

# Low Current Strobeswitch

## General Description

Our Low Current Strobeswitch (AC-SSLC1014) is a compact, low-current detector for automatically activating emergency vehicle warning systems when emergency vehicles depart a fire station. The Strobeswitch features a low idle current draw, making it ideal for solar-powered installations. Strobeswitches are activated by the optical emitters used by most fire department emergency vehicles to control traffic signals en route to an incident. Our Strobeswitch features a 1/2" female pipe hub mounting base. Like all Strobeswitch detectors, it is compatible with optical signals from all Tomar Strobecom and GTT OPTICOM emitters.

## How It Works

The emergency vehicle uses a special optical emitter to transmit a signal. The Strobeswitch receives this signal, and if the signal format is correct, activates its solid-state output relay. The relay output may be used to control flashing beacons and signs, security gates, and fire department garage doors.

Signaling is optical by line of sight. The Strobeswitch can operate indoors or outdoors, in bright sunlight, or in any weather. The unit is not susceptible to radio frequency interference, and uses digital frequency discrimination to reject unwanted signals, such as flashlights, emergency vehicle lighting systems, flashing signs, etc.

## Specifications

Item	Description
Range	200 feet typical, but depends on intensity of optical emitter
Field of View	60° conical
Signal Acquisition Time	1.5 seconds
Function Indicator	The unit has an internal red LED that illuminates whenever a proper optical signal is received. This feature can be used with the optional Hand Held Tester to verify the unit's operation.
Input Power Output rating	<ul style="list-style-type: none"> <li>• 12VDC 4mA idle current, 24VDC 2mA idle current, 24VAC 5mA idle current</li> <li>• SPST solid-state relay output 100mA @ 120VAC</li> <li>• 0–30 minute time delay plus test mode</li> </ul>
Multiple Directions	Multiple detectors can be paralleled to activate beacons from multiple directions

## Ordering Information

Model No.	Description
AC-SSLC1014	Strobeswitch Low Current Detector
AC-1760-14	Hand held tester for Emergency band
AC-1760-10	Hand held tester for Transit band



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**Hand Held Tester:**  
The sale of this item is restricted to state and local governments and to authorized distributors only.

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