Wireless Outdoor Lighting Control System

AirLink™ enabled by Synapse®
AirLink™

enabled by Synapse®

simple to specify  |  simple to install  |  simple to use
Simple to specify
The flexibility you need to design your site

- **Design your system with a full range of product offerings**
  specify a simple solution or a fully integrated lighting management system

- **Combine individual fixture control & area control**
  AirLink wireless solutions allows for limitless flexibility & customization

- **Easily match controls to the fixture package**
  on/off switching, 0–10V or any combination

Simple to install
Wireless simplifies installation & reduces callbacks

- **Less wiring makes installation faster**
  drastically reduce labor & risk for every project

- **Painless commissioning & setup**
  Commissioning can be done on-site or remotely

- **Eliminate callbacks**
  AirLink’s reliability helps stay within budget & reduces time spent on the job

Simple to use
Maximize performance, reduce headaches

- **Manage your system from any device with an internet connection**
  easily monitor & adjust lighting controls to maximize energy savings

- **Scalability**
  add new controls or upgrade software without replacing the existing system

- **Simple integration**
  connect AirLink with other building systems via BACnet protocol
The AirLink System

Wireless controls & sensors
- Wireless & Override Switches
- Occupancy/Vacancy & Daylight sensors
- AirLink-integrated Fixtures
- AirLink-compatible Fixtures
- Circuit & Zone Controllers

Centralized control & integration
- Site Manager Controller
- Gateway Module

Simple-to-use software
- AirLink Site Manager: Lighting control web app
- WiFi, Cellular or Ethernet Connection
Simple to Specify

**AirLink-integrated fixtures**

These LED fixtures are factory-installed with AirLink controllers and/or control receptacles. This assures complete lighting control while significantly reducing installation time in the field. More control, less time, less effort.

- **Mirada Area Light Family**
  - integrated or twist lock controller

- **Slice Area Light Family**
  - integrated or twist lock controller

- **Alliance High Bay**
  - integrated controller

- **Constitution Area Light**
  - twist lock controller

- **Tellus Area Light**
  - twist lock controller

- **Hilton Area Light**
  - twist lock controller

**AirLink-compatible fixtures**

AirLink is compatible with most fixtures. LSI offers system-compatible LED fixtures in a variety of designs & styles. Achieve the same wireless lighting control flexibility while catering to your site’s aesthetic.

- **Highbay fixtures**
- **Canopy lighting**
- **Wallpacks**
- **Bollards & landscape lighting**
- **Soffits & downlights**

* Always consult our website for the most up-to-date integrated fixture listings: [www.lsi-airlink.com/airlink-synapse/](http://www.lsi-airlink.com/airlink-synapse/)
Solutions for Every Space & Budget

The AirLink product family lets you personalize control for a variety of applications, such as: auto dealerships, parking lots/garages, shopping complexes & warehouses.

A Motion Detection

Occupancy sensors alter the operation of fixtures & other equipment in response to movement. Keeping light levels dimmed at night is great for energy conservation. If motion is detected, the lights will return to their original brightness which also provides a sense of security on site.

B Scheduling

AirLink’s scheduling capabilities automatically affect the operation of lights, zones or other equipment based on time of day or specified event. The AirLink Zone Controller & Circuit Controller allow for the dimming or switching of these fixtures.

C Daylight Harvesting

Exterior fixtures & rooms that receive natural light can utilize daylight harvesting to automatically adjust light levels by measuring the amount of ambient light in a given area. This functionality provides convenience & energy savings by only using as much light as needed.
Wireless switch
Simple to Install & Commission

The simplicity of the AirLink system saves labor cost, potential for error & overall time needed to spend on a job. The following points are a few of the highlighted benefits concerning installation, commissioning & post-installation.

1. Integrated controls

Whether you are building a new facility or upgrading an existing one, factory-installed controllers reduce installation time & risk of error in the field. Our AirLink-integrated & AirLink-compatible fixture lines are simple plug-n-play solutions for any application.

2. Wireless components

Traditional control systems require wiring to run from each fixture to an electrical box. AirLink components do not require any control wires to connect them from the fixture to the panel. This allows any site to become wireless without the huge labor upgrade cost.
AirLink can be integrated with your building system for full, seamless control.

The BACnet/IP protocol is the primary language used for system integration. BACnet is native in the AirLink Gateway Module & facilitates the communication between AirLink & other systems.

Building/Energy Management Systems (BMS/EMS)

HVAC

IT

Audio & Video

Energy Dashboards & Analytics Packages

Internet of Things

BACnet® is a registered trademark of ASHRAE.

3 Scalability
Whether a customer is expanding their business or renovating a building, AirLink is always ready to adapt. AirLink’s scalability allows it to be added to or altered at any time. If a customer decides to make their system BACnet compatible after the installation process, no problem! AirLink is designed to accommodate the ever-changing needs of your business.

4 Remote commissioning & training
In most applications, remote commissioning is offered to prevent unnecessary on-site cost. Our technicians work with the user to determine the programming that will best serve their needs. The technicians will then host a thorough training webinar where the users can learn about their site & how to manage it on their own.

5 Sustainability
The AirLink system gives customers the assurance to stay up & running. With our comprehensive remote diagnostic software, in-house technical support, software updates & reprogramming services, our team is prepared to help with anything.

Remote commissioning & training

Scalability

Sustainability
Simple to Use Software

AirLink Site Manager is a web-based lighting controls management application that gives users easy access to their site(s). Site Manager’s capabilities reduce calls to technical support & gives users the ability to make adjustments on their own.

Remote & Local Access
Depending on the customer’s needs, the system can be set up to be accessed locally and/or remotely.

Satellite Map View
Quickly view & display energy usage information to drive decision making & demonstrate savings.

Intuitive Navigation
An easy-access menu allows you to quickly view & edit devices, zones, scenes & schedules.
Zoning
Grouping fixtures & devices into zones makes it easier to manage daily functions & energy usage.

Schedules & Events
Create basic sunrise/sunset schedules & add events to temporarily alter them for specific occasions.

Contact LSI
For any questions regarding the AirLink system or components please contact our sales or support representatives.

Sales
controls.sales@lsi-industries.com

Support
controls.support@lsi-industries.com
1 (800) 436-7800 (support, option 8)

More information
For more information on AirLink, visit our website at www.lsi-airlink.com
A versatile, energy-saving control system for new construction & retrofit projects.

- **Occupancy/vacancy sensing** utilizes motion detection to adjust lights based on occupancy of a given area: **20 – 60%** Lighting savings
- **Daylight harvesting** dims the light-level when daylight is available to light the space: **25 – 60%** Lighting savings
- **Scheduling** provides pre-programmed changes in light levels based on time of day: **10 – 20%** Lighting savings
- **High-end trim** sets the maximum light level based on customer requirements in each space: **10 – 30%** Lighting savings
- **Dimming control** gives occupants the ability to adjust the light output to their comfort level: **10 – 20%** Lighting savings
- **HVAC integration** controls heating, ventilation & AC systems through contact closure or BACnet protocol: **5 – 15%** HVAC savings
- **Energy Monitoring** identifies energy usage information to drive conservation & cost savings: Variable