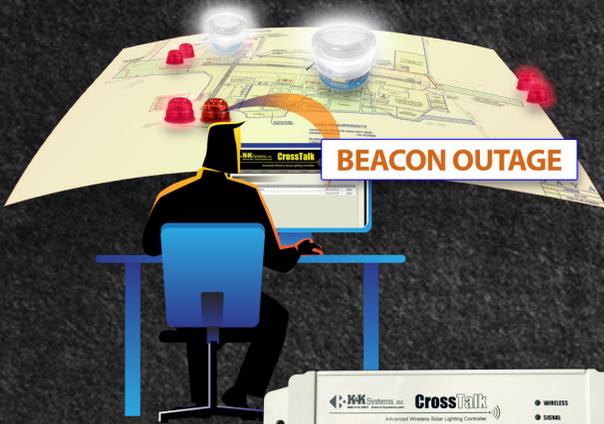




**K&K Systems, inc.**  
Traffic Safety Products Manufacturer

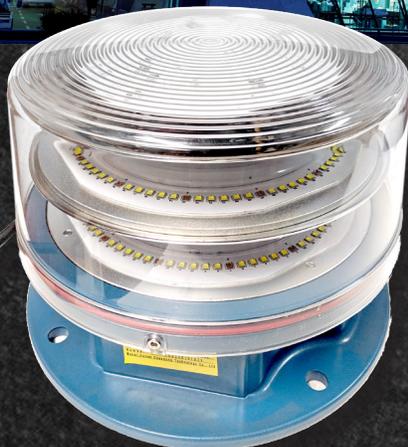


# AVIATION CONTROL SYSTEM

Status reporting at your fingertips anytime, anywhere

The K&K Aviation Control System combines K&K's CrossTalk Advanced Technology with our Aviation LED Beacon Series for optimal beacon monitoring efficiency. This system has been designed to monitor and report the status of aviation lighting anytime, anywhere. K&K Systems' proprietary communication device, the CrossTalk, using its' password protected, cloud-based software allows you to monitor and receive status logs on a single beacon or multiple beacons in multiple locations from any internet connected device. Each Aviation Beacon System has a CrossTalk device located inside the control box. It constantly monitors the beacon's daylight and night activation, usage, and even failure. In the event of a failure, the CrossTalk immediately sends a notification to the predesignated technician via email and text message so a beacon outage time is minimal.

Contact us today to manage manpower and lighting efficiently tomorrow.



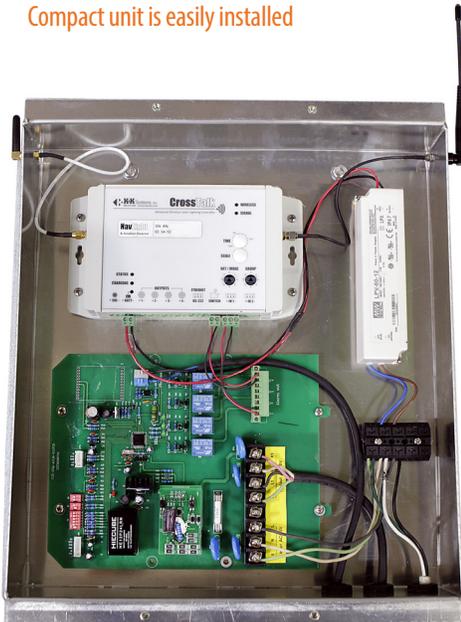
## BENEFITS

- ▶ 24/7 Monitoring and Status Logs
- ▶ K&K CrossTalk Cloud-Based Communication System reports and notifies beacon status for immediate response time for outages
- ▶ Aviation LED Beacon Technology with Daylight and Night modes
- ▶ 10 Year Service Plan
- ▶ Compact Unit Easily Installs

# AVIATION CONTROL SYSTEM SPECIFICATIONS



Compact unit is easily installed



Clean designed control cabinet for simple maintenance

## AVIATION LED BEACON

- Operating Voltage:** AC90-260V
- Power Consumption:** <40W (daylight) <15W (night)
- Flashing Frequency:** 20-60 times/minute
- Light Intensity:** >20000cd (white) / 2000cd (red)
- Life Span:** >100,000 hours
- Emitting Colors:** White/Red
- Beam Angle:** 360° horizontal, more than 3° vertical spread
- Overall Size:** 10.55" x 8.11"
- Weight:** 16 lbs.
- Optical Sensitivity:** 100 Lux
- Operating Temperature:** -40° F to 131° F



Emits Red Light for Night Hours  
Emits White Light for Daylight Hours

## CONTROL CABINET

- Construction:** All Aluminum
- Seal:** Weather Resistant
- Closure:** Hinged

## CROSSTALK CONTROLLER

- On-board 4G/LTE/LTE-M cellular modem
- Built-in solar controller with Maximum Power-Point Tracking (MPPT) and 3-stage battery charging
- On-board 900MHz local-area wireless (optional). Support for XBee and Bluetooth (future)
- Compact size, rugged panel-mount enclosure.
- Real-Time Clock / Calendar (RTCC).
- Digital / PWM out (4) with current sensing
- Dry-contact / switch input (1)
- Digital inputs (2) 5-30VDC
- External RS-232 serial port
- Low-voltage disconnect (LVD) battery management
- Extended temperature operation: -40 to +85 deg C

## MOUNTING LOCATIONS

- Tower
- High Mast Lighting
- Mountain Top
- Building Roof
- Bridge



## OPTIONS

- L-810 Obstruction Light
- Stainless Steel Control Cabinet
- Spun Aluminum Mounting Post