



Pelco's Intelligent Pedestrian Systems



One Company. One Complete Solution.

Pelco's IPS solution safely navigates pedestrians through intersections and throughout your city.

▶ Safely Guiding Commuters Through Busy Intersections



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Models used in photography include volunteers from the following organizations:

Dale Rogers Training Center (DRTC) has won state and regional acclaim for its innovative programs and quality service since 1953. An entrepreneurial spirit and top professional management has provided vocational opportunities to individuals with disabilities and quality, cost-effective solutions for Pelco and other forward-thinking companies.

NewView Oklahoma is a nonprofit organization, founded in 1949, that empowers blind and visually impaired Oklahomans to achieve their maximum potential through employment, rehabilitation and community outreach. They operate the only comprehensive low vision clinic in the state and partner with Northeastern State University to provide low vision services statewide.

▶ IntelliCross™ APS by Pelco Products...the Next Generation Pedestrian Solution

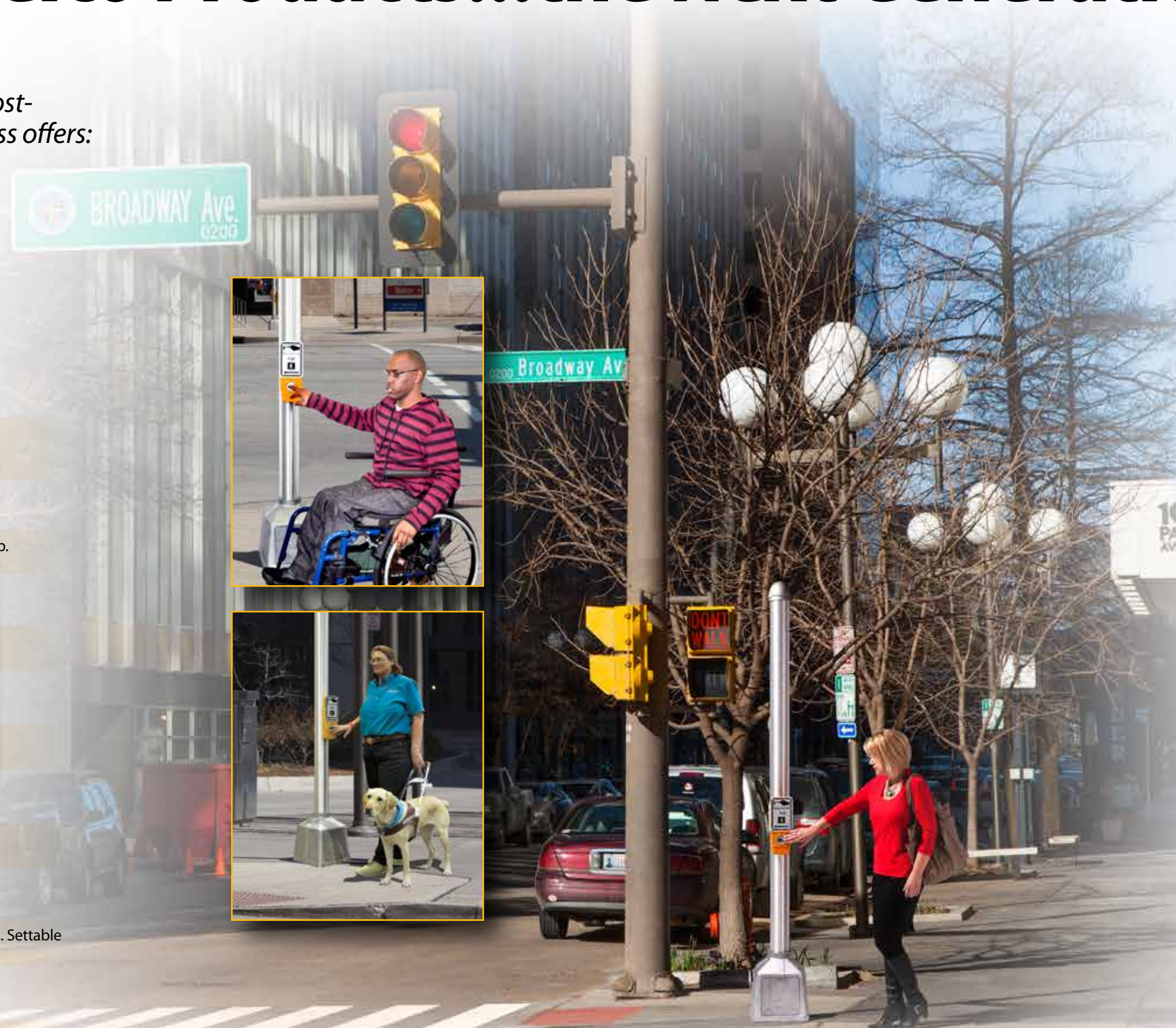
Pelco's newest product, the IntelliCross™ APS, is made to solve pedestrian traffic challenges in an affordable, convenient and cost-effective manner. Here are some key features the Pelco IntelliCross offers:

