may be used.

The front panel of the Opticom model 760 includes a terminal strip for connecting the optical detectors, as well as a 9-pin circular connector and harness to connect the Opticom infrared system phase selector's or discriminator's outputs and 120 VAC to power the phase selector or discriminator.

Features

- Conveniently located connections and harnessing (in the front)
- Rugged construction
- Stable "on-shelf" mounting
- Easy-to-read terminal designations
- Easy installation



Opticom™ Model 760 Card Rack

TB1 Terminal Block Connections

The terminal block on the front of the Opticom™ Model 760 Card Rack, TB1, is intended for primary optical detector connections for channels A, B, C and D. It is located on the left side of the Opticom model 760.

Pin	Function
1	Channel A (1) primary detector signal input
2	Channel B (2) primary detector signal input
3	Channel C (3) primary detector signal input
4	Channel D (4) primary detector signal input
5	Detector power
6	Detector power
7	Detector ground
8	Detector ground

J1 Connector

The J1 connector is intended to provide all the signals needed to connect Opticom™ Phase Selectors directly to a NEMA controller. It is located next to TB1.

Pin	Function
1	115 VAC (AC+)
2	AC return (AC-)
3	Chassis ground
4	Not used
5	Channel A priority control output
6	Channel B priority control output
7	Channel C priority control output
8	Channel D priority control output
9	Logic ground

Physical Dimensions

Opticom™ Model 760 Card Rack

Length: 8.5 in. (21.6 cm)

Width: 5.25 in. (13.3 cm)

Height: 5.25 in. (13.3 cm)

Weight: 1.37 lbs. (620 g)

Important Notice to Purchaser:

EXCEPT FOR THE LIMITED WARRANTIES SET FORTH IN THIS DOCUMENT, GLOBAL TRAFFIC TECHNOLOGIES (GTT) MAKES NO OTHER WARRANTIES AND EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.

GTT will, at its sole option, repair, replace or refund any amounts paid for any Opticom™ Infrared System component found to be defective in materials or manufacture within five (5) years from the date of shipment from GTT. See "Warranty and Extended Coverage" for details and limitations of the coverage plan. GTT will provide a functioning replacement component at a standard charge per unit for an additional five (5) years.

GTT warrants future system operability coverage as described herein. The warranties set forth in this document shall not apply to (A) incandescent lamps (confirmation lights) or (B) any Opticom infrared system components which have been (1) repaired or modified by persons not authorized by GTT; (2) subjected to incorrect installation, misuse, neglect or accident; (3) damaged by extreme atmospheric or weather-related conditions; or (4) subjected to events or use outside the normal or anticipated course.

IN NO EVENT SHALL GTT BE LIABLE FOR ANY INJURY (INCLUDING, WITHOUT LIMITATION, PERSONAL INJURY), DEATH, LOSS, OR DAMAGE (INCLUDING, WITHOUT LIMITATION, PROPERTY DAMAGE), WHETHER DIRECT, INDIRECT, INCIDENTAL, SPECIAL, CONSEQUENTIAL OR OTHERWISE, ARISING OUT OF THE USE OR INABILITY TO USE, REPAIR OR FAILURE TO REPAIR, ANY GTT PRODUCT, REGARDLESS OF THE LEGAL THEORY ASSERTED. THE REMEDIES SET FORTH IN THIS DOCUMENT ARE EXCLUSIVE.

Sale and use of the Opticom infrared system is expressly restricted to authorized agencies of government customers, within their specific jurisdictions. However, because the infrared signal generated by the Opticom infrared system is not exclusive, GTT does not warrant exclusive activation by purchaser. Authorized users who desire to use or coordinate use of the Opticom infrared system with that of other jurisdictions must first obtain the prior written approval of each authorized user in the jurisdiction where use is sought.



Global Traffic
Technologies

Global Traffic Technologies, LLC
7800 Third Street North
St. Paul, Minnesota 55128-5441
1-800-258-4610
651-789-7333
www.gtt.com

Global Traffic Technologies Canada, Inc.
157 Adelaide Street West
Suite 448
Toronto, ON M5H 4E7
Canada
1-800-258-4610

Opticom is a trademark of Global Traffic Technologies, LLC.

Used under license in Canada.

Please recycle. Printed in U.S.A.

© Global Traffic Technologies, LLC 2007

All rights reserved.

75-0500-2252-6 (A)