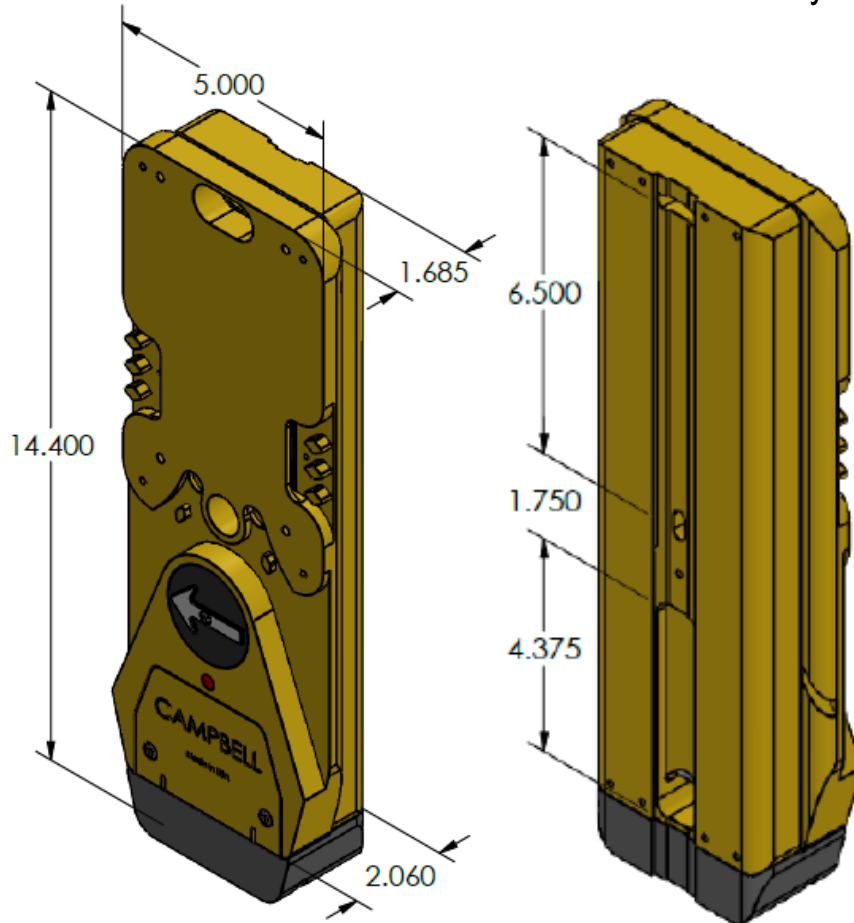




WiAAPS 2-Wire APS

Wireless Advanced Accessible Pedestrian System



Wireless Advanced Push Button (WiAPB)

The WiAAPS is the first of its kind to use a wireless radio communications network to provide secure & reliable delivery of data in a mesh network. When connected to a network, its web-based utility can be remotely accessed for monitoring, station configuration, data collection, and trouble shooting. The push button housing, machined from solid 6061 T6 AL and stainless-steel materials, is virtually vandal proof. An ADA compliant piezo driven push button is provided for typical actuation. All sounds emanate from the front and side of the station where the pedestrian is positioned to enter the crosswalk.

Key Features

- Secure Radio communications
- DigiMesh® Networking protocol provides redundancy and security in the relay of information between stations and controller
- Control up to 16 stations and 8 phases
- Stations can be powered via existing field wires or independently from Signal Pedestrian Head
- WiAAPS can be easily retrofitted in existing intersections by utilizing the existing pedestrian input conductors
- Out of the box and on to the pole pre-programmed and customized for plug and play installation at the intersection
- The APC (Advanced Pedestrian Controller) is software driven and offers flexibility in configuration options; any web browser device can be used to configure the system
- Quite Signal Technology (QST™) includes firmware settings for time of day functionality combined with port baffles that provide sound directionality – not 360° uncontrolled broadcasting
- Beaconing and Ping Pong features available
- Unlimited audio messages available
- Our user-friendly software utility makes updates, data extraction and programming straightforward and effortless
- Agency or factory generated audible indication files are easily uploaded to the APC and transferred via network or USB connectivity.



