



MigmaMidblock™ for Pedestrian Detection

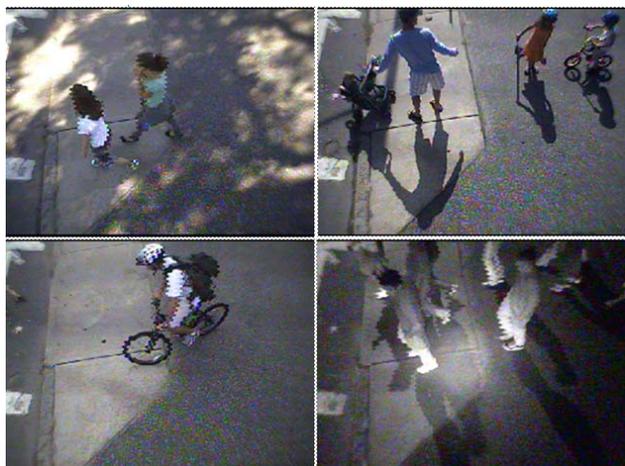


MigmaMidblock™ is an outdoor passive pedestrian detector at the midblock crossings for automated beacon flasher actuation (flashing beacon) to alert the approaching vehicle drivers about the pedestrians who are about to enter the crosswalks.

- △ 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
- △ Directional detection to avoid unnecessary detections
- △ Instantaneous detection and fast response

MigmaMidblock™ utilizes the field-proven technologies for pedestrian detection and offers advanced features.

- △ Analytical video cueing and 3D pattern recognition
- △ Pedestrian detection both day and night, even in total darkness
- △ Operational under any weather conditions
- △ Configurable pedestrian detection zone
- △ Interface with beacon flasher through relay contact
- △ Small size suitable for pole-mount cabinet
- △ Simple wiring and connection using CAT5e Ethernet cables
- △ 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: 10 ~ 15 ft
- △ Activation Time: ~1 second (configurable)
- △ IR Range: 100 ft (~30m) in total darkness
- △ S/N Ratio: ≥ 48 dB
- △ Cable: CAT5e Ethernet cables
- △ Camera Power: Power over Ethernet
- △ Operating Temperature: -22 °F ~ 158 °F (-30 °C ~ 70 °C)
- △ Operating Humidity: 0% ~ 96%
- △ Operating Environment: All weather, day and night
- △ Chassis Dimension: 8(L)×6.5(W)×2(H) (inch)
- △ Stereo Camera Dimension: 5(L)×7.5(W)×3.5(H) (inch)
- △ Failsafe and watchdog timer support



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