

# FIRE STROBE 2000

EMERGENCY VEHICLE STROBE DETECTOR

The FIRE STROBE 2000 provides rapid access to automatic gates and secured areas. The FIRE STROBE 2000 opens gates when activated by an emergency vehicle equipped with the standard operational strobe. The most common frequency is (14Hz).

**Now with STROBEWATCH™.**



## FEATURES:

### RAPID DETECTION OF ANY EMERGENCY STROBE

- Fire
- Paramedics
- Police
- 911 Response Vehicles
- Double and Quad Flash Strobes
- 100% Digital

### FIELD PROGRAMMABLE

- Coated Optics
- 2 Relay Outputs
- Relay Timing

### EASE OF INSTALLATION

- FIRE STROBE 2000 can be installed on any existing gate system
- Sensitive photodiode complete with PVC housing and lens assembly can be mounted in a variety of ways
- FIRE STROBE 2000 is designed to accommodate AC or DC operation
- Units are provided with a 12 VAC plug in transformer

MANUFACTURED BY:  
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## BASIC CONCEPT

The FIRE STROBE 2000 signal is received optically by line of sight. The range varies with the ambient light and intensity of the strobe emitter. A typical range varies from 150 feet to 500 feet. The detector will not allow false operation with unwanted signals from radio interference and/or flashing headlights or loud sounds.

The acquisition time from the emitter light source to the discriminate module is approximately .5 seconds.

The FIRE STROBE 2000 is widely used for security /electric gate access. It can be used for firehouse garage doors and other related access needed by emergency vehicles. This emergency-vehicle strobe detector provides rapid access to any gated community that has been serviced by fire and emergency equipment from the OPTICOM\* STROBE SYSTEM.

## INSTALLATION & TESTING

Complete installation instructions are provided with the FIRE STROBE 2000 for simple hook-up of the unit to interface with your gate or access control. Two dry contacts are also provided for bi-directional operation where needed

The photoeye assembly is typically mounted 8 feet to 10 feet above the street level and is aimed for optimal strobe signal. (A total of (2) photoeye assemblies may be used). A 12 VAC power supply is provided with the FIRE STROBE 2000 system.

Testing can be accomplished with the optional fire strobe transmitter tester. This FIRE STROBE 2000 transmitter will enable a throughput of signals from the photoeye assembly to the relay output. This is a hand-held transmitter which operates via 9-volt battery.

## TECHNICAL SPECIFICATIONS

1. Frequency 14.035 Hz+/- .25 Hz for class II signals. For OPTICOM\* emitters, double, quad flash strobes 140-170 fpm. 100 % digital.
2. The FIRE STROBE 2000 is fully compatible with the OPTICOM\* priority control emitter.
3. Now with Strobewatch™ programmable for double and quad flash, vehicle mounted strobes. These are usually found on police and other emergency vehicles.
4. The strobe acquisition time is .5 seconds.
5. The PC board construction is mounted in the enclosed 8" x 8" x 4" rain-tight NEMA J-Box.
6. The weight is approximately seven pounds.
7. The power requirements are 12/24 volts AC/DC non-polarity conscious, approximately 1 watt draw.

## WARRANTY

The FIRE STROBE 2000 has a one year warranty when used according to the manufacturer's specifications. This warranty does not apply when the FIRE STROBE 2000 has been abused, over voltaged, or altered in any way. The warranty coverage is at the sole discretion of the manufacturer. This unit is to be used only for the operations described above.

\*OPTICOM is a trademark of 3M