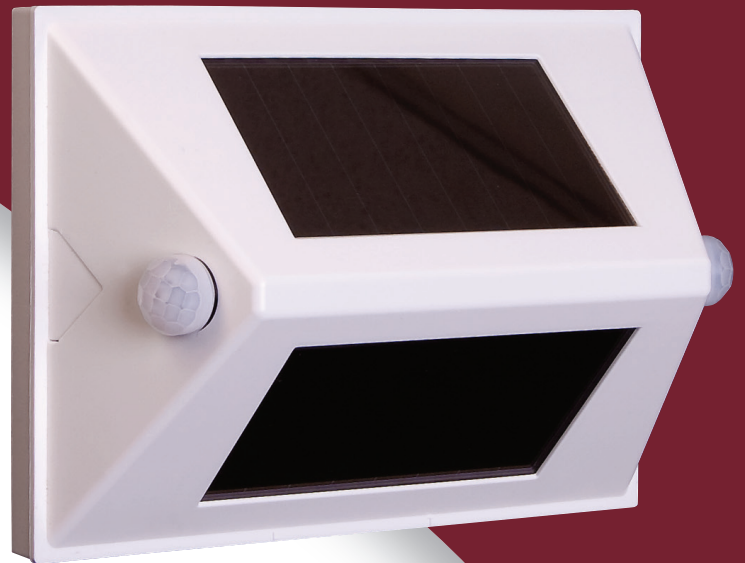




Hallway Occupancy Sensor

Save energy in common areas with occupancy based controls.

The Verve® Hallway Occupancy Sensor combines occupancy sensing technology with energy-harvesting radio frequency communication to automatically turn off or reduce lighting in a hallway when it is unoccupied or to automatically turn on the lights when someone enters the hallway. The hallway occupancy sensor is powered by built-in solar cells and uses passive infrared (PIR) motion detectors that sense changes in infrared radiation which occur when there is movement that registers at a different temperature from the surroundings. The sensor's performance is optimized in areas where a sufficient amount of egress lighting is always present. The sensor can be used in either Auto-on/Auto-off or Manual-on/Auto-off applications.



Features & Benefits

- Communicates wirelessly with other Verve devices using EnOcean radio frequency technology.
- Integrated solar cell enables ambient solar harvesting to power the device and eliminates the need for wires or batteries.
- Dual PIR motion sensor with wide viewing angle for maximum efficiency in hallway applications.
- Two buttons with LED indicator light can be used to link and configure the device.



Hallway Occupancy Sensor



Specifications

Power Supply	Solar harvesting
Inputs/Outputs	Dual solar cells for energy harvesting Dual PIR motion sensors with 360° lenses Radio Frequency (RF) transmitter Buttons with LED for device configuration
Detection Range	64ft. total (32ft. in each direction)
Communications	315MHz EnOcean RF
Transmission Range	80ft. (25m)
Minimum Light Level	200 lux (20fc)
Startup Charge Time	2 minutes @ 200 lux (20fc)
Radio Transmissions	Heartbeat every 90 seconds @ 200 lux
Dimensions	4.8" H x 6.7" W x 2.7" D (122 mm x 170 mm x 69 mm)
Mounting Height	7 feet (recommended)
Environment	<ul style="list-style-type: none"> Indoor use only 15° to 20°F (-10° to 50°C) 0% to 95% relative humidity (non-condensing)
Agency Listing	FCC, I.C.
Warranty	5 years

Verve occupancy sensors are the perfect energy saving solution for any space where traffic patterns or occupancy determine the need to power the space. Link the Verve® Hallway Occupancy Sensor with the in-line switch module or single channel controller to automatically turn off or reduce lighting in a hallway when it is unoccupied and to automatically turn on the lights when someone enters the hallway.



In-Line Switch Module
VISM-W



Thermostat
Low V: X4103100W3VN
Line V: X41031LOW3VN



Single Channel Controller
X2101F03E3VN

Sensor Range and Coverage Diagrams

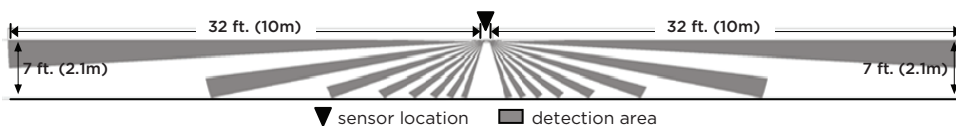


Fig. 1: Side view of sensor coverage based on 7ft. mounting height

Ordering information

Item Number	Item Description	Color
X4101100W3VN	Hallway Occupancy Sensor	White

VERVE® LIVING SYSTEMS
877-874-8774
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