

Airport Lighting Control and Monitoring System



Compliances

Certified to FAA AC 150/5345-56 (Current Edition)

ICAO Annex 14, Vol. 1

ICAO Aerodrome Design Manual, Part 5



Application

The ALCMS simplifies the control and monitoring of lighted visual aids and enhances airport safety. The basic function of the system remains the same whether for a general aviation airport that supports only a few operations in a day or a large commercial airport which caters to hundreds of operations on any given day.

Key Features

- Preprogrammed Preset Failsafe that can be reconfigured in the field
- Capable of individually controlling each of the airport lighting circuit elements.
- Customizable touch screen(s) graphics dependent upon individual airport requirements and options
- Support of redundant communication networks including: Single Mode Fiber (SM), Multi Mode Fiber (MM), Wireless RF, Hardwire
- Control of non-Regulator elements such as Beacons, Wind Cones, Generators, and ATS
- Customizable RVR Presets
- Open architecture allows for simple integration of off-the-shelf replacement parts
- Future-proof system design that is easily expandable
- Real-time monitoring with extensive alarm and reporting capabilities
- Secure Transfer of Control from station-to-station is ensured by a grant/deny request system
- Variable parameters for each circuit and device include on-delay, soft start, monitoring, and alarming
- Available integration of L-854/ARCAL and/or photo-cell
- Robust industrial PLC backbone
- Offers programmable preset buttons to automate common procedures

Specifications

General Catalog Numbers

CMS - □ - A

Control Option

A = Control Only

B = Basic Monitoring

Failsafe Option

A = Preset