Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

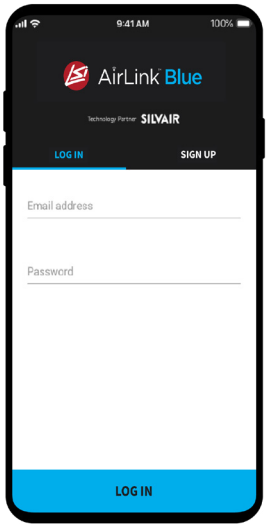
AirLink™ Blue

Technology Partner **SILVAIR**

iOS App

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone.

Download on the App Store



FEATURES & SPECIFICATIONS

Mobile app is used on site for manual control of the lighting system, adding or removing of fixtures from zones, calibrating photocontrol sensors and updating over the air firmware updates.

- Download LSI AirLink Blue app from the Apple App store iOS 12+ with Bluetooth enabled and internet connection min 3G WiFi or Cellular
- Register with a valid email and password
- Log in and view previously loaded Lighting Systems
- Update Lighting System Plans by adding zones and modifying control scenarios by zone
- Add Luminaires to a Lighting System
- Check basic operational data for a given luminaire
- Share and manage access to the Lighting System with other authorized users in predefined roles (owner, manager, installer, end user)
- Test basic lighting control functions in a zone
- Calibrate luminaire photocontrol sensors
- Check quality of the mesh network
- Update over the air firmware updates

A cloud backend stores the configuration and network keys and is responsible for:

- Automatic management of the mesh network.
- Configuration of the Lighting System to fulfill the Control Scenarios.
- Storage of Lighting System data.
- Auditing the applied configuration.
- Authorized User access management.
- Data security.
- Range 100 feet to fixture

Web app is used to plan and set up the system parameters and control scenarios prior to on site commissioning. Requires a browser (Chrome version 70 and higher) and an internet connection.

- Register with a valid email and password.
- Log in and view previously loaded Lighting Systems.
- Prepare a Lighting System Plan by adding floors, Zones and define Control Scenarios for a Zone.
- Share and manage access to the Lighting System with other Authorized Users in predefined roles of Owner, Manager, Installer and End User.
- Select change and customize lighting Control Scenarios.
- Set up custom scenarios that can be then applied to multiple Zones in the Lighting System using the mobile app.
- Observe how commissioning is progressing on site.

Light Control Features

- Grouping – of fixtures and sensors into zones. A zone is a group of fixtures that work with the same control scenario.
- Occupancy Sensing – Lights are automatically switched on to a defined light level by occupancy sensors and dimmed or switched off automatically when the zone is vacant. Once occupancy is detected, they return to the defined light level.

Adjustable Settings

- Motion Level - fully adjustable from 0-100%. Motion Level is defined as when the sensor detects motion the dimming control output goes to the selected high light level.
- Dim Level - fully adjustable from off, 0-100%. Dim level is defined as when the sensor stops detecting motion and the time delay expires the dimming control output goes down to the selected low light level.
- Time Delay - Time delay is defined as the time period that must elapse after the last time the sensor detects motion for the lights to go to low light level.
- Ambient Light – when the light level exceeds this setting the lights will turn off even if motion is detected. When the light level goes below the setting the lights will turn on even if no motion is detected.
- Scheduling – Light control settings may be adjusted automatically based on time of day and day of week or via an astronomical clock. Maximum number of events per day is 4. Set the time and level of lighting at that time.
- Scenes – Up to 4 user defined settings per zone for a group of luminaires and allow for the recall of those settings by scheduling.
- Zone Linking – Zones can be linked together to provide occupancy control to other zones to achieve simultaneous occupancy control over the whole area.
- High-end and low-end trim – Ability to adjust the maximum and minimum light level to which lights can be adjusted.
- On Power Up Behavior - After a power failure the fixtures can be configured to one of the following scenarios: keep the lights off, restore to the last state or adjust to a predefined level.

Control Scenarios

- Occupancy Sensing – Luminaires are automatically switched on to a defined level when motion is detected and dimmed or switched off when no motion is detected for a given time.
- Scheduling - Light control settings may be adjusted automatically based on time of day and day of week or via an astronomical clock. Maximum number of events per day 4. Set the time and level of lighting at that time.

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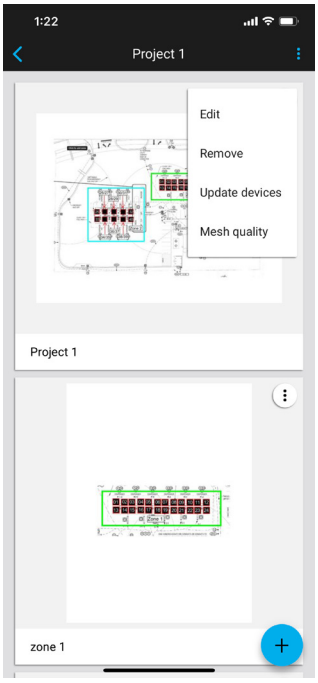
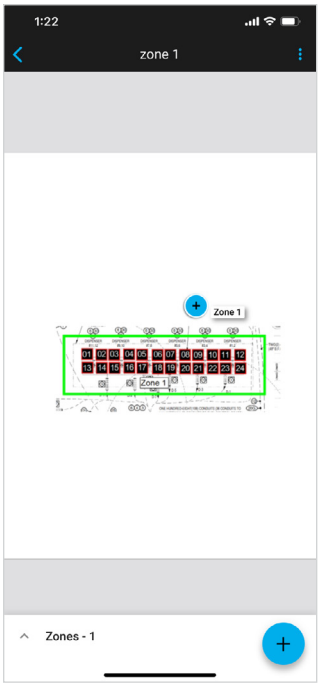
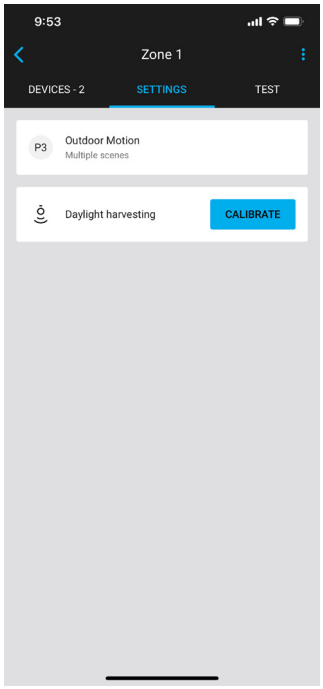


AirLink Blue Zone



AirLink Blue Settings



AirLink Blue Settings Test