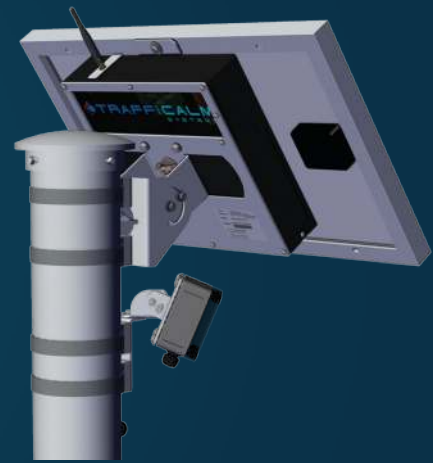


# RRFB

## FLASHING SIGN SYSTEM



According to the NHTSA, 6,205 pedestrians were killed in traffic crashes in 2019.

TraffiCalm is working with the industry to reduce the number of crashes at mid-block crossings where typical signage is an insufficient countermeasure. By using unprecedented LED illuminated signs and RRFB enhancements, agencies across the world are seeing justifiable gains in pedestrian safety.

### FHWA Interim Approval 21 states...

- The Office of Transportation Operations reviewed the available data in 2008 and considered the RRFB to be highly successful for the applications tested (uncontrolled marked crosswalks). The RRFB offers significant potential safety and cost benefits because it achieves high rates of compliance at a low relative cost in comparison to other more restrictive devices

## FEATURES

### HUMAN INTERFACE

Easily make all configuration changes through TC Connect™, a WiFi connected platform developed by TraffiCalm™ that requires NO Internet Connection! With any browser enabled device, an Installer can easily log in and select from multiple options and settings including Flash Duration, LED Brightness and Dimming Control. Also, activation data is easily retrieved right to any Wi-Fi device.

### DURABILITY AND RELIABILITY

Roadside signage and the like, attract all forms of vandalism. Through our multi-string LED Configuration design and permanently sealed electronics, our RRFB will maintain MUTCD standards for brightness even if 1 or 2 vertical LED strings are damaged through vandalism.

### POWER SOURCES

SQLAR: Utilizing a standard 20 watt panel, or up to a 60 watt upgrade, the collected power from these efficient panels is stored in a standard 12Ah Absorbent Glass Matt (AGM) Battery; a proven cost effective solution. AC: Integrated AC inverter provides direct connection to 120-220VAC.

TRAFFICALM.COM



Compatible with most Push-Button Systems

RELEASED: 20220119

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## SPECIFICATIONS

### ■ P2C CONTROLLERS & COLLABORTORS

Permanently and Environmentally Sealed Electronics

Compact and lightweight aluminum enclosure

Weight: under 30 lbs including battery

Mounted behind solar panels

### ■ SOLAR POWER

20W Solar Panel (standard) with up to 150 Watt configurations available

### ■ VISUAL

MUTCD and FHWA Compliant

80 Amber 590nm LEDs for Redundancy and Uniform Light Distribution

Side-mounted LEDs for pedestrian side visual confirmation

Exceeds SAE J595 Class 1 Intensity

Auto Dimming

Meets SAE J578 for chromaticity

### ■ BATTERY

12 to 97 Ah Absorbent Glass Mat (AGM)

Accessible Batteries, easily replaceable in Field

Extreme climate batteries available

## DETAILS

### ■ HUMAN INTERFACE

WiFi Connectivity - No Internet Connection required

Configurable Flash Duration

Automatic Unique Channel Selection

Wirelessly configures all devices on network

Activation Data Report

Auto and configurable dimming

### ■ RRFB PHYSICAL CONSTRUCTION

Each of the 80 LEDs have built-in 15 degree UV resistant lens

Mounting brackets accommodate back-to-back mounting

Horizontal aiming adjustment

Dimensions: 24"W x 4.183"H x .85"D (60.96 x 10.63 x 2.16 cm)

### ■ PERFORMANCE

Rated for 800, 30 second activations per day with 2 hours sunlight for continuous operation

12 AH ~5.5 days of 800, 30 second activations without solar panel

Wireless activation within 100 mS

Wireless range of 2000'

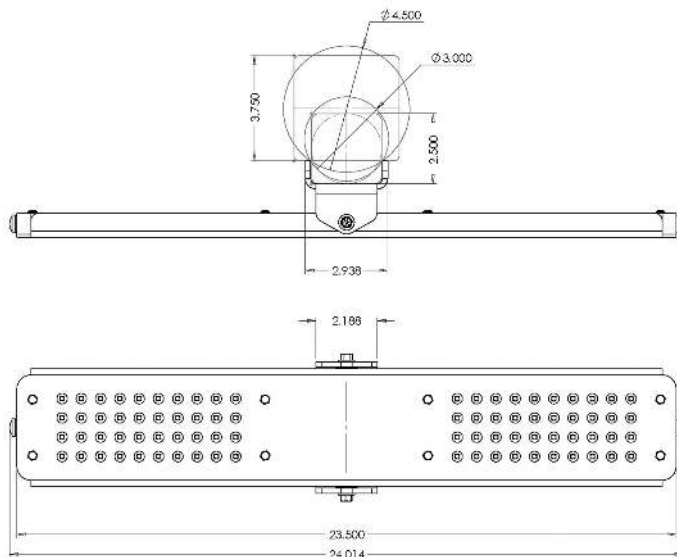
5 year warranty on all electronic components, including battery

Potted and sealed electronics, connections, and cables- IP-67 Rated.



Wi-Fi Connection made Easy through TC Connect™

## DIMENSIONS



Anti-Rotational Star Washers at top and bottom of RRFB, greatly reduce unintentional left / right movement

