

MigmaMidblock™ Wireless

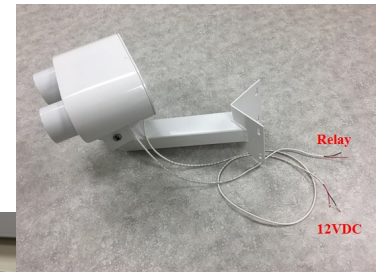


MigmaMidblock™ Wireless is an outdoor passive pedestrian detector at the midblock crossings for automated beacon flasher actuation to alert approaching vehicle drivers about the pedestrians who are about to enter the crosswalks. It eliminates the need of underground conduit to coordinate detections at both sides of midblock crossings.

- △ High resolution IR LED stereo camera for day and night detection
- △ Single board computer (SBC) running Linux
- △ Remote view, configuration and diagnosis wirelessly
- △ No cabinet and underground conduit required
- △ Directional detection to avoid unnecessary detections
- △ Low power consumption suitable for solar power
- △ Wireless communication through hotspot, no router required

It utilizes field-proven technologies for pedestrian detection and offers advanced features.

- △ Analytical video cueing and 3D pattern recognition
- △ Pedestrian detection both day and night
- △ Operational under any weather conditions
- △ Configurable pedestrian detection zone
- △ Interface with beacon flasher through relay contact
- △ Detection coordination at both sides of crosswalk
- △ ~100% detection rate and negligible false calls per day



SPECIFICATIONS

- △ Image Sensor: 1/3" Sony CCD Chip
- △ Camera Resolution: 1200 TV lines
- △ Camera Mounting Height: 12 ~ 18 ft
- △ Activation Time: ~1 second (configurable)
- △ IR Range: 100 ft (~30m) in total darkness
- △ S/N Ratio: ≥ 48 dB
- △ Input Power: 12VDC
- △ Maximum Current Draw: 0.8A in daytime, 1.5A at night
- △ Operating Temperature: -22 °F ~ 158 °F (-30 °C ~ 70 °C)
- △ Operating Humidity: 0% ~ 96%
- △ Operating Environment: All weather, day and night
- △ Wireless Range: ~300 ft
- △ Configuration Tool: Laptop using VNC or TeamViewer
- △ Relay Closure Time: 1 - 99 seconds (configurable)



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