

FLASHING SIGN SYSTEMS

Push 2 Cross

TraffiCalm™ Systems MUTCD Compliant options for Push 2 Cross including Rectangular Rapid Flashing Beacons or Flashing LED Rings. They can be utilized separately or together to create the Perfect Push to Cross System. All Flashing Sign Systems employ TC Connect WiFi, a WiFi connection platform developed by TraffiCalm™ Systems requiring NO Internet Connection allowing for immediate WiFi connectability with any browser enabled device

SA328 RRFB

80 High Intensity Amber LEDs for Redundancy and Uniform Light Distribution

MUTCD approved RRFB Flash Pattern

Exceeds SAE J595 Class 1 Intensity

Meets SAE J578 for chromaticity

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

Horizontal aiming adjustment

Side-mounted LEDs for a side visual confirmation

Dimensions: 24"x4"x .85"



FLASHER RINGS

Fully assembled, one piece construction

Complete Edge-Lit Illumination within the sign border

Hermetically potted and sealed

3M VHB Tape and optional self-tapping mounting screws create secure adhesion to sign

High Intensity LEDs rated for 100,000 hours

24", 30", 36", 48" Rings Available



Typical RRFB System:

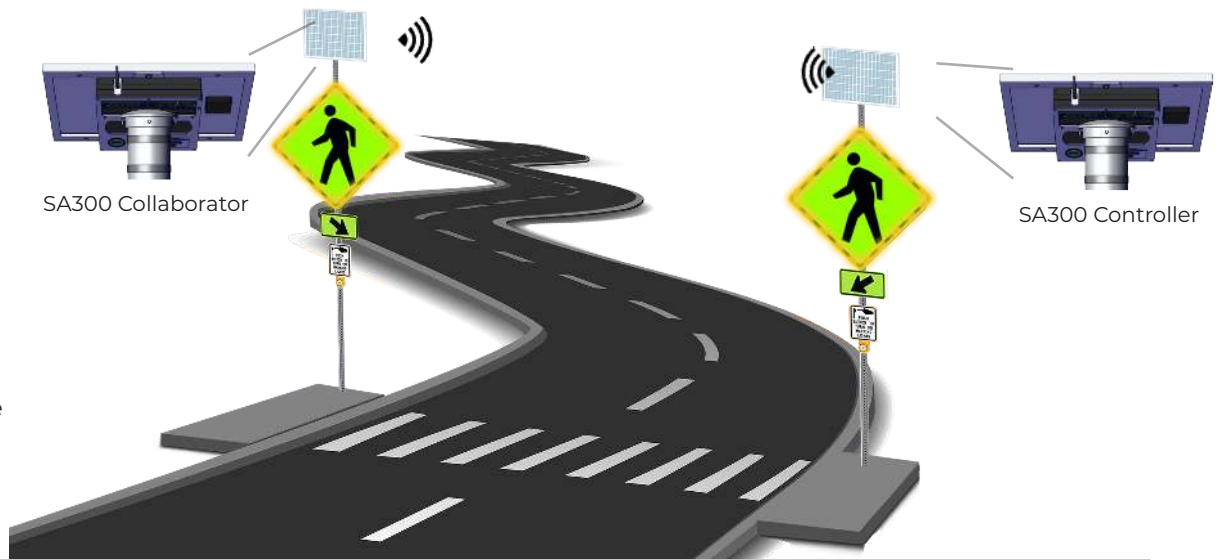
- (1) P2C Controller - 20W Solar Kit / 12Ah AGM Battery
- (1) P2C Collaborator - 20W Solar Kit / 12Ah AGM Battery
- (4) SA328 RRFB
- (2) ADA Compliant Push Buttons
- (2) 9"x12" Push Button Frames
- (2) 9X12 "Push Button To Turn On Warning Lights" Sign
- (4) 24"x12" W16-7 (L-R) ARROW Signs
- (4) 30" W11-2 Ped Crossing Sign (Yellow or FLYG)
- (2) 14' Pole Kits
- Mounting Brackets
- Manuals
- TC Connect Software

Typical Flasher Ring System:

- (1) P2C Controller - 20W Solar Kit / 12Ah AGM Battery
- (1) P2C Collaborator - 20W Solar Kit / 12Ah AGM Battery
- (2) 30" Amber LED Flasher Ring
- (2) ADA Compliant Push Buttons
- (2) 9"x12" Push Button Frame
- (2) 9X12 "Push Button To Turn On Warning Lights" Sign
- (2) 24"x12" W16-7 (L-R) ARROW Sign
- (2) 30" W11-2 Ped Crossing Sign (Yellow or FLYG)
- (2) 14 ft. Pole Kits
- Mounting Brackets
- Manuals
- TC Connect Software



ADA Compliant
PushButton and Frame
with sign



Detection/Activation Unit	
Weight with Battery	20 Watt = 25 lbs (11.3 Kg) 30 Watt = 28 lbs (12.7 Kg) excluding poles
Power Requirements	
Voltage	11VDC to 15VDC
Charger	Smart solar charger 14.6VDC, 30W temperature protected
Communications	Wireless Meshnet integration (device 2 device, +1,000ft range, repeatable signal, 4 channels available, configurable network ID, AES-128 Encryption security, DSSS transmissions on selectable channels)
Battery Reserve	28 days @ standard load (standard load = 25% activations per day with a single flasher ring) with no sunlight
Isolation Required	2 hours of good sunlight each day @ standard load
Panel Supplied	20W, 17.2V MPPV, 21.6V open circuit
Mounting	Universal Pol Mount included (Optional Top of Pole & Side of Pole extension mounts available)
Flush Mounted LED Flasher Rings	
Size	24", 30", 36", 48 X .625" sizes available
Mounting	Outdoor rated Mounting Tape and provisions for self drilling / tapping screws
LEDs	Red (626nm); 30 degree cone of view; Rated 100,000 hours; 2.4K CDA/ M ² , Auto Dimming Employed
	Amber (590nm): 30 degree cone of view; Rated 100,000 hours; 2.4K CDA/ M ² , Auto Dimming Employed
	White (Cool White): 30 degree cone of view; Rated 100,000 hours; 3K CDA/ M ² , Auto Dimming Employed
	Blue (470nm): 30 degree cone of view; Rated 100,000 hours; 1.1K CDA/ M ² , Auto Dimming Employed
Power	10V to 18V
	0W standby or OFF (No power required)
Flash Patterns	50 - 60 flashes per minute; 50% Duty Cycle. Additional alternative flash patterns available and are user programmable

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