

Rectangular Rapid Flashing Beacon (RRFB) for Crosswalks

Kali-Flash™

Kali-Flash is a pedestrian-activated flashing light system designed to enhance safety at pedestrian crossings.

Discover the benefits of our system:

- **Optimal visibility:** Powerful, oversized flashing lights capture the attention of drivers, reducing the risk of accidents.
- **Dynamik™ Connectivity:** Our real-time monitoring solution allows for tracking the status and performance of Kali-Flash, ensuring optimal operation.
- **Easy installation:** Quickly adapts to all types of locations without requiring complex work.
- **Simplified maintenance:** A robust design that minimizes maintenance needs for greater peace of mind.



Standard features

System

Operating temperature: -40°C to +65°C

Beacons



Module compliant with MUTCD 11th edition standards (Chapter 4L)

Black powder coated vandal-resistant aluminum cabinet

Two amber LED lamps measuring 3"x7", UV-resistant

Amber LED side indicator light 2"x3" to inform pedestrians of the operation of the frontal lights

Automatic adjustment of intensity based on ambient light, MUTCD 11th edition

ROHS certified LEDs

Control Box



Corrosion-resistant aluminum enclosure providing excellent protection for the battery control module, featuring a lockable door with key-operated quarter-turn lock.

Easy access for maintenance, diagnostics, and adjustment of crossing times

Nema 4X electronic enclosure

IC and FCC certified

✓ Standard feature

○ Optional feature

✗ Unavailable feature

Energy management

Regular

Premium

Solar Panel



Monocrystalline solar panels: for better charging even on coldest days

✓

✓

360° adjustment of solar panels for optimized installation

✓

✓

Autonomy without recharging: 7 days with 400 activations/day - Flash duration at 20 sec

✓

✓

TUV, CE and IEC certified

✓

✓

Battery



Sealed, replaceable, maintenance-free recyclable AGM-type batteries, provide the widest temperature range, longest lifespan, and high performance in cold weather:

- Recharge down to -68°F
- Discharge down to -104°F

✓

✓

Standard set: 50W / 1 battery (20Ah)

✓

✗

Long battery life set: 50W / 2 batteries (40Ah)

✗

✓

Maximum power set: 100W / 2 batteries (40Ah)

✗

✓

Other battery chemistries available upon request

✓

✓

Electrical



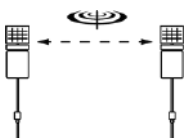
Power supply unit : 120-240 VAC - 12 VDC converter

✓

✓

Communication

Between the structures

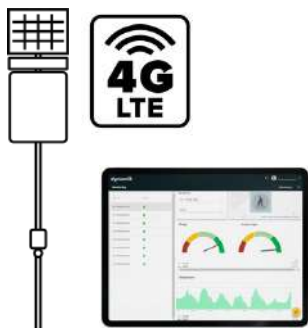


- Synchronization of lights on both sides of the road
- Communication mode: Bluetooth Low Energy
- Interconnected products: Up to 7 products
- Transmission distance: up to 13 780'

✓

✓

Remote connection with Dynamik™ web platform



- Network: 4G LTE
- Category: Cat-M1/NB2 (NTN)
- Frequency bands: B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B23, B25, B26, B28, B66, B85, B255, B256
- SIM compatibility: Multi-operator
- Communication protocol: TCP
- Certifications: PTCRB, FCC, IC

✗

✓

Scheduling the remote activation and deactivation of a unit within a predefined time range

✗

✓

Real-time monitoring of the status of all your structures with statistical reports

✗

✓

System performance statistics: activations, battery charge, solar panel status, battery voltages, control cabinet temperatures (41°F above ambient) and ambient brightness

✗

✓

Dynamic design and responsive dashboards

✗

✓

The system comes with 1 year of free remote connectivity with statistics and alarms

✗

✓

Supports and mounts



Black powder coated 2" elliptical pole with unpainted brackets

✓

✗

Black powder coated 4" round pole with black powder coated brackets

✗

✓

Decorative base cover for 4" post - black powder coated

✗

0

Universal mounts for installation on existing pole

0

0

Activation

Piezo Push Button 4EVR® M0AB



The M0AB Piezo push button offers improved responsiveness, exceptional durability, and a modern design, outperforming mechanical buttons for an optimal user experience (ADA compliant).

- Audible signal on activation (complies with MUTCD 11th edition).
- Certified resistant NEMA TS 2 and waterproof NEMA 250 - 6P.

Piezo Push Button 4EVR® M0AB

✓

✓

Pedsafety Guardian® Button

✗

0

Passive pedestrian detection

✗

0

Pedsafety Guardian® Button



The smart button Guardian is equipped with a speaker that informs people with reduced mobility of the flashing lights (ADA compliant).

Passive pedestrian detection



The lights turn on automatically when a pedestrian is detected, but only if they show the intention to cross.

Activation will not occur if:

- A pedestrian approaches without intending to cross.
- A pedestrian who has already crossed arrives from the other side.

Warranty



Components and labor

Regular

Premium

2 years

3 years