TAPCO®
TRAFFIC & PARKING CONTROL CO., INC.

Blinker® LED Products

Rectangular Rapid Flash Beacon: RRFB-XL2

Extra-large beacons provide greater visibility, ideal for high-speed and multi-lane pedestrian & school crossings

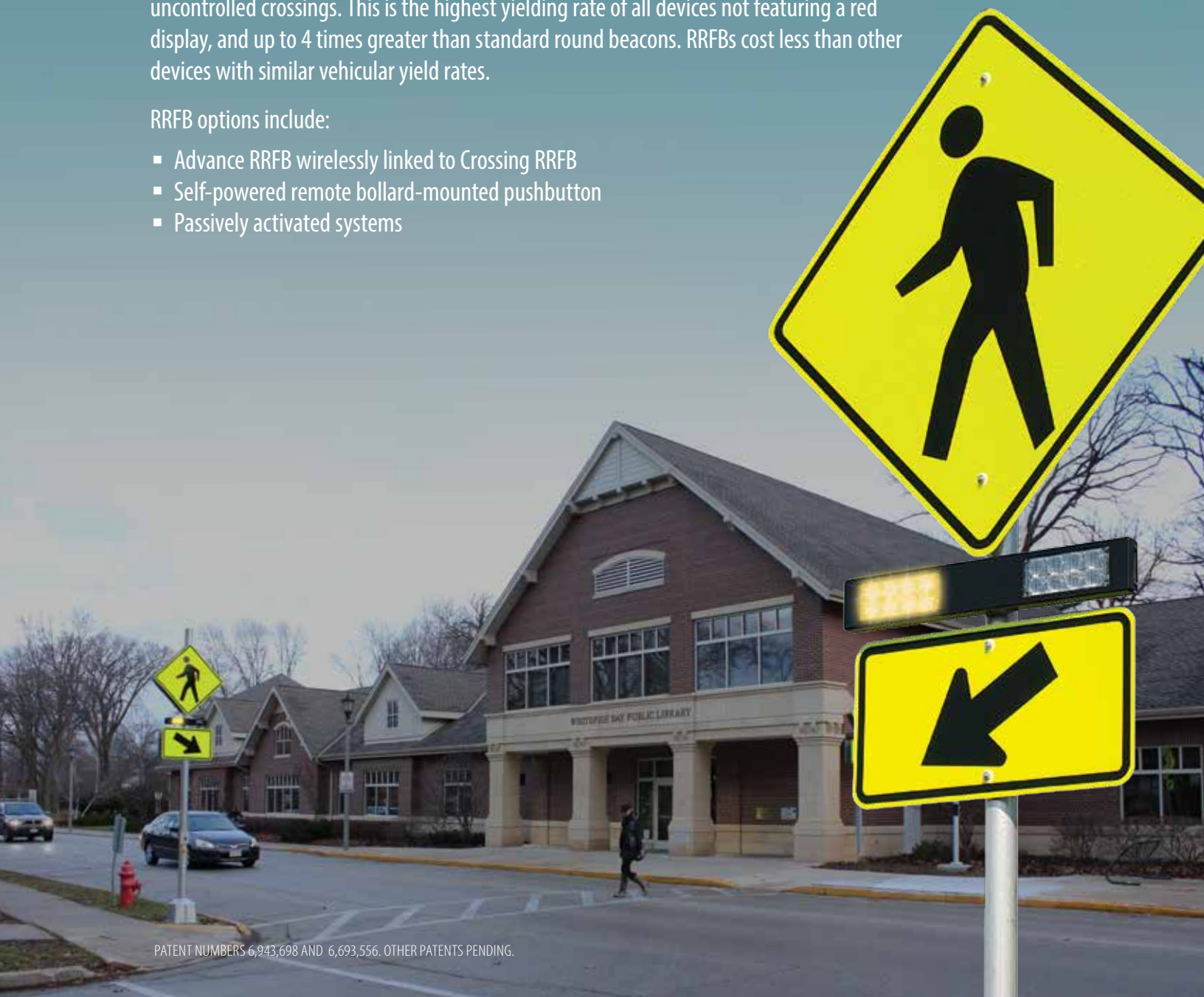
110V AC POWER

- Driver yielding rates of 80-90%
- Large LEDs exceed FHWA standards
- Completely modular
- Various mounting options

RRFBs have produced 80% to 90% driver compliance in yielding to pedestrians at high-risk uncontrolled crossings. This is the highest yielding rate of all devices not featuring a red display, and up to 4 times greater than standard round beacons. RRFBs cost less than other devices with similar vehicular yield rates.

