LCMS Helipad Lighting Control & Monitoring System

AV-ALS-HL

Features

- Modular and Scalable
- Tailored to each heliport system
- AC, DC or Solar variants available
- Standard & custom systems available
- In built over-current protection
- In built hazardous voltage protection with lock-out, tag-out capability (AC Systems)
- Compatible with a wide range of external control and monitoring systems
- Environmentally sealed enclosure
- Custom systems can be designed to meet customer specific requirements and processes
- Highly automated
- Optional touch screen panel mounted HMI

Applications

- Surface level helipads
- Elevated helipads
- Helidecks

The Avlite Lighting Control and Monitoring System (LCMS) uses the latest PLC technology to seamlessly blend manual and remote control functionality into a compact, intuitive and user friendly package.

Each LCMS system is designed and built to meet the specific requirements for the helipad or helideck solution and can be easily interfaced to any external or overarching control and monitoring system.

The LCMS has been designed with redundancy in mind and is compatible with conventional and custom redundant lighting circuits.

As standard the Avlite LCMS system contains in-built over-current protection and hazardous voltage interlocks (for AC systems) with lock out, tag out capability to ensure safe operation and maintenance whilst minimising lighting system down time.

The Avlite LCMS can be interfaced to the full suite of Avlite products and a wide range of third party products , ensuring centralised control and monitoring for each helipad solution.

Optional Features

The LCMS system has a variety of optional features and accessories including a panel mounted, touch screen HMI with a TCP/IP web interface for remote monitoring and control.

The HMI display can be customised and configured to meet customer requirements and align with site specific control processes and work flows.

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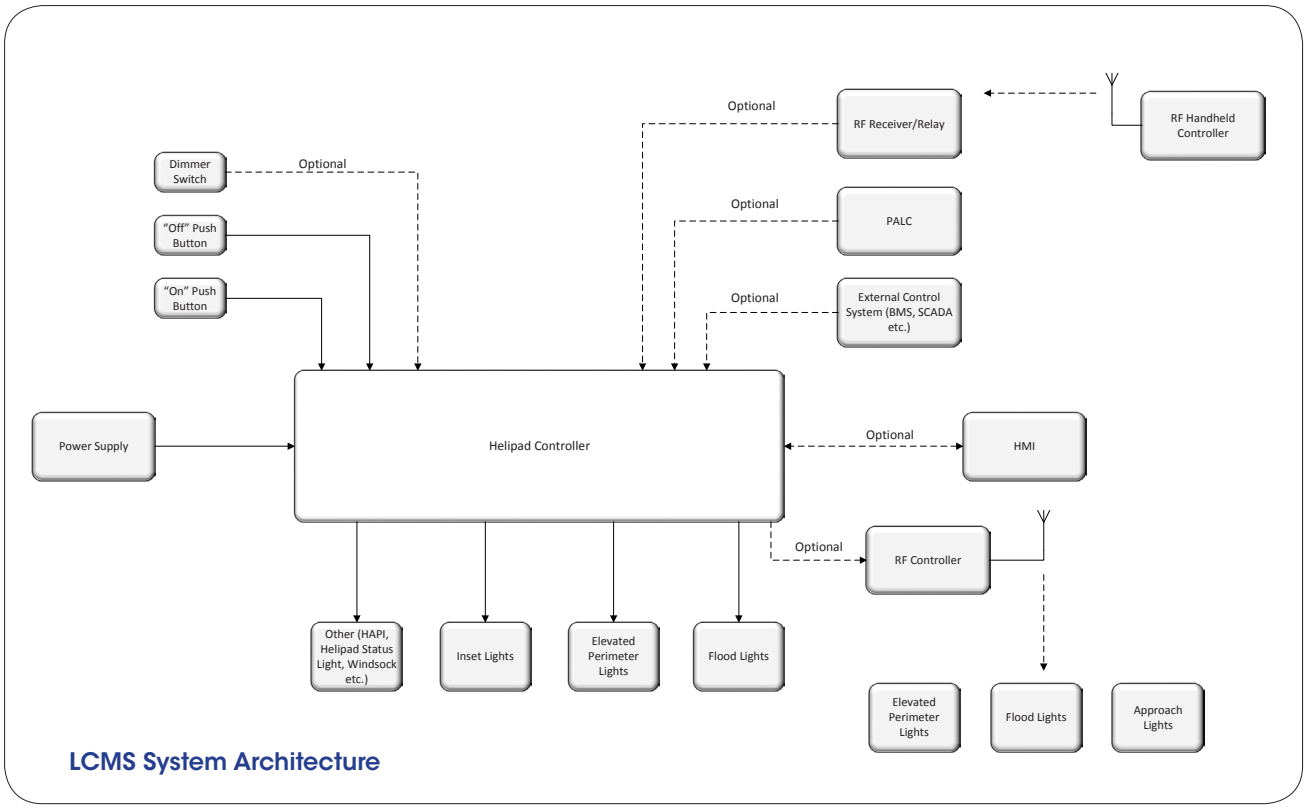

LCMS System Architecture

The modular design of the LCMS means any combination of optional features and control interfaces can be cost effectively aggregated into a single centralised control point.The system can utilise a wide variety of control protocols including AvMesh (RF), RS-232, digital inputs and analog inputs to provide consistent and synchronised helipad lighting control and monitoring.

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