

# J-5 : Pedestrian Sensor



WTI's latest innovation, the J-5 pedestrian sensor, improves pedestrian safety while reducing unnecessary delays for both pedestrians and motorists. The time allowed for the pedestrian to leave the area before placing a new call is programmable.

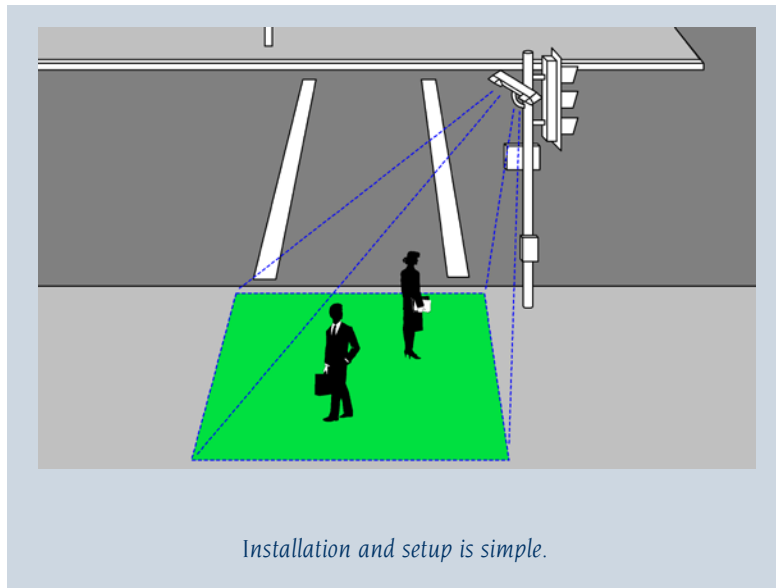
The J-5 will detect pedestrians to keep both pedestrian and vehicle traffic flow moving more efficiently. This monitoring allows the controller to adjust the "walk" cycle in real time to simultaneously enhance the safety needs of slower pedestrians and minimize traffic delay with faster pedestrians.

The J-5 provides a unique solution to the often competing demands of safeguarding pedestrians on the one hand and improving traffic flow, increasing fuel efficiency and reducing pollution on the other. As soon as a pedestrian enters the user-defined detection zone, the software in the J-5 informs the traffic controller so it can efficiently make a decision when to change to allow the pedestrian to cross the street.

## Features:

- All-in-one, above-ground, camera and detector system.
- High-accuracy detection of pedestrians crossing and waiting to cross a road.
- Housing is weatherproof, providing exceptional performance in all climates and is unaffected by fog, rain or snow.
- Superior low-light performance.
- Reliable detection.
- Cost-effective solution for pedestrian traffic and surveillance.
- Quick and easy to install and configure.
- CE and RoHS compliant.





## Setup is a Snap

WTI's J-5 has been designed to integrate seamlessly into existing traffic sensor installations as well as to be quick and simple to install at a new location.

The included configuration software is user-friendly and requires no specialized knowledge to set up your detection zones.

The J-5 comes with a simple configuration wizard programs the sensor via a PC (running Windows XP or Vista). The Wizard allows the user to configure the system, update software, and view state and operation logs. User-friendly menus define site specific detection information such as the region of interest and the direction of travel required to activate an output.

## Safety First!

The J-5 uses stereo vision to detect pedestrian traffic in and around intersections and pedestrian crossings. Real time stereo vision allows the J-5 to detect objects in the sensor's field of view while ignoring confusing artifacts, such as shadows, reflections, water, snow or debris on the ground, etc. The J-5 has unparalleled detection accuracy and false alarm rates.

Roads aren't very safe for people, whether they are on foot, on a bicycle or in a wheelchair; people in motor vehicles have a hard time seeing them.

The current push-button pedestrian crosswalks have helped make the roads a bit safer for pedestrians, however people frequently decide not to push them, some abuse the buttons and some even vandalize them. The J-5 will prolong the pedestrian signal, holding traffic, until the person has safely crossed the intersection.