RRFB options include:

- Advance RRFB wirelessly linked to Crossing RRFB
- Self-powered remote bollard-mounted pushbutton
- Passively activated systems



PATENT NUMBERS 6,943,698 AND 6,693,556. OTHER PATENTS PENDING.

Applications

- High-speed and multi-lane crossings
- School crossings
- Pedestrian crossings
- Roundabout crossings

Benefits

- Larger LED arrays provide increased visibility
- Significantly higher driver awareness and compliance

Options

- Passive detection (see below)
- Stand-alone, self-powered remote bollard available

Visit **Traffic and Parking** on YouTube for videos on these products and more.

Standard specifications (subject to change without notice)

Extra Large Rectangular Rapid Flash Beacon RRFB-XL	
MUTCD Approval	Interim FHWA Approval Memorandum (1A-11)
Housing	Powder coated aluminum
LED modules: 7" x 3"	2 arrays of 8 amber LEDs, SAE J595 certified
Pedestrian LED module : 1 ½" x 3 ⅝"	Side-mounted, flash concurrent with Vehicle LEDs
Flash pattern	MUTCD specified 'wig-wag' flash pattern
110V Hardwired System	
Housing	NEMA rated aluminum cabinet with lockable clasps
Mounting	Aluminum mounting bracket (fits 4"– 4½" O.D. pole)
Control Circuit	IP-67 NEMA rated enclosure: dust proof and waterproof (up to 30 minutes in 3 feet of water)
Programming	
	Windows TAPCO configuration software
	Optional time clock system available for school zone signs
W11-2 Ped Xing, W11-15 Bike/Ped and S1-1 School Crossing Signs & Plaques (W16-7P or W16-9P)	
Sign Substrate (30" or 36" signs)	.080" 5052 highway grade aluminum
Reflective Sheeting	3M™ DG³ FYG 4083 with anti-graffiti overlay
Mounting Hardware	Aluminum anti-vandal fasteners for signs and RRFB units
Compliance	MUTCD Compliant
Warranty	
	3 year standard warranty

Optional BlinkerBeam® Wireless Communication

Push buttons can activate BlinkerBeam® solar/battery-powered transceiver radios. These compact controllers activate one or more BlinkerSign® LED Signs, BlinkerBeacon® LED Beacons, RRFB and other ITS devices wirelessly within a 1000 ft. range, up to one mile with an external antenna.

Front view

Top view

Side view

Other activation options:

Optional Time Clock Systems

This hardware controller is integrated into TAPCO BlinkerSign® LED signs and stores the schedule uploaded from the included Scheduling Software. In turn, the controller activates the BlinkerSign® according to the stored schedule.

Optional Push Button Activation

Activated with less than 2 lbs. of force. Provides two-tone audible confirmation as well as visual confirmation. Meets ADA, MUTCD and TAC requirements, and housing meets NEMA specifications. Remote mounting available. Audible navigation units are available.

Optional XAV2-LED Push Button Station

The full featured model provides an instructional sign, a push button with directional arrow for activating the flashing lights, a group of 3 LEDs in the sign, a locate tone (optional), and a voice message. The volume of the locate tone and message is automatically adjusted up and down in relation to ambient sounds via a built-in microphone.

Optional Pedestrian Presence Detector

Active infrared and microwave technologies work together to provide precise presence and accuratemotion detection. Mountable between 8' and 16'. Impervious to light, sun, rain and snow. Housing is rated NEMA-4.

Optional Wireless Bollard Activation

Pedestrians and bicyclists can passively trigger flashing BlinkerSign™ LED signs, RRFB, BlinkerBeacon™ LED Beacons, in-pavement LEDs and other ITS devices. Actuators are housed in anodized aluminum cabinets that can be secured to concrete or asphalt. Battery operated: no grid wiring required.

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www.tapconet.com Printed in the U.S.A.

MADE IN THE USA

GSA Contract Holder GS-07F-5924R GS-07F-0234U

U.S. COMMUNITIES GOVERNMENT PURCHASING ALLIANCE Contract Holder 2013-100

1005-00001 (01/30/15)