

STANDARD MOTION ACTIVATED INTERSECTION POLE



Cross Alert Systems, Inc. specializes in technological safety solutions.

Our patented, motion activated early warning system for recreational path/public road intersections provides an active warning to vehicles that a path user is at or near an intersection. This system provides enhanced visibility at mid-block intersections where the line of sight is poor for vehicles to see oncoming path users.

- 1 SIGN IS SOLAR POWERED WITH BATTERY BACKUP
- 2 YELLOW CAUTION SIGN AND YELLOW FLASHING LIGHT ACTIVATED FOR VEHICLES
- 3 STOP SIGN AND RED FLASHING LIGHT ACTIVATED FOR PATH USERS
- 4 LIGHTS ARE TRIGGERED BY PATH ACTIVITY VIA A MOTION SENSOR; MAXIMUM DETECTION RANGE OF 50 FEET
- 5 SYSTEM ON THE OPPOSITE SIDE OF THE ROAD ACTIVATED BY RADIO SIGNAL WHEN MOTION IS DETECTED
- 6 ONCE ACTIVATED, LIGHTS CAN RUN FOR A CONFIGURED DURATION OF TIME

System Specifications

- 10 foot aluminum certified breakaway sign pole
- 18 inch stop sign
- 30 inch informational sign
- Red and yellow 8" or 12" sealed LED lights
- Radio frequency of 900 Mhz, FCC approved spread spectrum
- CSA/UL Listed
- 500' Radio transmission distance
- 20 watt solar panel
- 12 Vdc battery backup
- Integrated trail counter
- Trail counts are downloadable via RF to a PC
- Continuous lights blinking, battery only = 32 hours
- Microwave or infrared weather-proof detector
- Smart timer shuts system down at night
- Adjustable flashing light timer
- System meets or exceeds all state and federal DOT standards
- 2 year full warranty on workmanship and components

* Cross Alert Systems uses ISO 9001:2000 and ISO 9002 certified manufacturers.

Benefits

- Vehicles are forewarned that path users are at or near the intersection
- Sign only flashes when path users approach the intersection
- Reinforces existing right of way rules
- System does not need to be tied into the electric grid
- Path users do not have to leave path to trigger system (passive detection)
- System emphasizes need for path user to stop
- Integrated trail counter

System Cost

- 2-pole intersection, delivered, \$13000* (*price as of 4/1/2011, subject to change)

Installation Notes

- Typical installation cost of approximately \$1200/pole, for labor and material for foundation
- Follow State DOT guidelines for installation requirements
- Cross Alert Systems, Inc. offers an optional maintenance program