

Pedestrian Hybrid Beacon (HAWK) Crosswalk System



Description

Installed at mid-block crosswalks, the **Pedestrian Hybrid Beacon System (PHB)**, formerly known as the **HAWK**, remains dark until a pedestrian presses a pushbutton to activate the system. When activated, the system flashes a sequence of amber warning beacons followed by red “stop” beacons, providing motorists with an unmistakable message to stop. The **PHB** system includes count-down pedestrian signal heads that provide “walk” and “don’t walk” signals to inform pedestrians when it is safe to cross. Independent studies conducted by the Texas Transportation Institute found the **PHB** to be nearly as effective as a full traffic signal, with 97 percent motorist compliance.

Operation

Spot Devices **System Infrastructure Management Application (SIMA)** is a browser-based tool for remote, enterprise-wide supervision of all Spot Devices systems. **SIMA** allows users to perform system configuration, download reports or receive automatic diagnostic alerts from a browser-enabled desktop, notebook, tablet or smartphone. In contrast with traditional signal controllers, the intuitive **SIMA** user interface doesn’t require a signal technician to configure and operate. Spot Devices **PHB** is purpose-built; all components are manufactured, configured and tested as one integrated system.

Highlights

- ▶ Reduced Cost - provides safety similar to a traffic signal at a fraction of the cost
- ▶ Increased Safety - red “stop” beacons and count-down signal heads send a message to both driver and pedestrian when it is safe to proceed
- ▶ Time Savings- the intuitive user interface doesn’t require a signal technician to program, configure and maintain
- ▶ System Alerts – proactive e-mails, diagnostics and reporting simplify maintenance
- ▶ Reliability - systems are manufactured, configured and tested as a single system in the factory
- ▶ Peace of Mind - fail-safe circuitry prevents the presentation of a “walk” signal if a single red beacon has failed
- ▶ Power Option - AC
- ▶ Warranty - 2 years

System Components

- ▶ SC320H Pole-mount Network Controller
- ▶ SB440 Hybrid Beacon Head
- ▶ SB450 Count-down Pedestrian Signal Head
- ▶ Pushbutton
- ▶ Crosswalk signage

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Arrive Safely

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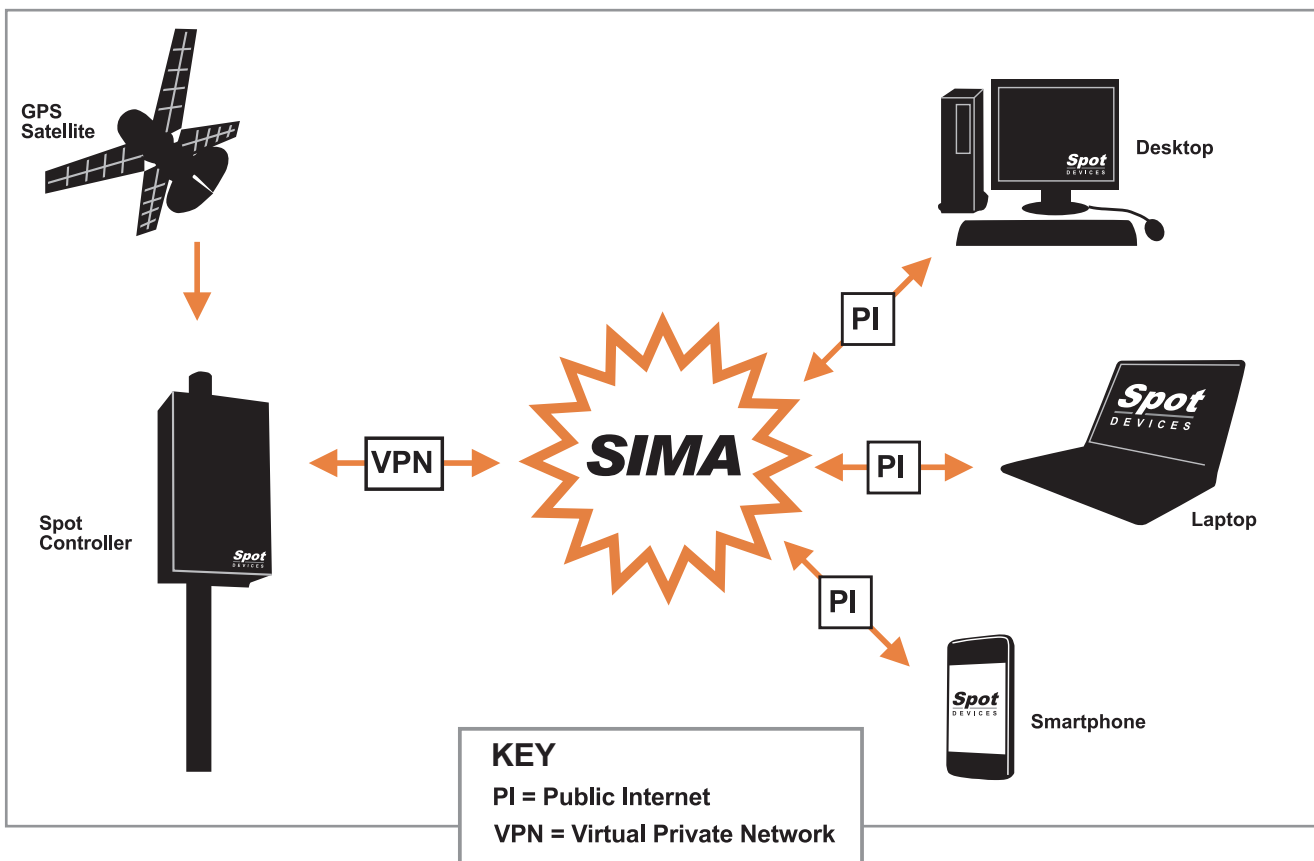
The Spot Devices Difference

Spot Devices is a US manufacturer with industry-leading technology, a full line of pedestrian and school zone safety systems and a reputation for exceptional customer service. Unique remote monitoring and programming tools reduce the total cost of ownership by decreasing the need for technician field visits, saving customers time and money.

Spot Devices System Infrastructure Management Application (SIMA) allows users to perform system configuration, download maintenance reports and receive automatic diagnostic alerts from any browser-enabled desktop, notebook, tablet or smartphone.



SIMA - Diagram



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