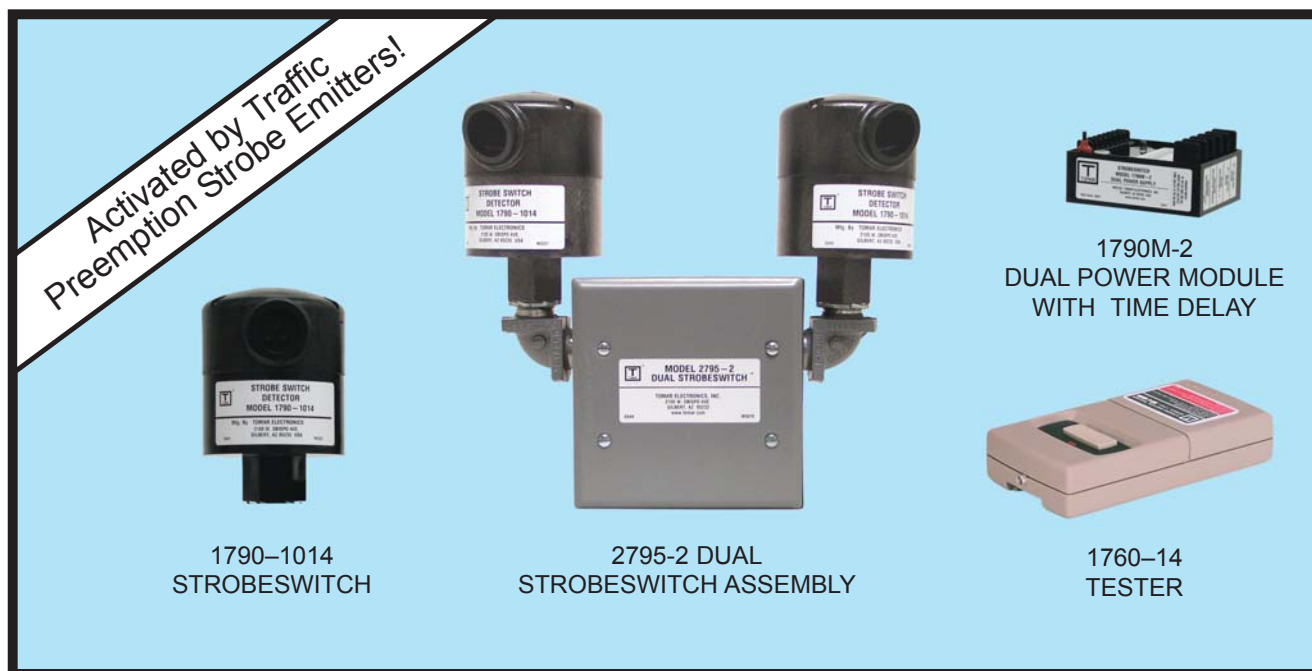


TOMAR ELECTRONICS, INC.

**MODEL 2795-2
DUAL STROBESWITCH DETECTOR**



The model 1790 STROBESWITCH™ is a compact low cost detector which detects a special strobe light signal and opens access gates to allow quick entrance. The TOMAR Strobelight Access System detector is activated by the strobe emitters used by most fire department emergency vehicles to control traffic signals en route to a fire. TOMAR 1790-1014 STROBESWITCH™ interfaces with the TOMAR model 780-1228-PRE or 3M OPTICOM®* traffic preemption optical signal emitters. The model 1790 features a 1/2" female pipe hub mounting base. A hand held tester is included with each system.

HOW IT WORKS:

The emergency vehicle uses a special strobe light to transmit a continuously flashing optical signal. The TOMAR 1790-1014 STROBESWITCH™ receives this signal, and if the signal format is correct, activates a 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, and the 1790 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.

ORDERING INFORMATION

Model No.	Description
1790-1014	Stroboswitch only
1790-1014-S&M2	Stroboswitch and Power Module
1790-M2	Power Module Only
2795-2	Dual Stroboswitch and Power Module Assembly
Options	
1760-14	Extra Hand Held Tester for high priority
1760-10	Extra Hand Held Tester for low priority

SPECIFICATIONS

1790M-2	12-24V AC/DC DPDT Relay Output 2A @ 30VDC 0.6A @ 120VAC
	0-30 Minute Time Delay Remote Reset Continuous Latch Mode

*Registered trademark of 3M.