MigmaMidblock™ for Pedestrian Detection

MigmaMidblock™ is a sophisticated pedestrian detector bundled with

Δ High resolution IR LED stereo camera for day and night

Δ High performance single board computer (SBC)

Δ Relay with output voltage from 12 - 24 VDC

Δ Pedestrian detection algorithms using stereo vision analysis

Δ Java-based engineering configurator through remote access

MigmaMidblock™ offers advanced features for pedestrian detection at midblocks and street intersections.

Δ Analytical video cueing and 3D pattern recognition

Δ Pedestrian detection at both day and night (total darkness)

Δ Work under any weather conditions

Δ Remotely configurable pedestrian detection zone

Δ Interface with flasher and traffic controller

Δ Small size suitable for pole mount cabinet

Δ Easy to install and maintain

Δ Superior detection performance with very low false calls
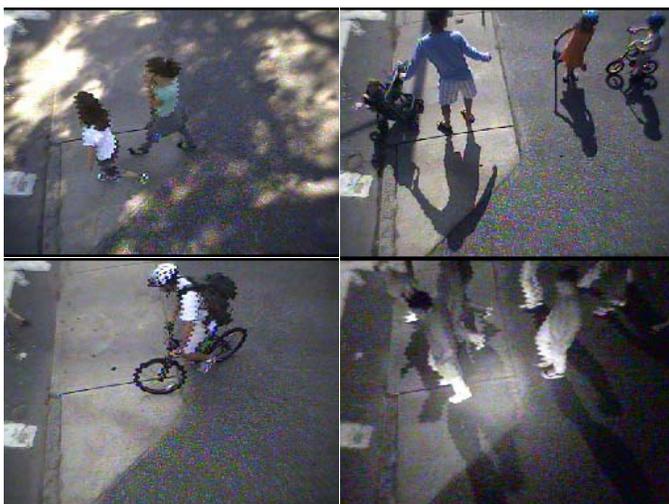
MigmaMidblock™ is designed to meet the traffic engineering requirements for pedestrian detections in outdoor environment. Built-in IR LEDs are turned on under low illumination for night time pedestrian detection.

Δ Image Sensor - 1/3" Sony CCD Chip

Δ Camera Mounting Height - 10 ~ 15 ft

Δ Camera Horizontal Resolution - 540 TV lines

Δ Detection Zone Size - 8 x 5 ~ 12 x 8 (ft)

Δ Activation Time - 1 ~ 5 s

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

Δ S/N Ratio - ≥ 48 dB

Δ Cable - RG59 coax video and power

Δ Operating Temperature - -4 °F ~ 140 °F (-20 °C ~ 60 °C)

Δ Operating Humidity - 0% ~ 96%

Δ Power Requirement - 110 VAC and 12 VDC

Δ Operating Environment - All weather, day and night

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Migma