



## Exceptional Performance and Effortless Energy Savings

# LIGHTHAWK

The LightHAWK Wall Switch Sensors feature superior motion detection utilizing passive infrared (PIR) and ultrasonic (US) sensing technologies. In addition to the standard ON/OFF versions, the LightHAWK sensors are available in dimming versions for additional energy savings with the convenience of 0-10V dimming. The dimming LightHAWK sensors can be set to come on at a predetermined level when occupied or to activate to the last-used dimming level, and allows continuous dimming using raise/lower buttons.

LightHAWK Sensors utilize Smart IntelliDAPT® Technology to analyze the controlled area and make digital adjustments to both sensitivity and timing settings for optimal performance, energy savings, and maintenance-free install-and-forget operation.



### Features

- Manual-ON (Vacancy Sensor) or Automatic-ON (Occupancy Sensor) operation
- 0-10V dimming versions available
- Built-in photo sensor for automatic daylight harvesting
- 400 - 1,000 square-foot coverage area depending on model
- Fits standard decorator wall plate
- Single or dual circuit control
- Five year warranty

### Applications



Private Offices



Conference Rooms



Restrooms



Utility Closets/Storage Areas

### General Specifications

	Technology	IntelliDAPT	Dimming	Voltage	PowerPack	Relay
LightHAWK Dual Tech Dimming	Passive Infrared/Ultrasonic	Yes	Yes (0-10V)	120V, 277V, 347V	Not required	No
LightHAWK Dimming	Passive Infrared	Yes	Yes (0-10V)	120V, 277V, 347V	Not required	No
LightHAWK Dual Tech	Passive Infrared/Ultrasonic	Yes	No	24V, 120/277V, 347V	Not Included (24V ver.)	Yes (24V ver.)
LightHAWK PIR	Passive Infrared	Yes	No	24V, 120/277V, 347V	Not Included (24V ver.)	Yes (24V ver.)
LightHAWK US	Ultrasonic	Yes	No	24V, 120/277V, 347V	Not Included (24V ver.)	Yes (24V ver.)
LightHAWK LHL Series	Passive Infrared	No	No	120/277V	Not required	No

## Ordering Information

### LightHAWK Dual Tech Dimming

MODEL	WIRING	COLOR <sup>1</sup>	MODE
<b>LHRDMMTS2</b> Single Relay, Two Button	<b>N</b> Neutral (120/277V) <b>N347</b> Neutral (347V)	<b>WH, IV, LA, GY, BK</b>	<b>Blank</b> Switchable Vacancy or Occupancy Mode <b>M<sup>2</sup></b> Vacancy Mode Only

Ordering Example: LHRDMMTS2-N-WH

### LightHAWK Dimming

MODEL	WIRING	COLOR <sup>1</sup>	MODE
<b>LHRDMIRS3</b> Single Relay, Three Buttons	<b>N</b> Neutral (120/277V) <b>N347</b> Neutral (347V)	<b>WH, IV, LA, GY, BK</b>	<b>Blank</b> Switchable Vacancy or Occupancy Mode <b>M<sup>2</sup></b> Vacancy Mode Only

Ordering Example: LHRDMIRS3-N-WH

### LightHAWK Dual Tech

MODEL	WIRING	COLOR <sup>1</sup>	MODE
<b>LHRMTS0</b> Single Relay, No Button	<b>G</b> Ground (120/277V)	<b>WH, IV, LA, GY, BK</b>	<b>Blank</b> Switchable Vacancy or Occupancy Mode
<b>LHRMTS1</b> Single Relay, One Button	<b>N347</b> (120/277V)		<b>M<sup>2</sup></b> Vacancy Mode Only
<b>LHRMTD0<sup>4</sup></b> Dual Relay, No Button	<b>24V<sup>3</sup></b> Low Voltage		
<b>LHRMTD2<sup>4</sup></b> Dual Relay, Two Button	<b>G347</b> Ground (347V)		
<b>LHRDCMTD0</b> Dual Circuit, No Button	<b>N</b> Neutral (347V)		
<b>LHRDCMTD2</b> Dual Circuit, Two Buttons			

Ordering Example: LHRMTS1-N-WH

### LightHAWK PIR

MODEL	WIRING	COLOR <sup>1</sup>	MODE
<b>LHRIRS0</b> Single Relay, No Button	<b>G</b> Ground (120/277V)	<b>WH, IV, LA, GY, BK</b>	<b>Blank</b> Switchable Vacancy or Occupancy Mode
<b>LHRIRS1</b> Single Relay, One Button	<b>N347</b> (120/277V)		<b>M<sup>2</sup></b> Vacancy Mode Only
<b>LHRIRD0<sup>4</sup></b> Dual Relay, No Button	<b>24V<sup>3</sup></b> Low Voltage		
<b>LHRIRD2<sup>4</sup></b> Dual Relay, Two Button	<b>G347</b> Ground (347V)		
<b>LHRDCIRD0</b> Dual Circuit, No Button	<b>N</b> Neutral (347V)		
<b>LHRDCIRD2</b> Dual Circuit, Two Buttons			

Ordering Example: LHRIRS1-G-WH

### LightHAWK US

MODEL	WIRING	COLOR <sup>1</sup>	MODE
<b>LHRUSS0</b> Single Relay, No Button	<b>G</b> Ground (120/277V)	<b>WH, IV, LA, GY, BK</b>	<b>Blank</b> Switchable Vacancy or Occupancy Mode
<b>LHRUSS1</b> Single Relay, One Button	<b>N347</b> (120/277V)		<b>M<sup>2</sup></b> Vacancy Mode Only
<b>LHRUSD0<sup>4</sup></b> Dual Relay, No Button	<b>24V<sup>3</sup></b> Low Voltage		
<b>LHRUSD2<sup>4</sup></b> Dual Relay, Two Button	<b>G347</b> Ground (347V)		
<b>LHRDCUSD0</b> Dual Circuit, No Button	<b>N</b> Neutral (347V)		
<b>LHRDCUSD2</b> Dual Circuit, Two Buttons			

Ordering Example: LHRIRS1-G-WH

### LightHAWK LHL Series

MODEL	BUTTONS	WIRING	COLOR <sup>1</sup>	MODE
<b>LHL-IRS</b> LightHAWK LHL, Passive Infrared, Single Relay	1 1	<b>G</b> Ground (120/277V)	<b>WH, IV, LA, GY, BK</b>	<b>Blank</b> Switchable Vacancy or Occupancy Mode <b>M<sup>2</sup></b> Vacancy Mode Only

Ordering Example: LHL-IRS1-G-WH

- 1 WH - White, IV - Ivory, LA - Light Almond, GY - Gray, BK - Black
- 2 Not available with No Button models
- 3 Requires UVPP or MP-series power pack, not included
- 4 Only available in 24V; Use LHRDC for other voltages