



Cross Alert Systems specializes in technological safety solutions. Our patent pending, 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.



Once activated, lights can run for a configured duration of time

Sign is solar powered with battery backup

Motion detector maximum detection range of 100 feet

Yellow caution sign and amber flashing light activated for vehicles

Lights are triggered by path activity via a motion sensor

Stop sign and red flashing light activated for path users

System on the opposite side of the road activated by radio signal when motion is detected

**System Specifications**

- 10 foot tapered aluminum 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
- 500' Radio transmission distance
- 30 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
- Infrared narrow or wide beam weather-proof detector
- Smart timer shuts system down at night
- Adjustable flashing light timer
- System meets or exceeds all state and federal DOT standards
- One 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 (ACTIVE WARNING)**

**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, \$16000\*  
\* price as of 7/1/2005, 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 offers an optional maintenance program

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