



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 ¹	MODE
LHDMMTS2 Single Relay, Two Button	N Neutral (120/277V) N347 Neutral (347V)	WH, IV, LA, GY, BK	Blank Switchable Vacancy or Occupancy Mode M² Vacancy Mode Only

Ordering Example: LHDMMTS2-N-WH

LightHAWK Dimming

MODEL	WIRING	COLOR ¹	MODE
LHDMIRS3 Single Relay, Three Buttons	N Neutral (120/277V) N347 Neutral (347V)	WH, IV, LA, GY, BK	Blank Switchable Vacancy or Occupancy Mode M² Vacancy Mode Only

Ordering Example: LHDMIRS3-N-WH

LightHAWK Dual Tech

MODEL	WIRING	COLOR ¹	MODE
LHMTS0 Single Relay, No Button	G Ground (120/277V)	WH, IV, LA, GY, BK	Blank Switchable Vacancy or Occupancy Mode
LHMTS1 Single Relay, One Button	N347 (120/277V)		M² Vacancy Mode Only
LHMTD0⁴ Dual Relay, No Button	24V³ Low Voltage		
LHMTD2⁴ Dual Relay, Two Button	G347 Ground (347V)		
LHDCMTD0 Dual Circuit, No Button	N Neutral (347V)		
LHDCMTD2 Dual Circuit, Two Buttons			

Ordering Example: LHMTS1-N-WH

LightHAWK PIR

MODEL	WIRING	COLOR ¹	MODE
LHIRS0 Single Relay, No Button	G Ground (120/277V)	WH, IV, LA, GY, BK	Blank Switchable Vacancy or Occupancy Mode
LHIRS1 Single Relay, One Button	N347 (120/277V)		M² Vacancy Mode Only
LHIRD0⁴ Dual Relay, No Button	24V³ Low Voltage		
LHIRD2⁴ Dual Relay, Two Button	G347 Ground (347V)		
LHDCIRD0 Dual Circuit, No Button	N Neutral (347V)		
LHDCIRD2 Dual Circuit, Two Buttons			

Ordering Example: LHIRS1-G-WH

LightHAWK US

MODEL	WIRING	COLOR ¹	MODE
LHUSS0 Single Relay, No Button	G Ground (120/277V)	WH, IV, LA, GY, BK	Blank Switchable Vacancy or Occupancy Mode
LHUSS1 Single Relay, One Button	N347 (120/277V)		M² Vacancy Mode Only
LHUSD0⁴ Dual Relay, No Button	24V³ Low Voltage		
LHUSD2⁴ Dual Relay, Two Button	G347 Ground (347V)		
LHDCUSD0 Dual Circuit, No Button	N Neutral (347V)		
LHDCUSD2 Dual Circuit, Two Buttons			

Ordering Example: LHUSS1-G-WH

LightHAWK LHL Series

MODEL	BUTTONS	WIRING	COLOR ¹	MODE
LHL-IRS LightHAWK LHL, Passive Infrared, Single Relay	1 1	G Ground (120/277V)	WH, IV, LA, GY, BK	Blank Switchable Vacancy or Occupancy Mode M² 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 LHDC for other voltages