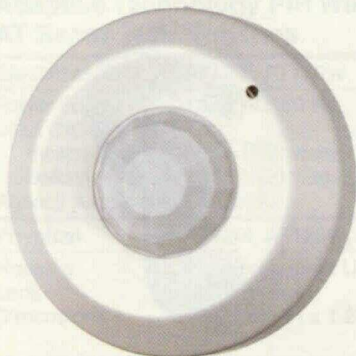


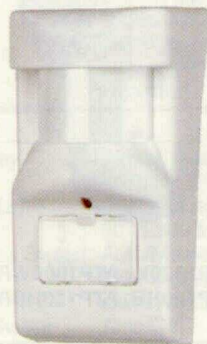
# H-MOSS® Occupancy Sensors

## Ceiling and Wall Mount Sensors

Passive Infrared



PIR1000C, PIR500C  
HMC1AC



PIR1600W, PIR90HW1

Hubbell PIR series sensors detect occupancy based on a passive infrared signal. The ceiling mount model is available with a wide view lens for large areas with multiple occupants and a high density lens for areas with a single occupant where small motion detection is desired. The wall mount model is available with wide view and hallway coverage patterns and includes a photocell for ambient light level control. A CU series control unit is required for use with PIR series sensors.

Description	Catalog Numbers
Passive infrared ceiling sensor, wide view lens, 1000 sq. ft. coverage.	PIR1000C
Passive infrared ceiling sensor, high density lens, 500 sq. ft. coverage.	PIR500C
Passive infrared wall mount sensor, wide view lens, 1600 sq. ft. coverage, with photocell.	PIR1600W
Passive infrared wall mount sensor, hallway lens, 75 linear ft. coverage, with photocell.	PIR90HW1
Passive infrared ceiling sensor, wide view lens, 1000 sq. ft. coverage, 24V AC, for use with Direct Digital Control (DDC) Systems.	HMC1AC
Adapter plate for use with PIR1000C, PIR500C, HMC1AC, or LON1C when mounting on a 4" octagonal flush steel box and concrete ring.	HMCAP

Notes: A CU series control unit is required for use with PIR series ceiling and wall mount sensors.

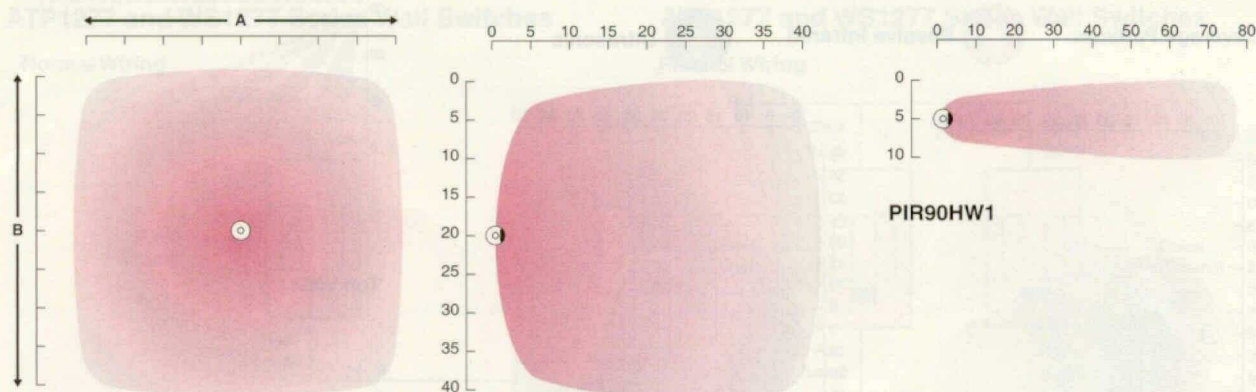
See page D-11 for control units and Add-A-Relay.

See pages D-16–19 for technical data and wiring schematics.

### Coverage Patterns



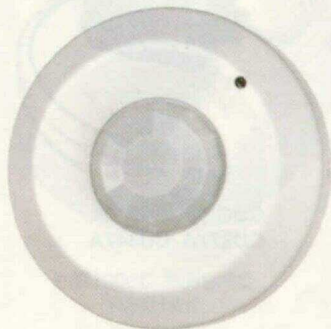
Passive Infrared



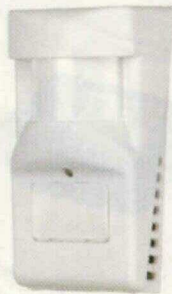
Catalog #	A(ft.)	B(ft.)
PIR1000C	28	24
HMC1AC		
PIR500C	24	24

PIR1600W

PIR90HW1



LON1C

LON3W  
LON3HW

Hubbell LON series multi-function sensors are designed for use on LonWorks building automation control networks. LonWorks, a standardized communication protocol developed by Echelon Corporation, allows for open, interoperable communication between sensors, actuators, and controllers on a common communication bus. Since all LonWorks-based products include a microprocessor with a common communication standard, products from various manufacturers can be installed on the bus to communicate information for the control of all building functions.

These multi-function sensors provide occupancy, ambient light, and temperature (LON3W and LON3HW only) and are available in ceiling, wall mount, and hallway models.

Description	Catalog Numbers
Passive infrared multi-function ceiling sensor, wide view lens, 700 sq. ft. coverage, senses occupancy and ambient light.	LON1C
Passive infrared wall mount sensor, wide view lens, 1600 sq. ft. coverage, senses occupancy, ambient light, and temperature.	LON3W
Passive infrared wall mount sensor, hallway lens, 75 linear ft. coverage, senses occupancy, ambient light, and temperature.	LON3HW
Adapter plate for use with PIR1000C, PIR500C, HMC1AC, or LON1C when mounting on a 4" octagonal flush steel box and concrete ring.	HMCAP

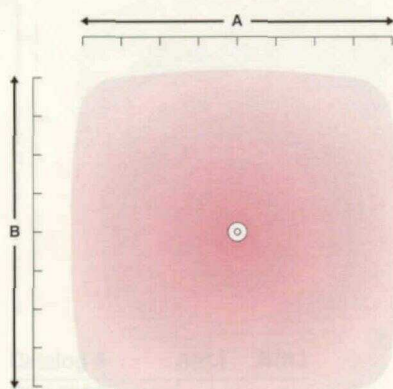
Note: See pages D-13 and D-20 for technical data.

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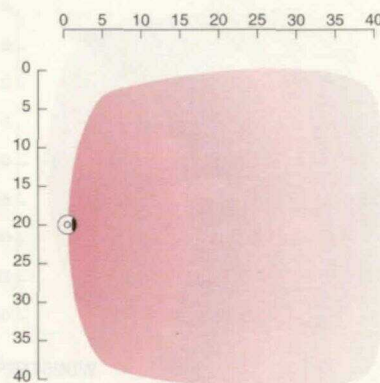
## Coverage Patterns



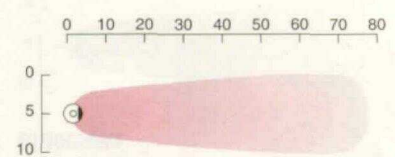
Passive Infrared



LON1C



LON3W



LON3HW