

MigmaMidblock™

for detecting pedestrians at midblock crossings

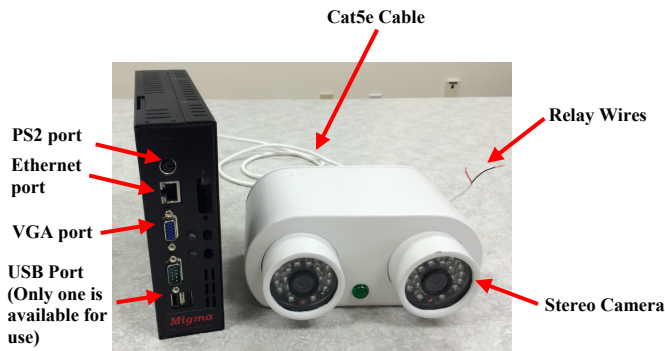
Installation Instructions

General Description

MigmaMidblock™ is a product that is specifically designed for detecting pedestrians at street midblock crossings. Upon the detection of pedestrians, it can send the relay signal to a beacon flasher.

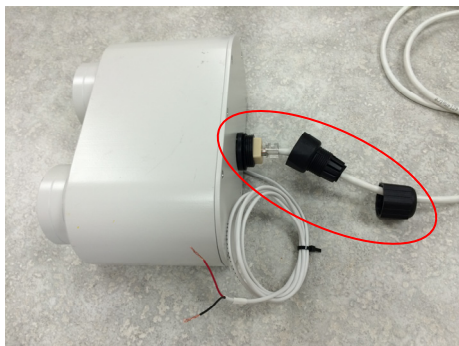
System Overview

One system unit consists of one SBC, two stereo cameras, one pair of relay wires and Cat5e cable in each stereo camera. The stereo camera should be mounted to the existing signal pole or pedestal at a desired height above ground. The recommended camera height is 12 - 15 ft.

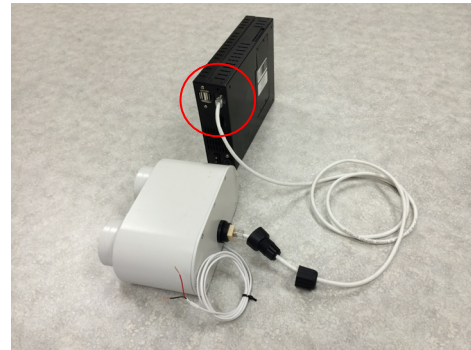


Camera Wiring

Unscrew the waterproof Ethernet connector at the back of the stereo camera, carefully push the Cat5e cable through the connector, and then crimp the RJ45 connector to the Cat5e cable. Now screw back the connector and tighten it.



Mount the camera on the signal pole. At the back of SBC, there is a RJ45 connector. Connect Cat5e cable from the camera to RJ45 connector on SBC.



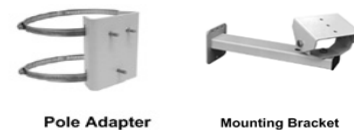
Relay Wiring

There is a pair of relay wires at the back of each stereo camera. Simply connect them to the flasher relay terminals. When pedestrians are detected, two relay wires are closed. Otherwise, they are open.



Camera Mounting

- (1) Attach the pole adapter to the signal pole
- (2) Connect the mounting bracket to the pole adapter
- (3) Mount the stereo camera on the bracket



Power for Stereo Cameras

The stereo cameras are powered over Cat5e cable (PoE).