Operating Specifications

| Parameter | Rating |
|-----------------------------|-------------------------------------|
| Operating Temperature Range | -34°C to +74°C -30 °F to +165°F |
| Operating Force | 3.0 Maximum |
| Switch Operating Life | Greater than 100 Million Operations |
| Maximum Volume | 100 dB @ 1 meter |

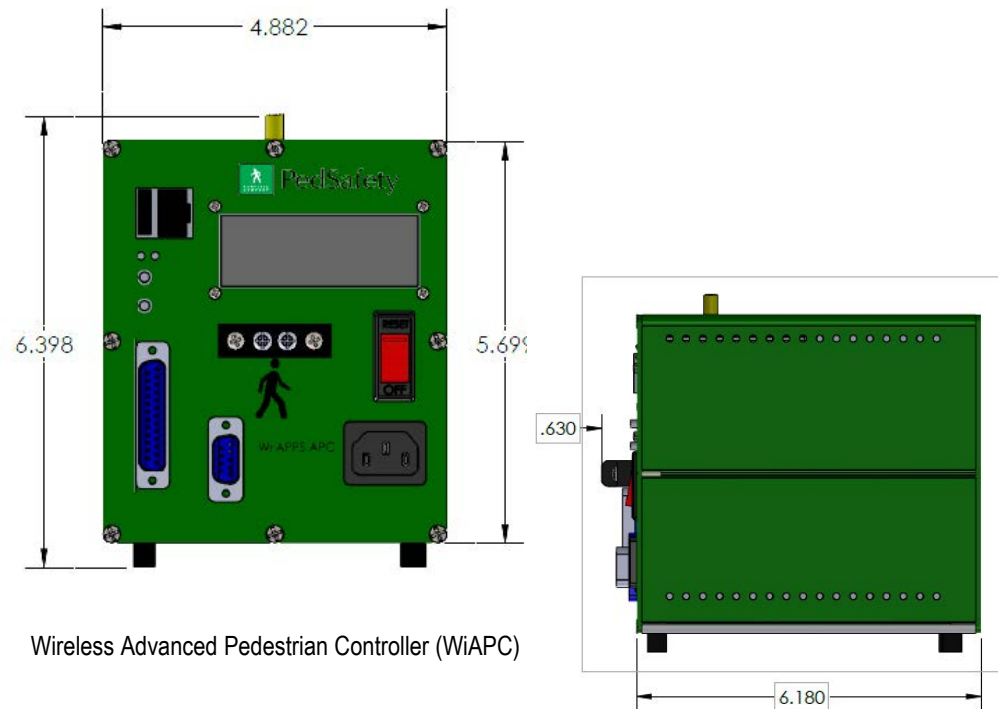
Design Compliance

| Test Type | Compliance |
|--------------------------------|-------------------------------|
| Functionality | MUTCD 2009 - 4 E |
| Temperature and Humidity | NEMA TS2 |
| Transient Voltage Protection | NEMA TS2 |
| Transient Suppression | IEC 61000-4-4, IEC 61000-4-5 |
| Electronic Noise | FCC Title 47, Part 15 Class B |
| Mechanical Shock and Vibration | NEMA TS2 |
| WiAAPS PBS enclosure | NEMA 250 – Type 4X |
| Electrical Reliability | NEMA TS4 |

All certifications performed by Certified Independent Testing Laboratories.

| Part# | Description |
|-----------|--------------------------|
| 501-0901B | WiAPB (Push Button) |
| 501-0921 | WiAPB Wave (Push Button) |
| 501-0910 | WiAPC (Controller) |

Visit pedsafety.com for information about the WiAPB Wave with non-contact actuation.



Wireless Advanced Pedestrian Controller (WiAPC)

Notes:

1. Applicable sections only of referenced standards
2. All Specifications are subject to change without notice
3. All Specifications are Typical unless otherwise specified