

K&K Systems, inc.
Traffic Safety Products Manufacturer

FEATURES

- ▶ IR sensors for passive pedestrian activation
- ▶ FHWA Interim Approval 21
- ▶ ADA Compliant
- ▶ Heavy duty, weatherproof, corrosion resistant construction
- ▶ Automatic light output for maximum efficiency
- ▶ Super bright LEDs for visibility day and night
- ▶ Ultra slim compact design
- ▶ In-pavement flush mount prevents street equipment damage.
- ▶ Bi-directional to increase pedestrian visibility
- ▶ Solar powered

NIGHT VISION CROSSWALK SYSTEM

The K&K Night Vision Crosswalk System puts the spotlight on pedestrians quite literally. The Night Vision System combines our Touch-Free Crosswalk System with ultra bright LED Flood Lighting, and In-Pavement Warning lighting. Like the Touch-Free system, the Night Vision System is triggered with IR sensors for passive pedestrian activation. Pedestrians pass between the Bollards breaking the IR beam which activates the all of system's lighting. Our Touch-Free Bollards not only trigger the system, but also prevent the spread of disease.

The Flood Light is a 30W fixture with a high powered LED chip that features no glare, strong and evenly directed lighting to illuminate pedestrians as well as provide a lighted pathway.



The In-Pavement Warning Lighting mounts flush with the street's surface to prevent damage from street equipment such as snowplows. We utilize ultra-bright LED technology for low power consumption while maintaining maximum light output. The bi-directional design warns approaching drives from both sides of the crosswalk.



NIGHT VISION CROSSWALK SYSTEM

SOLAR POWERED TECHNOLOGY

- Solar allows the system to operate virtually anywhere
- Most up-to-date solar technology and electronics
- Maintain power levels through rain, sleet, heavy snow or strong winds
- Built-in blocking diode prevents the reverse flow of electricity
- Heavy-duty aluminum frame for weather-resistant performance
- Control Box all aluminum construction protects contents from the elements
- Clean design for easy maintenance

CONTROL CABINET

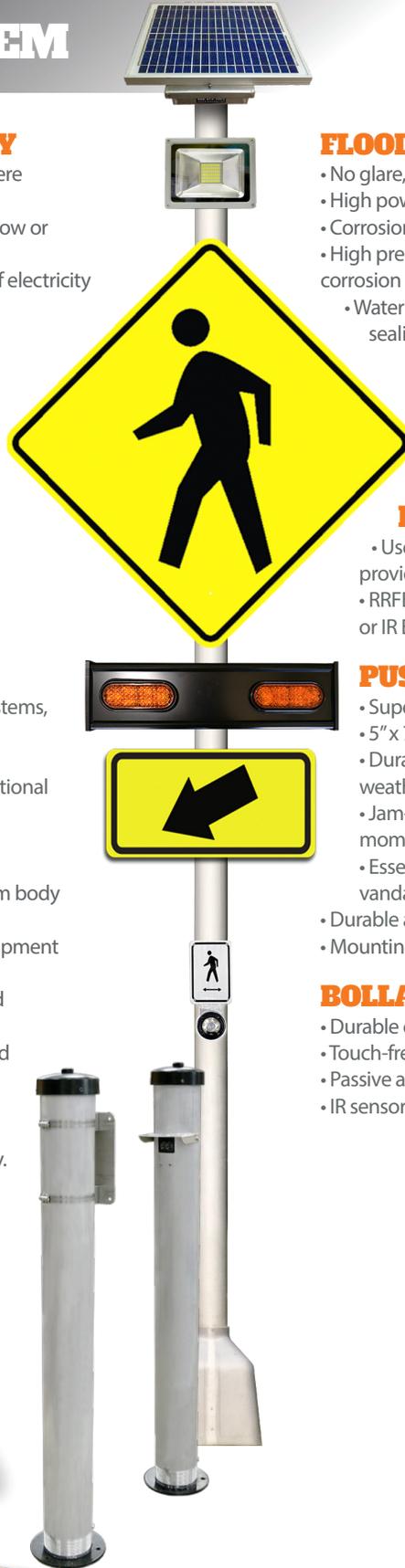
- Located under the solar panel at the top of the pole prevents tampering
- All aluminum, secure, weather-tight construction
- Lockable latch available

CROSSTALK CONTROLLER

- Advanced, Solar-Powered Lighting Controller
- Designed for multiple traffic & safety applications including school zone safety systems, pedestrian systems, speed/radar systems and more.
- Solar power and short-range wireless connectivity provides more functionality and flexibility than traditional "wired" systems.

IN-PAVEMENT LIGHTING

- Durable and corrosion resistant anodized aluminum body withstands weather.
- Mounts flush with surface to prevent highway equipment damage such as snowplows.
- Withstands heavy traffic with a 44,000 lb. static load rating.
- Long life LEDs have superior visibility day, night, and weather.
- Low energy consumption with maximum light output.
- Bi-directional design improves pedestrians visibility.
- Low maintenance sealed optic component
- Factory set directional optics eliminates field adjustments.
- Re-usable design eliminates replacement costs for highway resurfacing.



FLOOD LIGHT

- No glare, strong directivity, high evenness.
- High power LED chip integrated package 30W.
- Corrosion and weather resistant reflector surface.
- High pressure die cast aluminum housing is compact and corrosion resistance.
- Waterproof and dustproof housing has a silicon rubber sealing that is heat resistant for longevity.

REFLECTIVE SIGN MATERIAL

- High intensity signage.
- MUTCD compliant.
- Can be upgraded to Diamond Grade.

RRFB Rectangular Rapid Flash Beacon

- Used in combination with pedestrian warning signs, to provide a high-visibility strobe-like warning to drivers.
- RRFBs are activated to flash wirelessly with Push Buttons or IR Bollard System.

PUSH BUTTON

- Superior die-cast aluminum frame construction.
- 5" x 7" instructional sign is ADA-compliant.
- Durable 2" stainless steel button cap operates in all weather conditions.
- Jam-free push button works with pressure with a momentary switch rated at 36VDC.
- Essentially no moving parts for low maintenance and vandal resistance prevents activation by rain, sleet, snow.
- Durable aluminum construction measures 6" x 42"
- Mounting plate provides a stable and secure installation.

BOLLARD

- Durable construction and corrosion resistant spun aluminum
- Touch-free design prevents spread of disease.
- Passive activation with directionally IR sensor
- IR sensor hood prevents weather interference.