



Smart Crosswalk™ Motion Detector

Part Number: LGS-MOTION-ACT-UNIT

Description: Motion Detector for Crosswalk System Activation

Application Notes:

The Motion Detector unit is used in combination with our Smart Crosswalk™ In-Roadway Warning Light (IRWL) systems, including flashing LED signs, and Rectangular Rapid Flashing Beacons (RRFB). The unit detects objects moving towards the sensor with broad range detection up to a 110 degree viewing angle of 70 feet wide and 50 feet deep. When objects approach the motion detection device, the IRWL crosswalk system is energized to operate.

Ideal for enclosed spaces such as parking garages, exit/entry zones, or applications needing generalized, non-directional smart sensing capabilities.

Features/Benefits:

- UL Listed
- 12 volt DC
- RF immunity
- Time adjustable
- Advanced detection logic
- Simple electrical connections
- Horizontal lock, no-tool joints



General Performance Specifications

Parameter	Value
Power consumption	1 Watt
Temperature compensation	Sensitivity adjusts automatically for consistent detection in hot and cold ambient temperatures
Voltage	12 Volt AC/DC, 96 Watt capacity
Detection	110° View
Wide sensitivity control	Adjustable from 30% to 100%
Color	Bronze

