The FMH-6-MV Occupancy Sensor is designed to mount directly to industrial style fluorescent luminaires and is ideal for high ceiling applications such as warehouses, manufacturing facilities, and other high ceiling applications.

OPERATIONS
The sensor detects changes in the infrared energy given off by occupants as they move within the field-of-view. When occupancy is detected, a self-contained relay switches the connected lighting load on. The sensor is line powered and can switch line voltage. An internal timer, factory set at 15 seconds, keeps the lights on during brief periods of inactivity.

OPERATIONAL MODES
Auto ON, Auto OFF

COVERAGE AREA
Best choice for 15 to 30 ft mounting heights. 15 to 20 ft radial coverage overlaps area lit by a typical high bay fixture (refer to Fig. A)
**DETECTION FIELD**

Note:
The coverage data is measured under the best temperature condition (20-25ºC). A higher temperature may not lead to an ideal coverage.

**PROGRAMMING**

Time Delay Adjustment:
This adjustment controls the amount of time the lights stay ON after the last detected motion. Time delay may be adjusted from 15 seconds up to 30 minutes.

Sensitivity Adjustment:
To decrease PIR detection range and sensitivity, rotate the knob counter clockwise. The detection range can be adjusted from 100% down to 30%.

**WIRING DIAGRAM**

Warning: The units are intended to be installed by a qualified person with properly rated branch circuit protectors as per applicable local and national regulations (CEC, NEC).

Avoiding HVAC Turbulence
When Heating, Ventilating or Air Conditioning (HVAC) registers turn on, they create turbulence which can cause the sensor to activate. It is important that the sensor and HVAC register be separated by at least 6 feet.

If the sensor's location give it a view of other rooms or hallways, lights will turn on when movement is detected in these adjacent areas. The sensor's detection zone may be restricted by masking a portion of the lens or by moving the sensor to eliminate detection through doorways.

**WARRANTY**

Espen Technology, Inc. warrants these products to be free of defects in manufacture and workmanship for a period of sixty months.

**NO IMPLIED STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY BEYOND THE AFOREMENTIONED WARRANTY PERIOD,**

This warranty is exclusive of all other statutory, written or oral warranties, and no other warranties of any sort, statutory or otherwise, are provided or herein expressed. All Espen Technology’s responsibilities regarding the sensor and the claimant’s exclusive remedy are set forth by this warranty.

**LIMITATION OF LIABILITY**

Under no circumstances will Espen Technology be liable for any consequential, incidental, special, or exemplary damages including but not limited to, loss of profits or revenues, loss of use of sensor or any other goods or associated equipment or damage to any associated equipment, cost of capital, cost of substitute products, facilities of services, down time cost, or claims of claimant's customers as a result of breach of contract, breach of warranty, tort, strict liability.

This warranty gives the claimant specific legal rights. The claimant may also possess other rights that vary from state to state.