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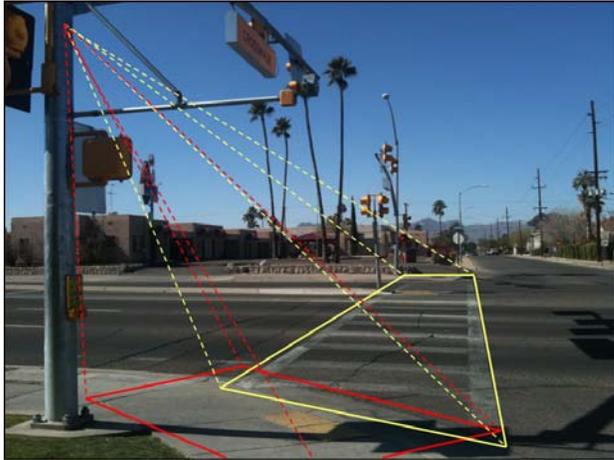
MigmaWalktime™ is an outdoor passive pedestrian detector for the pedestrian walktime extension and ped call canceling. As long as slow-walking pedestrians such as senior citizens, visually impaired or wheel-chair pedestrians are still in the crosswalk, it can automatically extend the walktime for them.

Δ High resolution IR LED stereo camera for day and night detection

Δ Industrial single board computer (SBC) running Windows XPe

Δ Remote view, configuration and diagnosis over Ethernet (option)

Δ Robust pedestrian detection using stereo vision analysis

Δ Two-zone support for reliable detection of pedestrians

Δ Coordination of two systems for very long crosswalks

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

Δ Analytical video cueing and 3D pattern recognition

Δ Pedestrian detection both day and night, even in total darkness

Δ Operational under any weather conditions

Δ Simple wiring and connection using CAT5e Ethernet cables

Δ Support of both walktime extension and ped call canceling

Δ Support of APS buttons made by Campbell, Novax and Polara

Δ Over 98% detection rate and negligible false calls per day

CAT5e Cables for Wire Connections
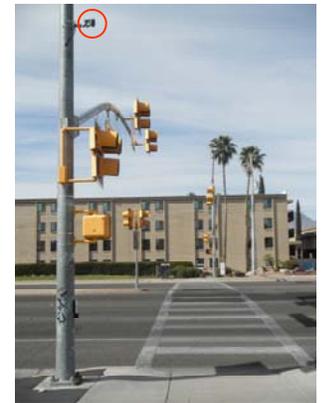
SPECIFICATIONS

Δ Image Sensor: 1/3" Sony CCD Chip

Δ Camera Resolution: 600 TV lines

Δ Camera Mounting Height: 18 ~ 20 ft

Δ Camera Power: Power over Ethernet (application dependable)

Δ IR Range: 100 ft (~30m) in total darkness

Δ S/N Ratio: ≥ 48 dB

Δ Cable: CAT5e Ethernet cable

Δ Operating Temperature: -22 °F ~ 158 °F (-30 °C ~ 70 °C)

Δ Operating Humidity: 0% ~ 96%

Δ Operating Environment: All weather, day and night

Δ Chassis Dimension (one crosswalk): 8(L)×6.5(W)×2(H) (inch)

Δ Chassis Dimension (one intersection): 11.5(L)×5(W)×9(H) (inch)

Δ Stereo Camera Dimension: 5(L)×7.5(W)×3.5(H) (inch)

Δ Failsafe and watchdog timer support

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