



PEDESTRIAN CROSSING SYSTEMS

Solar or AC-Powered Flasher Assembly

RTC manufactures a full line of solar and AC-powered pedestrian crossing systems. These systems can be activated by a variety of push button options or the time of day using RTC's AP22 time switch.

Choose from traditional 12" beacons, single or back-to-back RRFBs, or single or back-to-back EdgeLight™ signs to customize your system.

RTC is your proven supplier of solar and AC technology and traffic control systems.



RRFB with Optional Flood Light

Traditional Beacons

Edgelight Sign with optional Video Passive Detection

Fully Customizable:

Mix and match flashing options, activation methods, pole size, color, and additional features to build the Pedestrian Crossing System that's best for you.



Advancing Traffic Safety Since 1987



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FEATURES

- Solar and battery sizing engineered to fit your installation site.
- Flashing options: traditional 12" beacons, single or back-to-back RRFBs, or single or back-to-back high-visibility EdgeLight™ signs.
- Standard push button is the Polara™ iNS APS with iDetect - an audible, touchless, “push or wave” button that detects movement within 1-4". Other APS and push-button activations available upon request. All buttons are vandal resistant.
- Optional AP22 time-switch control for time of day operation.
- Optional centralized communication using M2M and RTC Connect™ software.
- Bluetooth® communication between beacons.
- Standard spun aluminum 4.5" pole and breakaway base with collar.
- Multiple advance-warning beacons can be added and activated by one push of a button.
- Color options to meet agency specifications.
- Pedestrian signs available in yellow or fluorescent yellow-green in standard or EdgeLight™ options.
- An unlimited number of flashers can exist in a pedestrian crossing system; push buttons are paired together via Bluetooth® to create a connected system, so that when one button is pressed, all flashers in the system are activated.
- Bluetooth® identification and pairing prevents the possibility of outside bluetooth interference.
- Compatible with Worry-Free Flasher System / Guardian™ Monitoring, RTC Connect™, AP22 and M2M.
- Guardian™ devices monitor battery voltage, solar voltage, load status, time switch power, door switches, and LEDs.
- Optional Flood Light with photoresistor to activate high-visibility LED during night time operation.
- Optional video passive detection activation

COMMUNICATION FLOW

- When the pedestrian crosswalk button is pressed at any flasher, the push button transmits a signal to the other buttons that have been paired and identified as being part of the same system.
- All of the beacons will flash until the end of the pre-set relay timing cycle that is set up within the cabinet.
- The pairing and identification of push buttons can be done in the field or office using the Polara(TM) Field Service App, available on all mobile device app stores.
- The time-delay relay is also field-configurable using dip switches on the panel.

