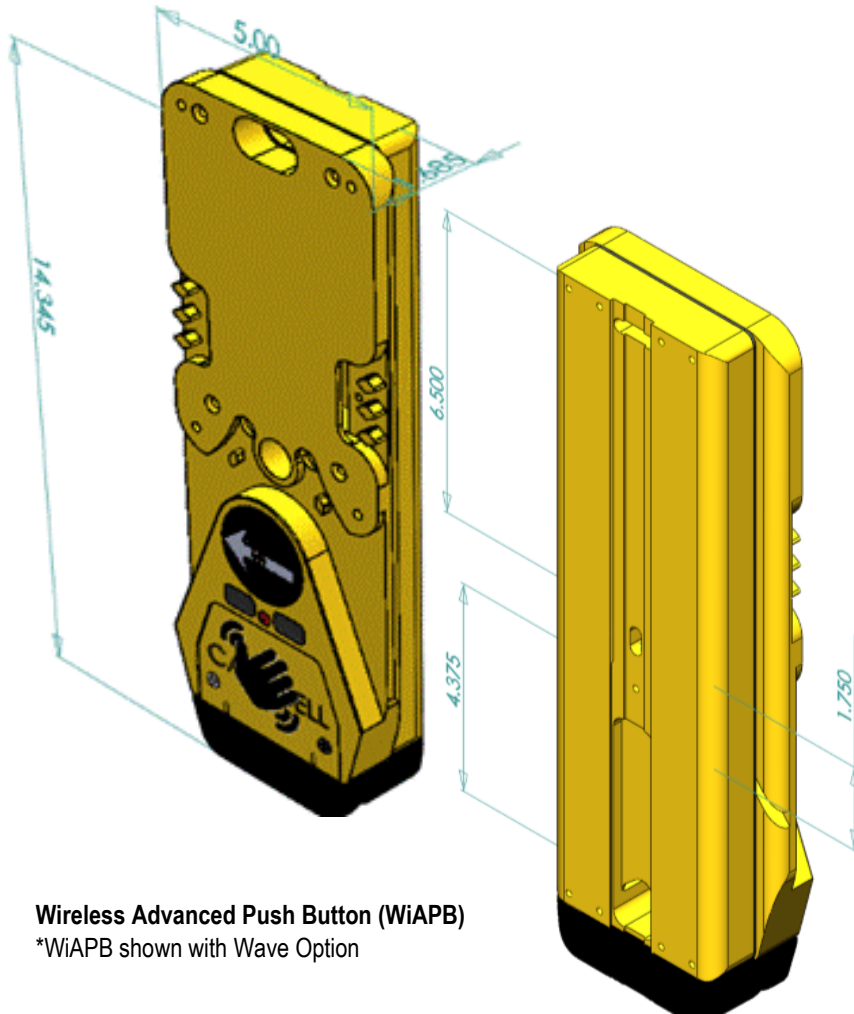




WiAAPS 2-Wire APB w Wave Sensor



Wireless Advanced Push Button (WiAPB)

*WiAPB shown with Wave Option

The Wireless Advance Accessible Pedestrian System (WiAAPS) now features PedSafety's "Wave" non-contact actuation sensor. Simply waving a hand 1-6" in front of the sensor will provide all of the essential information and audible indications required by the MUTCD and TAC.

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

- Typical and no-contact actuation
- No exclusivity – Touchless actuation Available to all pedestrians
- DigiMesh® networking protocol provides redundancy in the relay of information – 16 PPB / 8 Phase Control
- Remote access communication via ethernet
- Programming through ethernet, USB, or wireless
- Stations can be powered independently or with existing field wires from cabinet
- Unlimited sound file options available
- Beacons and Ping Pong features available
- Quite Signal Technology (QST™) includes firmware settings for time of day functionality combined with port baffles that provide sound directionality



Operating Specifications

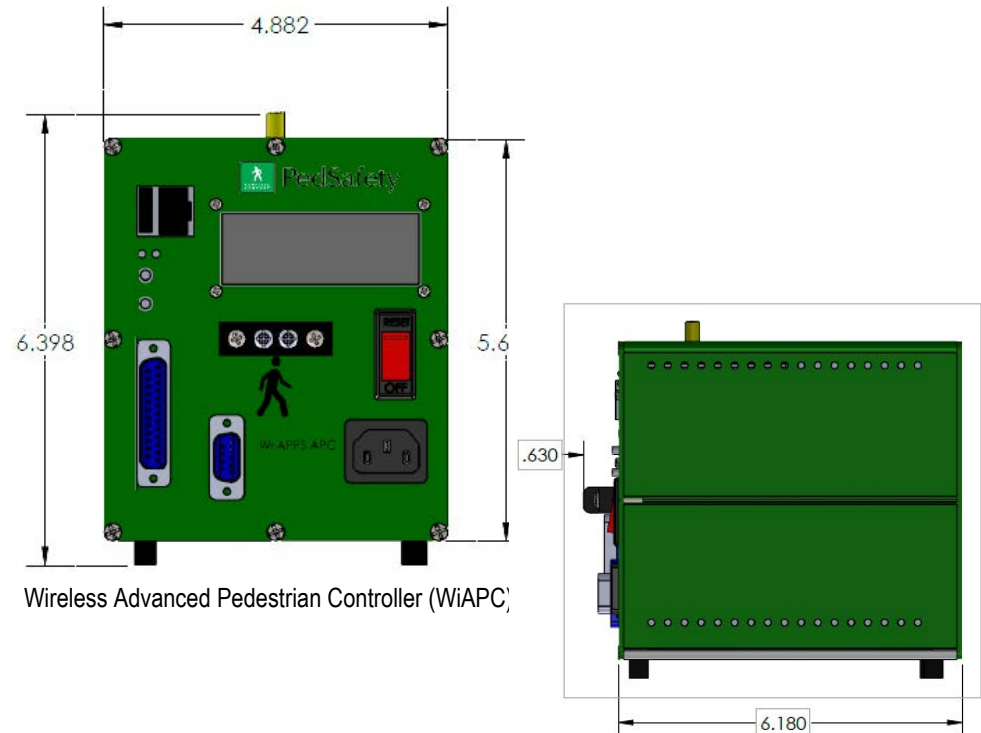
Parameter	Rating
Operating Temperature Range	-34°C to +74°C -30 °F to +165°F
Operating Force	3.0 Maximum
Switch Operating Life	Greater than 100 Million Operations
Maximum Volume	100 dB @ 1 meter

Design Compliance

Test Type	Compliance
Functionality	MUTCD 2009 - 4 E, TAC
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
501-0931	WiAPB (Push Button)
501-0921	WiAPB Wave (Push Button)
501-0910	WiAPC (Controller)



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
4. Wave Option doesn't change WiAPB size, compliance or specifications