

*Hubbell Adaptive Technology  
Occupancy Sensors*

*You Don't Adapt to Them...  
They Adapt to You!*

*Now Featuring  
Low Voltage with HVAC  
Integration Capability*

The Hubbell Dual Technology Low Voltage Wall Sensor offers an energy savings solution for use with lighting, HVAC and to comply with Automatic Receptacle Control. The sensor operates with a control unit enabling line voltage and low voltage wiring to be easily separated. This makes for an ideal cost effective solution when used in smaller spaces such as private offices, conference rooms and restrooms.

The sensor features Hubbell's patented Adaptive Technology, eliminating the need for manual adjustment. It continuously analyzes the environment and automatically adjusts the sensitivity and timer based on the environmental history. This helps provide true maintenance free "Install and Forget" operation. This series features selectable Automatic ON/OFF or Manual ON/Automatic OFF, (vacancy only) operation modes with a built-in photocell for automatic daylight harvesting.

*Dual Technology  
Low Voltage  
Wall Switch Sensors*



- Dual technology sensing combines the individual advantages of passive infrared and ultrasonic detection
- Adaptive Technology – no manual adjustment required
- 1000 Sq. Ft., 180° area of coverage
- No minimum load requirement
- Requires CU300xx series control units



# Dual Technology Low Voltage Wall Switch Sensors

## Dual (Ultrasonic and Passive Infrared)

24VDC requires a CU300xx series control unit.

Description	Color	Single Circuit	Dual Circuit
		1 button	2 buttons
Selectable Manual/ Auto ON	Black	<b>AD2240BK1</b>	<b>AD2240BK2</b>
	Gray	<b>AD2240GY1</b>	<b>AD2240GY2</b>
	Ivory	<b>AD2240I1</b>	<b>AD2240I2</b>
	Light Almond	<b>AD2240LA1</b>	<b>AD2240LA2</b>
	White	<b>AD2240W1</b>	<b>AD2240W2</b>
Manual ON (Vacancy)	Black	<b>AD2241BK1</b>	<b>AD2241BK2</b>
	Gray	<b>AD2241GY1</b>	<b>AD2241GY2</b>
	Ivory	<b>AD2241I1</b>	<b>AD2241I2</b>
	Light Almond	<b>AD2241LA1</b>	<b>AD2241LA2</b>
	White	<b>AD2241W1</b>	<b>AD2241W2</b>

Note: Wallplate sold separately.



## Specifications

Timer Time-outs	Auto mode: 4-30 minutes; self-adjusts based on occupancy; fixed mode: 4, 8, 15, and 30 minutes; Test mode: 5 seconds
Photocell	Natural light override range: 10–500 foot-candles
Electrical Ratings	24VDC, 33mA. Requires a CU300xx series control unit
Operating Environment	Indoor use only, operating temperature: 32° to 104°F (0° to 40°C), relative humidity (non-condensing): 0% to 95%
Construction	Casing: high-impact injection-molded plastic (UL-94-5V) Impact-resistant lens, color-coded leads are 6" long Wrap around galvanized steel mounting strap
Certifications	Listed UL, cUL
Warranty	Five-year limited

## Range

