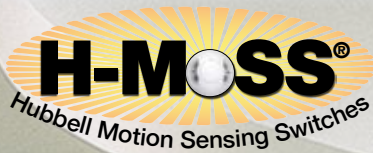


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## H-MOSS® Occupancy and Vacancy Sensors



**Tomorrow's  
Technology  
Today!**

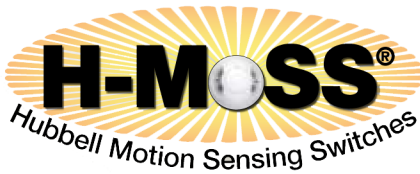


**See Reverse  
for a Limited  
Time Offer!**



**Adaptive Technology • Dual Technology  
Ultrasonic • Passive Infrared**





**IN-STOCK  
& ON-SALE at**

**Schaedler  
yesco**

**Hurry! Special pricing ends June 12, 2009.**

| Catalog Number  | Description   | Color | Sale Price |
|---|---|-------|------------|
| <b>Adaptive Technology, Dual (Ultrasonic and Passive Infrared) Motion Sensors</b> |   |       |            |
| AD1277I2  | Wall Switch, dual circuit with two buttons for manual/auto control, 1000 sq. ft. coverage                     | Ivory | \$89.99    |
| AD1277I1  | Wall Switch, single circuit with one button for manual/auto control, 1000 sq. ft. coverage                    | Ivory | \$59.99    |
| AD1277I1N   | Wall Switch, single circuit auto control with no button, 1000 sq. ft. coverage                                | Ivory | \$59.99    |
| AD1277W1  | Wall Switch, single circuit with one button for manual/auto control, 1000 sq. ft. coverage                    | White | \$59.99    |
| AD1277W1N   | Wall Switch, single circuit auto control with no button, 1000 sq. ft. coverage                                | White | \$59.99    |
| ATD1600W  | Wall Mount, 32kHz, includes swivel mounting bracket included for wall or ceiling mount, 1600 sq. ft. coverage | White | \$115.99   |
| ATD2000C  | Ceiling Mount, 2000 sq. ft. coverage  | White | \$111.99   |
| ATD1000C  | Ceiling Mount, 1000 sq. ft. coverage  | White | \$109.99   |
| ATD500C   | Ceiling Mount, 500 sq. ft. coverage   | White | \$84.75    |

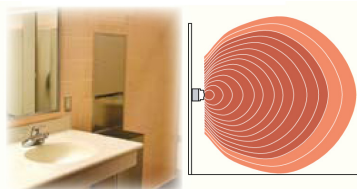
| <b>Adaptive Technology, Passive Infrared Motion Sensors</b> |   |       |         |
|---|---|-------|---------|
| AT1277I   | Wall Switch, with one button for manual/auto control, 1200 sq. ft. coverage | Ivory | \$52.75 |
| AT1277W   | Wall Switch, with one button for manual/auto control, 1200 sq. ft. coverage | White | \$52.75 |
| ATP1500C  | Ceiling Mount, 1500 sq. ft. coverage  | White | \$64.99 |
| ATP600C   | Ceiling Mount, 450 sq. ft. coverage   | White | \$69.95 |

| <b>Adaptive Technology, Ultrasonic Motion Sensors</b> |                                      |       |         |
|---|--------------------------------------|-------|---------|
| ATU2000C  | Ceiling Mount, 2000 sq. ft. coverage | White | \$98.99 |
| ATU1000C  | Ceiling Mount, 1000 sq. ft. coverage | White | \$93.99 |

| <b>Standard Passive Infrared Motion Sensors</b> |   |       |         |
|---|---|-------|---------|
| WS1277I   | Wall Switch, with manual adjustment time delay and one button on/off manual control | Ivory | \$32.50 |
| WS1277W   | Wall Switch, with manual adjustment time delay and one button on/off manual control | White | \$32.50 |

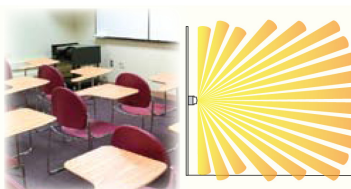
| <b>Accessories</b> |  |  |         |
|--------------------|--|--|---------|
| CU300A             | Control Unit, 24V DC power supply for 1 to 4 sensors or sensor/Add-A-Relay combo         |  | \$21.99 |
| AAR                | Add-A Relay, internal relay for control of external lighting load, requires control unit |  | \$17.99 |

**Ultrasonic (US)**



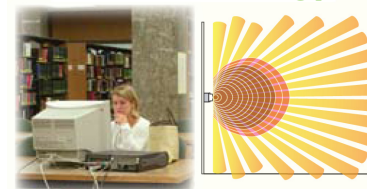
Ultrasonic technology senses occupancy by bouncing ultrasonic sound waves off objects in a space and detecting a frequency shift between the emitted and reflected sound waves. Movement by a person within the space causes a shift in frequency. Ultrasonic occupancy sensors are good at detecting minor motion (e.g. typing, reading) and do not require an unobstructed line-of-sight, thus making them suitable for applications such as an office with cubicles or a restroom with stalls.

**Passive Infrared (PIR)**



Passive Infrared (PIR) technology senses occupancy by detecting the difference between heat emitted from the human body and the background space. PIR sensors require an unobstructed line-of-sight for detection. These sensors utilize a segmented lens, which divides the coverage area into zones. Movement between these zones is interpreted as occupancy. PIR sensors are good at detecting major motion (e.g. walking) and work best in small, enclosed spaces with high levels of occupant movement.

**Dual Technology**



Dual technology occupancy sensors use both passive infrared and ultrasonic technologies for maximum reliability. These sensors also minimize the risk of false triggering (lights coming on when the space is unoccupied). Both ultrasonic (US) and passive infrared (PIR) technologies must detect occupancy to turn lighting on, while continued detection by only one technology will keep lighting on. The dual technology sensors are the best performing sensor for most applications.