



Helping
YOU
meet your
Pedestrian Safety
and
Mobility goals!



Complete APS solution

Easy Installation

Ethernet Access/
Remote Communication

No software to purchase

Convert Pre-timed Intersection
into fully actuated

Ped count/Call data





Pedestrians are finding it more challenging to cross safely at signalized intersections. WIAAPS exceeds all APS guidelines and is the first of its kind to use web-based management, which enables traffic agency technicians to update and monitor the system remotely over network communication lines via traditional workstations, laptops or any device that is web browser compatible. Real time control capability allows the technician to download files directly to individual pedestrian stations or to an entire network.

CENTRALIZED CONTROL The Advanced Pedestrian Coordinator (APC) is in continuous communication with each Advanced Pedestrian Button (APB) in a network based, distributed control system. Direct Ethernet access or remote network connection allow real time system monitoring and control of operating parameters. This communication provides the capability to upload files directly to individual pedestrian stations or download reports generated by the APC.

KEY BENEFITS & FEATURES

- Easy Installation
- Web browser Access
- Ethernet Access
- 16 PPB / 8 Phase Control
- Remote Communication
- Ped Count / Call Data
- 2-wire solution
- NEMA TS 2 Certified
- Meets MUTCD Guidelines
- Configuration Templates
- Event Tracking Log
- Data Collection
- Night Mode Volume
- Sound Directionality
- Simple Menu Utility
- Station Angle Adjust

DESIGNED FOR THE AGENCY

- Designed for flexibility with software driven APC.
- Manages up to 8 phases.
- Any web browser device can be used to configure the system with Secure Remote access to the APC when the cabinet is on a network.
- A menu driven utility guides the user through setup and downloads.
- Night mode volume controls with Quiet Signals Technology. Accommodate residential and evening business.
- Agencies can identify specific parameters for residential, retail, and industrial areas and save them as a configuration templates

INSTALLATION

The APC is a shelf mount unit with inputs from the high voltage bus and outputs to the low voltage bay, and operating 120 v from the cabinet. All field runs are consolidated to a termination board typically mounted near the bottom of the cabinet. APBs are connected to the existing field wires and mounted to the pole.

| CONFIGURATION | TYPE |
|-------------------|-------------------|
| Interface | Web Browser |
| Audio File Update | USB/Wireless |
| Data Format | CSV |
| Firmware Upgrade | Ethernet/Wireless |

| PARAMETER | |
|--|--|
| APC Size / Weight | 5 X 5.5 X 6", 6 lbs. |
| Power (W) / Current (I) | 1.68 W at rest / 270 mA |
| Input Voltage APC | 120 VAC |
| BS Size / Weight | 5 x 12 x 1.75", 7.0 lbs. |
| Power (W) | 3.24 W |
| Data Rate | 120 kb/second |
| Input Voltage APB | 18 VAC or 12-24 VDC |
| Switch life | 100 x 10 ⁶ |
| Operational force | < 3lbf |
| Operating Temp (range) | -34C to +74C |
| Max Volume | 100dB @ 1m |
| AGC Range | Adjustable 0 – 5dB over ambient 28db Max Vol Control Auto adjust range |
| Audio Output Options | Default plus 4 options |
| Microphone | Frequency range 170Hz to 2.3 kHz for Ambient Noise |
| Operation, Storage, Environmental | 0 – 100% Humidity Non-condensing |
| LED | 3000 mcd, 160 degree viewing angle, stays lit until next walk phase. |
| Inputs/Outputs | Optically Isolated 36 V AC/DC Peak |
| Volume control | Adjustable, independent channels |
| Reporting | Pedestrian Usage, Event Logging, System Evaluation |
| Synchronicity | Beaconing, Groups, Phases, Movements, Intersections |
| Night Mode | Volume Reduction |
| Vibration | During walk |
| Selectable Options (options selected via web browser) | Vib Pulse Call, Beaconing, Sync, Walk time out, Locator Period, EP Time, Vib Intensity |
| Sizes | 5 X 7.75", 5 X 9", 9 X 12", 9 X 15" |
| Signs | MUTCD type and other. Braille, Engineering and Diamond grade film available, custom available. |
| Warranty | 3 Year |
| TEST TYPE | COMPLIANCE |
| Functionality | MUTCD 4E, TAC |
| Transient Voltage Protection Mechanical Shock and Vibration | NEMA TS2 |
| Antenna Bandwidth | 902-928 MHz |



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