

Pedestrian Crossing Safety Solution

AI 500-075

Overview

Introducing the next generation of pedestrian crossing safety systems, the new PCSS solution saves lives, is easy to install, and comes with a wide array of visual options. Pedestrians have seen a huge spike in roadway deaths and injuries. Our new system makes crosswalks safer, smarter, more visible.

Rapid Flash / DMS / LED Edge Lit

- ✓ Adaptable and effective visual elements reduce visual clutter
- ✓ Multiple flashing warning options for every environment
- ✓ Optional Digital Message Sign (DMS) for warnings

Active Safety

- ✓ TravelSafely Connected Vehicle Application connects this device to iPhone and Android
 - Audible warning of high speed vehicle approaching for the pedestrian
 - Audible warning of pedestrian crossing ahead for the motorist
- ✓ Future proof with “over the air” software updates for new features and enables new flash patterns and messages to be downloaded as required
- ✓ Remotely controls flashing patterns and optional Digital Message Sign

Connectivity

- ✓ Glance System remotely monitors the reliability of the PCSS system
 - Including batteries, solar panels, AC voltage, and visual elements
- ✓ Text messages and email alerts whenever anything goes wrong
- ✓ Provides insight on number of activations and optional radar speed information
 - Number of activations, median speed, 85th% speed, volume per hour
- ✓ Complies with MUTCD
- ✓ DSRC radio ready



Call us today to get started at [678.830.2170](tel:678.830.2170) or email us at sales@appinfoinc.com!

Hardware Specification



AI-500-075

Connectivity

Cell Modem	Yes
Ethernet Port (10/100Base-T)	Yes
900 MHz Radio	Yes

Industrial I/O

Analog Inputs	AC Power, Solar Batteries, Temperature
Digital Inputs	Beacon Status, Door Open Switch, Button Pushes
Digital Outputs	6 X Beacon/Flasher Circuits 15 Amp

Miscellaneous

Operating Systems	µC/OS-II
GPS	Yes
Operating Temperature	-37°C to 74°C
Humidity	5-95% non-condensing
Dimensions	8" x 5" x 2"
Input Voltage	10-30v DC, 120V AC
Power Consumption DC	idle - 149mA avg; active - 212mA avg
Battery Backed Memory	Yes

Optional

Digital Message Sign	Yes
Lamp Monitoring	Yes
Scheduling	Yes
Radar Speed Detection	Yes
Audible Pedestrian Push Buttons	Yes

900-023 Solar Engine

Solar Panel	Compatible with most 20W-50W
Batteries	35 Ah
Solar Charger	Sun Saver 10 Amp
Circuit Breaker	