Key Features:

- Fully functional with all advanced features without the need to run wires from the controller cabinet
- The most advanced accessible pedestrian signal available
- Designed with the future in mind
- The only system that is easily field upgradable to central control with just the addition of a CIU-C to cabinet power (no additional wires required)
- Made in the USA

Additional Key Features:

Feature	Benefit
Powerline communication pushbutton features with no pushbutton wires	Turn pre-timed intersection into a pedestrian actuated intersection with pedestrian actuated sounds without the cost of in-street wiring.
Program any single or group of buttons at the same time	Flexible interface for button configuration to reduce setup time.
Program any button from anywhere in the intersection	Save time in intersection setup with the systems single point setup.
Mounting bracket allows for bolt or band mount	Convenient mount options for wood, cement and decorative metal poles with no additional accessories required.
Programmable by ethernet	Flexible interface for local or remote access to configuration or monitoring. Convenient interface to existing CTMS.
Single point wireless configuration of up to 23 pushbutton stations	More flexibility in button requirements.
Standard second audio output	Full separate controls for optimal overhead beaconing or alert notification.
Ergonomically friendly maintenance access cover	Easy access to terminals with retainer type screw mounts. Keeps screws from being lost.
Preloaded with a variety of common sounds and messages	Preloaded sounds.
Concurrent ped phase operation	Makes intersections safer by only allowing walk sound on parallel pedestrian movements. CIU not required.
Time-of-day controlled audio boost	Boost maximum sound level for people with hearing impairments. Settable by each sound. Only boost sounds you need.
Night mode evening max volume	Limit maximum sound level in sensitive areas. Can be set by each sound. Only limit sounds you need.
Independent ambient adjustment for each sound	Optimal sound setup with Min, Max, Gain and Evening control for each sound. Optimal levels for pedestrian and surrounding residents.
Mutes the entire intersection except the selected crosswalk	Makes intersections safer by limiting sounds to one crossing only (in Walk) on button demand. CIU not required.



Plus, these Industry Standard Features:

- Numerous Finishes Available
- Integrated 2" Piezo ADA Vibrating Arrow
- Sounds are synchronized across all pushbutton stations (does not require control unit)
- Vibro-Tactile Walk Phase Indication
- Confirmation of button push via latching LED and tactile bounce
- Extended button push can turn on; boost volumes, overhead beacon speakers for crossing guidance and/or mute all sounds except those on the activated crosswalk
- Direction of Travel with extended button push
- Standard locating tone during Don't Walk and Clearance if desired
- Cuckoo, Chirp, Melody, Rapid Tick or user customized voice messages during walk
- On Board Surge Protection
- Maximum walk sound time during vibrating arrow for Rest-in-Walk or Long-Walk applications
- All sounds automatically adjust to ambient over 60dB range
- Configuration and firmware updates provided via PC/USB port
- Minimum, maximum, gain and Evening Max volume independently set for each sound. All levels in dB locator or out sound only
- Provides pre-loaded special messages played through selected buttons or throughout the entire intersection upon a central system activated signal (e.g.; preemption, special event)
- Custom audio messages easily changed via PC/USB port directly to button, through CIU or remote IP
- Built-In pushbutton station health check every 30 seconds with fault recording
- Event Logging with CIU and button health check every 30 seconds
- Remote Configuration, Sound and Firmware update ability with CIU
- Pressure sensitive Piezo actuated button

IntelliCross... Stands the Test of Time and the Elements

Maximum

- Salt Spray
- Impact
- Environmental Chamber
- Vibration
- Submergence
- Independent Lab Testing

Optional CIU-C Benefits

- Button Configuration
- Firmware Updates
- Custom Sound Updates
- Ethernet Remote to Central Location
- Button Health Monitoring



IntelliCross Meets Standards

Pelco's IntelliCross APS product is designed to meet or exceed the following guidelines:

- ADA
- TAC
- PROWAG
- MUTCD
- NEMA 250-4X/NEMA TS1, TS2, TS4, Type 170, Type 2070 and Type F Compliant

The next generation of pedestrian systems

IntelliCross™ by Pelco Products

For the height of intelligent pedestrian guidance, Pelco's IntelliCross is your state-of-the-art solution. Below are the IntelliCross Best Major Industry Features and Benefits.

