



STROBESWITCH™ GATE ENTRY SYSTEM



1790-1014 & SSLC-1014



2795-2 & SSLC-2



1760-14
Hand Held Tester



1790M-2
Power Module

The Tomar SSLC-1014 (low-current) & 1790-1014 (standard) Model Strobewitch™ Detectors are compact and low cost. They detect optical signals from emergency responders to provide access into gated areas and shorten response times when it matters most. The SSLC-1014 features a low idle current draw making it ideal for solar-powered gate openers. The 1790-1014 & SSLC-1014 interface with all Tomar & competitors optical emitters used by most first responders to control traffic signals en route to fires, collisions & medical responses. They feature a 1/2" female pipe hub for easy mounting.

HOW IT WORKS:

Emergency responder vehicles transmit a continuously flashing optical signal. The Strobewitch Detectors receive this signal, verify authenticity, then activate a solid-state output relay. The relay contacts may be used to control security gates, fire department garage doors and other devices. Signaling is optical by line of sight (use 2795-2 or SSLC-2 for improved detection), can operate indoors or outdoors and in any weather. These units are not susceptible to radio frequency interference, and use a digital frequency discrimination to reject unwanted signals such as flashlights, flashing signs, etc.

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



1790-1014 STROBESWITCH™ Specifications

Item	Description
Range	200 feet typical, but depends on intensity of optical emitter
Field of View	10° vertical, 90° horizontal
Signal Acquisition Time	0.64 seconds
Function Indicator	The unit has a red LED that illuminates whenever a proper optical signal is received. The LED is visible thru the viewport and can be seen for 25 feet or more. This feature can be used with the optional Hand Held Tester to verify the unit's operation.
1790M-2 Power Module	12–24VDC AC/DC DPDT relay output 2A @ 30VDC, 0.6A @ 120VAC 0–30 minute time delay plus continuous latch mode Remote reset

SSLC-1014 Low Current Detector 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	SSLC has an internal LED function which allows the installer to confirm proper function at time of installation.
Input Power Output rating	12VDC 4mA idle current, 24VDC 2mA idle current, 24VAC 5mA idle current SPST solid-state relay output 100mA @ 120VAC 0–30 minute time delay plus test mode
Multiple Directions	Multiple SSLC-1014 detectors can be paralleled to activate gate opener from multiple directions

Ordering Info

Model Number	Description
SSLC-1014	Low Current Detector
SSLC-2	Low Current Dual Detector
1790-1014	Detector only
1790-1014-S&M2	Detector and power module
1790-M2	Power module only
2795-2	Dual Strobeswitch and power module

Available Options

Model Number	Description
1760-14	Hand held tester for Emergency band
1760-10	Hand held tester for Transit band