



## **MigmaWalktime™** *for Pedestrian Walktime Extension and Ped Call Canceling*

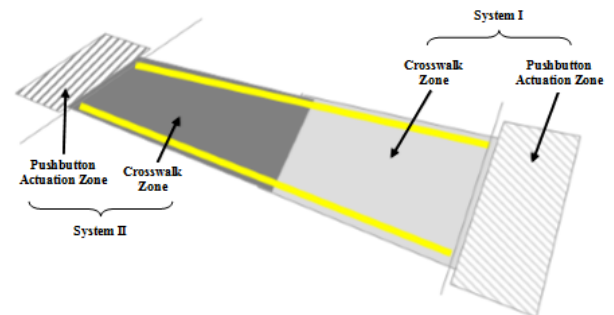


**MigmaWalktime™** is an outdoor passive pedestrian detector for the pedestrian walktime extension and ped call canceling. As long as slow-walking pedestrians such as senior citizens, visually impaired or wheel-chair pedestrians are still in the crosswalk, it can automatically extend the walktime for them.

- △ High resolution IR LED stereo camera for day and night detection
- △ Industrial single board computer (SBC) running Windows XPe
- △ Remote view, configuration and diagnosis over Ethernet (option)
- △ Robust pedestrian detection using stereo vision analysis
- △ Two-zone support for reliable detection of pedestrians
- △ Coordination of two systems for very long crosswalks

**MigmaWalktime™** utilizes the field-proven technologies to extend the walktime for slow-walking pedestrians.

- △ Analytical video cueing and 3D pattern recognition
- △ Operational under any weather conditions
- △ Simple wiring and connection using CAT5e Ethernet cables
- △ Support of both walktime extension and ped call canceling
- △ Support of APS buttons made by Campbell, Novax and Polara
- △ Over 98% detection rate and negligible false calls per day



### **SPECIFICATIONS**

- △ Image Sensor: 1/3" Sony CCD Chip
- △ Camera Resolution: 600 TV lines
- △ Camera Mounting Height: 18 ~ 20 ft
- △ Camera Power: Power over Ethernet (application dependable)
- △ IR Range: 100 ft (~30m) in total darkness
- △ S/N Ratio: ≥ 48 dB
- △ Cable: CAT5e Ethernet cable
- △ Operating Temperature: -22 °F ~ 158 °F (-30 °C ~ 70 °C)
- △ Operating Humidity: 0% ~ 96%
- △ Operating Environment: All weather, day and night
- △ Chassis Dimension (one crosswalk): 8(L)×6.5(W)×2(H) (inch)
- △ Chassis Dimension (one intersection): 11.5(L)×5(W)×9(H) (inch)
- △ Stereo Camera Dimension: 5(L)×7.5(W)×3.5(H) (inch)
- △ Failsafe and watchdog timer support

**Corporate Headquarters**  
Migma Systems, Inc.  
1600 Providence Highway  
Walpole, Massachusetts 02081

### **Contact Information**

Web: <http://www.migmapd.com>  
Sales: [sales@migmapd.com](mailto:sales@migmapd.com)  
Support: [support@migmapd.com](mailto:support@migmapd.com)  
Phone: 508-660-0328  
Fax: 508-660-0288

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