1 Convert Pre-Timed Intersection into Fully Actuated Intersection

When CIU is installed in traffic cabinet, no pedestrian wiring required

2 Intelligent Wireless Button Configuration Maintains Advanced Features without Central Control

Eliminates costly road construction installing wires and expedites installation saving valuable man hours

3 Patented Power Line Communications

Program the entire intersection using existing pedestrian signal wiring for communication to buttons without a central controller in the cabinet

4 Adjustable Articulating Mounting Bracket with Push Button Center Line Indicator

Allows for accurate alignment with the crosswalk without the use of shims by articulating 15 degrees left or right from center

5 Forward Facing Speaker with Internal Sound Baffles

Ensures messages and sounds are directed properly for audible accuracy when navigating intersection



12 Time of Day Programmability

Programs up to 3 customized time of day settings

11 5-Year Warranty

Provides confidence of longevity after installation

10 Quick Button Set-Up and Recovery

If a replacement is required, there is no need for a PC to enable the button operation

9 Central Health Monitoring System

Know the status of your system components for optimal performance and maintenance scheduling * See Note

8 8-Position Adjustable Arrow without Removal of Cover

Allows for accurate alignment with crosswalk, installation efficiency and no environmental contaminant impact on internal components

7 Signal Conflict Monitoring at Button

Independent Verification of signal status at each button station for unprecedented safety

6 Patented Digital Sound Conflict Monitoring at Button

Sound output has digital signature that is monitored and verified prior to sound output

* CIU-C required for this functionality.

Your Ticket to Improved Traffic Safety

PassPort™ by Pelco Products

For more than 25 years, it has been our quest to exceed the needs of the traffic industry. The PassPort lives up to our standards and reputation of providing innovative, time-tested and top quality products. Utilizing the latest in Piezo technology, the PassPort is state-of-the-art, impact and vandal-resistant pedestrian push button. Its high strength die cast construction is pretreated with corrosion-resistant coating to maximize durability.

1 Impact and Vandal Resistant

Heavy-Duty outer coating makes the Pelco PassPort durable to withstand weather and potential vandalism

2 Made to Withstand the Elements

The PassPort is operational in temperatures -30°F to 165°F



2-Hole Mounting Option



ADA-1 oval cover available with Piezo



3 Maximized Pedestrian Target Area with Piloted Plunger

4 Fits or Adapts to Existing Pelco Pushbutton Bodies

5 Pressure Sensitive Piezo Technology Actuated Button Features Two Confirmation Tones and an Intense LED Flash

Additional Features:

- Operating Voltage: 10-35 VDC or 10-25 VAC
- Less than 10 Microamp (µA) Typical Idle Current
- Available with or without LED
- Meets or Exceeds Guidelines Set Forth by the ADA

■ Available in Your Choice of Colors

* Contact Pelco Products for availability.

A Sensible, Budget Conscious Solution for Safety

Mechanical Push Button by Pelco Products

For pedestrian systems that need effective, proven solutions at an affordable price, the Pelco Mechanical Push Button is the answer. Made of durable materials and tested for years of use, the Pelco Mechanical Push Button is available in round, oval or rectangular configurations.

1 Corrosion Resistant 2.18" Stainless Steel Plunger



2 Moisture Resistant, Non-Stick Bushing for Longer Life in Extreme Temperatures



3 New Improved Microswitch for Even Better Performance

4 Improved Stainless Steel Wave Return Spring

5 Weather-Tight Neoprene O-Ring



Additional Features:

- Lighter Quality Casting Process
- Oxidation Preventing Conversion Coating
- Available Adaptor for Mounting on Flat Surfaces

- Available in Your Choice of Colors
- ADA Compliant
- Available With or Without LED

Foundations

▶ Anchor Bolts



Pelco also offers foundation anchor solutions

▶ Anchor Bolt Cage

Fabricated to specific light pole bolt circles, eliminating the need for templates. All are hot dip galvanized and include hardware.



▶ Bases

Pelco bases are available in aluminum or iron in traditional or decorative designs.



▶ Poles & Caps

Pelco's ped poles are available in aluminum with or without threads.



Pelco's pole caps are available in acorn or dome type and fit a 4-1/2" OD pole.



Accessories & Supporting Products

▶ IntelliCross Specific Accessories



Programmer



USB Cable



IntelliCross Configuration Software



CIU-C



Power Supply for CIU-C



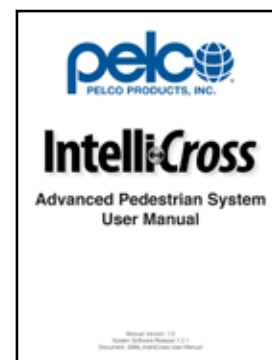
Sound Baffle



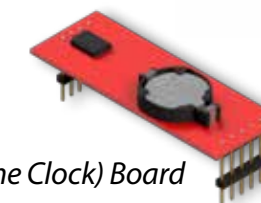
Speakers



Driver Bit Kit



User Manual



RTC (Real Time Clock) Board



Double Arrow



Sign Adaptors



Universal Mounting Bracket w/ Hardware for PIM 2.0

PIM 2.0 Module



▶ Signs



SF-1014



SF-1022



SF-1060



SF-1074