



# Dual Technology Occupancy/Vacancy Sensor

## 42EDS1



### OVERVIEW

The MarkTime® 42ESD1 Dual Technology Occupancy/ Vacancy Sensor is used to provide automatic lighting control for rooms that are not occupied all the time providing energy savings and convenience. State-of-the-art technology not only gives you a choice of Manual-ON (Vacancy Sensor) or Auto-ON (Occupancy Sensor) switching, but also two sensing methods for maximum detection efficiency.

### APPLICATIONS

These Occupancy Vacancy Sensors can be used in a variety of residential and commercial environments. The large field of view on the MarkTime® 42ESD1 makes this unit suitable for use in large areas such as conference rooms, basements and storage rooms.

### FEATURES & BENEFITS

- Dual Technology sensing (Passive Infrared and Ultrasonic) minimizes false triggering for high reliability.
- Ratings of 120VAC to 277VAC make this versatile unit ideal for residential and commercial applications.
- Walk-Through mode provides additional energy savings by decreasing the time delay to 3 minutes when someone momentarily walks through the monitored space.
- Manual-On or Automatic-On options provide user flexibility to choose the function that best suits their needs.
- Adjustable ambient light level prevents sensor from turning lights on when there is ample natural light for maximum cost and energy savings.
- Adjustable time delay of 15 seconds to 30 minutes allows for the most effective energy management.
- Sensor sensitivity can be increased for larger rooms and decreased for smaller rooms to reduce false triggering for high reliability.
- Manual Pushbutton Override provides manual ON/OFF switching at any time for added convenience.
- Fits standard wall box and replaces a single-pole wall switch for fast easy installation.
- Slim design blends in with wall plate for a discreet appearance.
- CA Title 24 Compliant

### RATINGS

|                              |              |
|------------------------------|--------------|
| Input: 120/277 VAC, 50/60 Hz |              |
| 800VA - 120 VAC              | Fluorescent  |
| 1600VA - 277 VAC             | Fluorescent  |
| 800W - 120 VAC               | Incandescent |
| 1/4 Hp - 120 VAC             | Motor        |

### ORDERING INFORMATION

| Part #   | Description      |
|----------|------------------|
| 42EDS1-I | Dual Tech, Ivory |
| 42EDS1-W | Dual Tech, White |

Standard Decorator Wall Plate Included

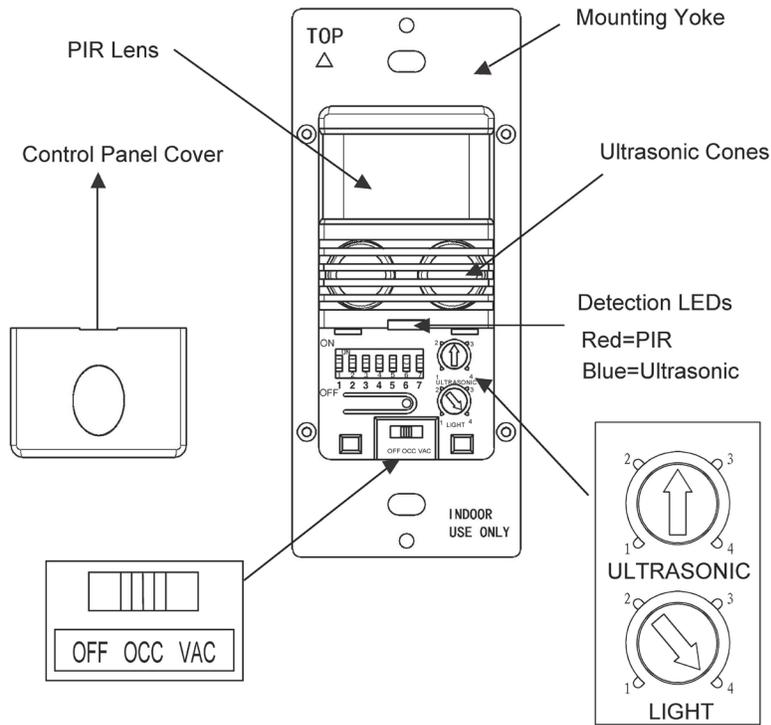
### WARRANTY

3 Year Limited Warranty

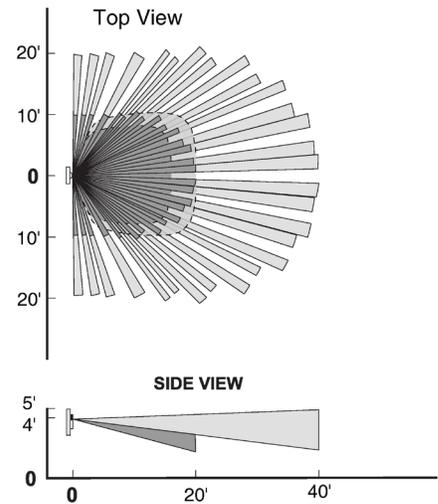


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## KEYPAD



## COVERAGE AREA



**PIR: 180° x 40 Ft.  
1,200 Sq. Ft. Total**

**US: 180° x 20 Ft.  
400 Sq. Ft. Total**

## WIRING DIAGRAM

