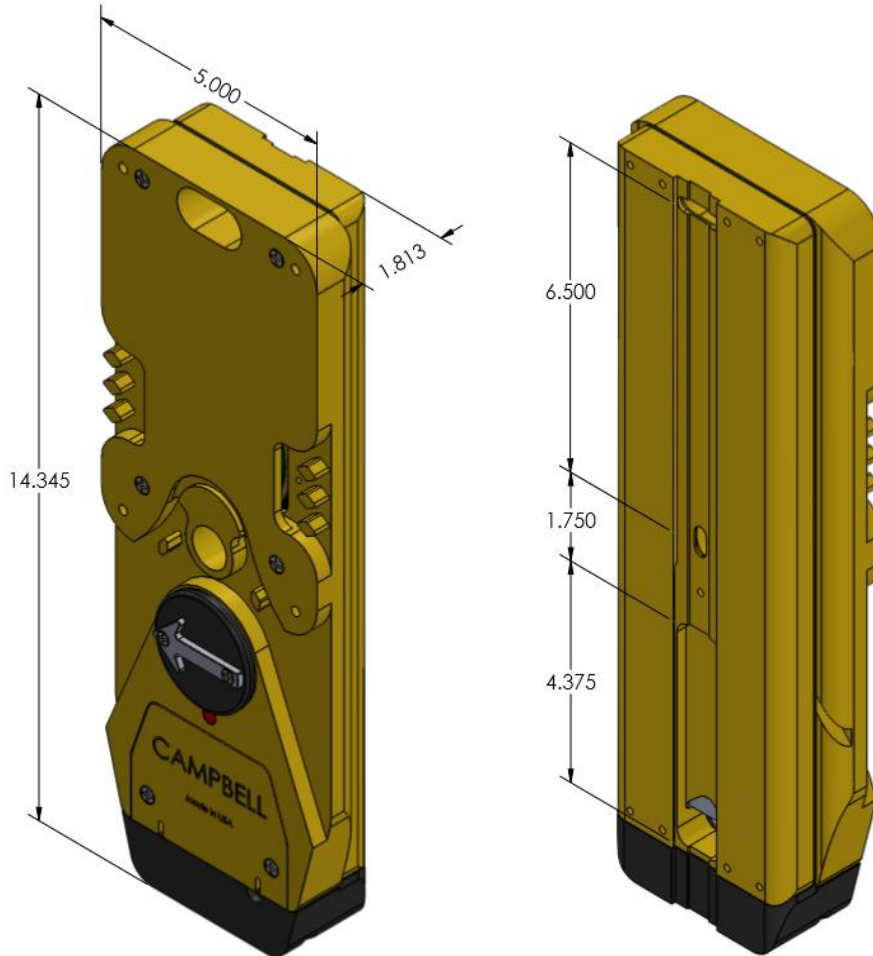




Guardian Bluetooth® 4-Wire APS



The Guardian APS 4-Wire Push Button Station comes with a Bluetooth® option, and is ready to install out of the box. A four conductor cable connects the Signal Power Interface (SPI) in the pedestrian signal head to the pedestrian station. The housing, machined from solid 6061 T6 AL and stainless steel materials, is virtually vandal proof. The ADA compliant push button is designed to withstand sever impact. The Guardian provides essential information and audible indications required by the MUTCD and TAC making the intersection accessible for all pedestrians. All sounds emanate from the front and side of the station where the pedestrian is positioned to enter into the crosswalk. A face plate and sign, in a variety of sizes with security mounting hardware, make it the most robust APS station on the market.

Key Features

- PedConnex™ and PedConnex™ BT are factory supplied downloadable software for USB and Bluetooth® interface allowing station configuration and customization
- PedConnex™ BT and the optional Bluetooth® module operate with Android, and iOS apps are password protected.
- Out of the box and on to the pole pre-programmed and customized for plug and play installation at the intersection.
- Quick button set-up and recovery for replacement / knockdown
- Fail safe default reverts to standard push button operation in flash.
- Agency or factory generated audible indication files are easily uploaded to PedConnex™ and transferred via Bluetooth or USB connectivity
- Quite Signal Technology (QST™) includes firmware settings for time of day functionality combined with port baffles that provide sound directionality – not 360° uncontrolled broadcasting
- Intersection phase sound sync
- Beaconing functionality is designed into the Guardian.
- External speaker option available at the time of order
- Off Mode function operates as a latching PPB with Dee Dah acknowledgement.
- Configuration profiles provide consistency for residential, business, and heavy traffic installations.



Operating Specifications

Parameter	Rating
Operating Temperature Range	-34°C to +74°C -30 °F to +165°F
Operating Force	3.0 Maximum
MTFB	1,200,000 hrs. (136 years)
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
Guardian PBS enclosure	NEMA 250 – Type 4X
Electrical Reliability	NEMA TS4
Bluetooth® Specification	Bluetooth® SIG member

All certifications performed by Certified Independent Testing Laboratories.

Station Size	5" x 7.75"	9" x 12"	9" x 15"
PN#	501-0801	501-0801/511	501-0801/512

Guardian Bluetooth® Module	501-0650
----------------------------	----------

Please specify Part Number and following attributes:

1. Color	2. Screw Type	3. Arrow type
Textured Black	Standard Phillips	Field Selectable (FS)
Federal Yellow	Pinned Torx (T)	Double Arrow DA
Gloss Black	Allen Head (Allen)	No Arrow (NA)
Unpainted/ Natural		
Other (specify)*		

4. Sign Legend



Sign Films Available

- Engineering Grade
- Diamond Grade
- Decals EG & DG
- Braille 2

Notes:

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