

# Pedestrian Crosswalk System

AC-Powered RRFB



**TRAFFIC SAFETY  
SUPPLY COMPANY**

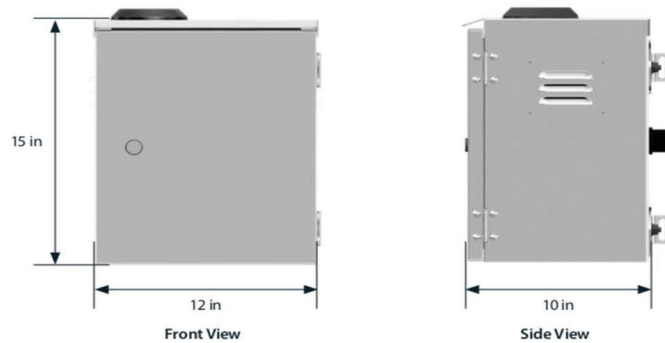
## PRODUCT DESCRIPTION

The Rectangular Rapid Flashing Beacon (RRFB) Crosswalk System is a one-of-a-kind crosswalk solution proven to improve driver yields rates by as much as 80% at uncontrolled pedestrian crossings. Ideal for high-speed and multilane crosswalks, the RRFB Crosswalk System flashes warning lights using the Federal Highway Administration (FHWA) specified alternating WW+S (combination wig-wag and simultaneous) pattern upon activation.



### SIDE-OF-THE-POLE CABINET

Housing	NEMA 3R type aluminum
Power	120VAC
Mounting Options	Various sizes of round, square, and wood posts
Mounting Hardware	Stainless steel hardware
Warranty	5-year limited battery warranty



Angle View

**Note: Specifications are approximate and subject to change. Some parts shown may be for illustration purposes only.**

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## RECTANGULAR RAPID FLASHING BEACON

Light Bar Housing	Black powder-coated aluminum
Vehicle Modules	7"W x 3"H; 2 arrays of 8 amber LEDs spaced 7" apart, SAE J595 class 1 certified (required on both sides of street in accordance with Interim Approval 21)
Pedestrian LED Modules	0.5"W x 1.75"H side-viewable, flash simultaneously with vehicle LED (optional, one or both sides)
Dimming	Variable based on photocell sensor input
Flash Pattern	Interim Approval 21 compliant WW + S
Flash Rate	Interim Approval 21 compliant, 50 milliseconds
Mounting Hardware	Universal mounting bracket
Wind Load Rating	Up to 120 mph*
Operating Temperature Range	-40°F to 122°F (-40°C to 50°C)

\*Dependent upon pole size and system arrangement



**RRFB-XL2™**



**BLINKERBEAM®  
WIRELESS RADIO**



**XAV2-LED  
PUSH BUTTON**



**BULLDOG  
PUSH BUTTON**

## BLINKERBEAM® WIRELESS COMMUNICATION

Frequency	900 MHz FHSS (Frequency Hopping Spread Spectrum)
Range	900 feet (radio site survey recommended)
Connectivity	Crosswalk and optional advanced warning LEDs activate concurrently

## ACTIVATIONS

Push Button Activation	ADA push button, typical (<120 millisecond)
User-Actuated Push Button	XAV2-LED or Bulldog
Passive Detection	Wireless bollards

## OPTIONAL PROGRAMMING

BlinkLink	Optional cloud software with cellular modem**
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\*\*Dependent upon system configuration

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Top View



Side View



22 in  
Front View