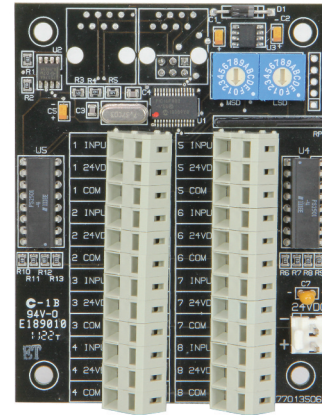




# LIGHT Sync OS81

Occupancy Sensor  
8 Input Module

- Provides power and inputs for occupancy sensors
- Installs directly onto output board or remotely
- 8 inputs per module that accept 24V signals
- Optically isolated inputs protect electronics
- Connect multiple sensors to each input
- Eliminates need for expensive power packs
- Works with major manufacturers' sensors
- Made in the USA



LightLEEDer Common  
Add-on Devices

## Overview

The LightSync Occupancy Sensor 8 Input module is designed to power and receive signals from multiple sensors on each of its 8 independent inputs. Eliminate expensive power packs by simply direct-wiring the sensors into the LightLEEDer inputs. This module mounts directly in the panel on the output module, or can be mounted remotely in a location central to the sensors. Each independent input can control any relay(s), group(s), or preset(s) throughout the network. Inputs also have a time-of-day or open/close time-of-action which could disable the input or change the relays controlled.

## Features

### General Information

- **Provides power and inputs** for occupancy sensors
- **Made in the USA**
- **Installs** directly onto the output board
- **Digitally addressable** device for a unique address
- **Remote mounting option** for LightSync network
- **RJ45 connectors** for remote mounting module
- **Connectors** are easy non-screw push-to-connect type
- **Optically isolated inputs** to protect the electronics
- **Sensor signals** accepted directly on module
- **Connect master and slave** sensors to each input
- **Works** with most major manufactured sensors

### Remote Mounting Option

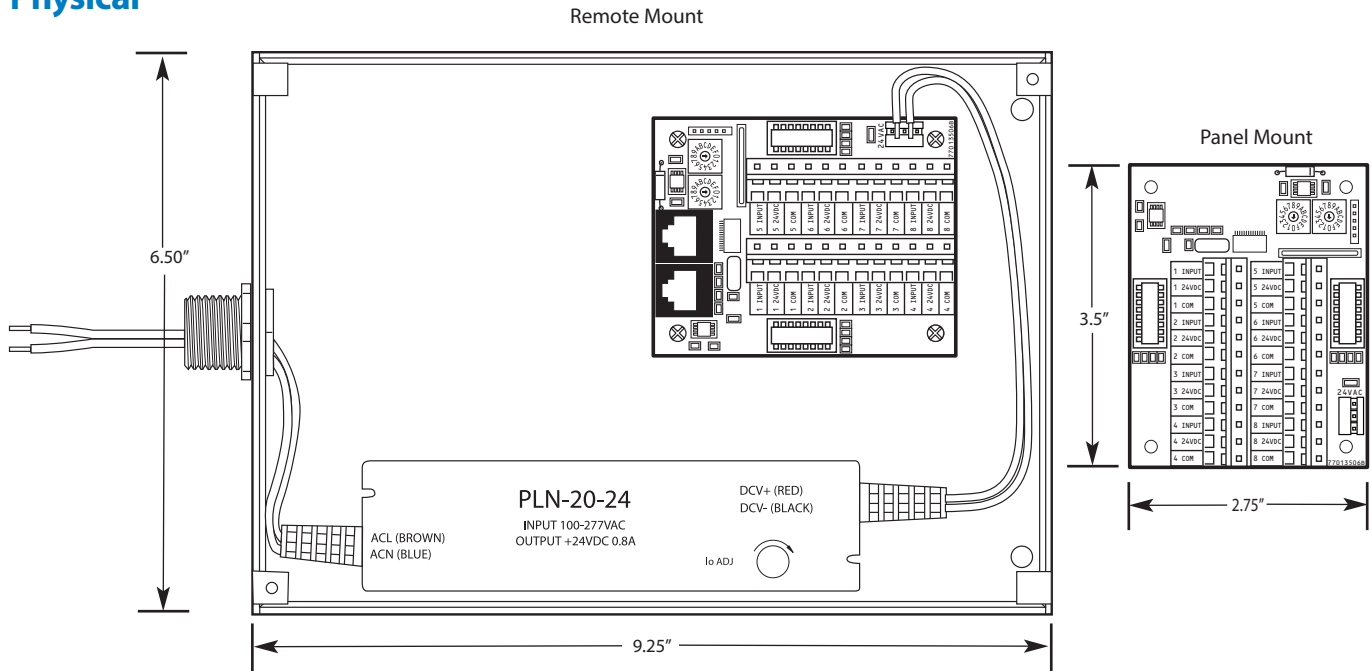
- **Remote mount** anywhere on the LightSync network
- **Powered** from a 120/277VAC power supply
- **RJ45 connectors** provided for easy connection
- **Great choice** for centrally locating the module with sensors



# LIGHT Sync OS8I

Occupancy Sensor  
8 Input Module

## Physical



## Specifications

### Safeguards:

- Optically isolated inputs protect electronics

### Physical:

- 2.75" W x 3.5" H
- Easy non-screw push-to-connect connectors
- Digital addressing switches
- RJ45 connectors for remote mounting option

### Remote Mount Physical:

- Enclosure: 6.50" x 9.25" x 2.50" with screw cover
- 1/2" nipple for mounting to an electrical box
- 6" wire leads provided for high voltage connection
- Push-to-connect low voltage connections
- Provided with pre-drilled mounting holes

### Electrical:

- Electronics powered from LightSync data line
- Sensors powered from 120/277VAC power supply
- Current: 800mA
- Voltage: 24VDC
- Current limited circuit

### Operating Environment:

- Location: Interior space
- Operating Temp.: 0° to 50° C
- Humidity: 10% - 90% Non-condensing
- Atmosphere: Non-explosive/corrosive
- Vibration: Stationary

### Certifications and Approvals:

- FCC Part 15
- UL

## Ordering

