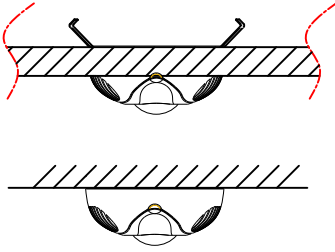


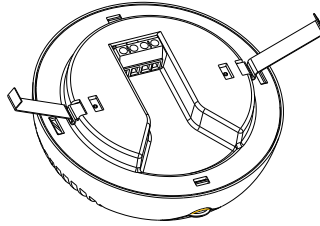
1: Sensor Mounting Choices

The sensor may be mounted either in a drop-ceiling panel, or on a solid ceiling. In a drop-ceiling panel, two metal springs serve to retain the sensor in the panel. On a solid ceiling, the sensor is mounted on a base ring (Supplied with the sensor). The base ring is fastened to the ceiling by means of two screws.



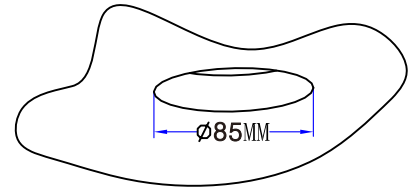
2: Drop-ceiling Mounting: Base Preparation

Install the two retaining springs as shown.



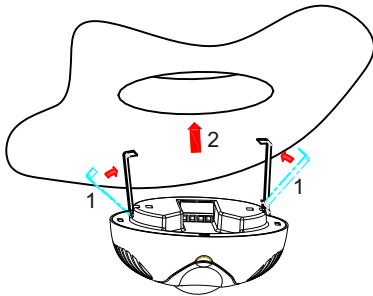
3: Drop-ceiling Mounting: Panel Preparation

Use a hole saw to cut a 85 mm circular hole in the drop-ceiling panel at the desired location.



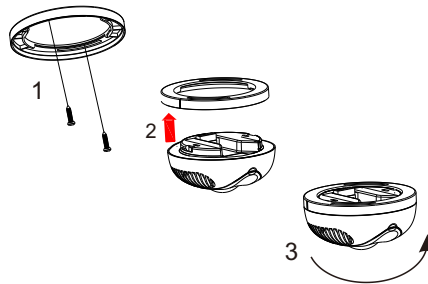
4: Drop-ceiling Mounting: Sensor Installation

Press the retaining springs together, then push the springs and the sensor base through the ceiling panel hole until the sensor rim is seated against the panel.



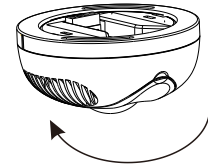
5: Solid-ceiling Mounting

1. Use the two screws (supplied with the sensor) to fasten the base ring to the ceiling
2. Align the grooves of the sensor with the tongues of the base ring
3. Turn clockwise to lock the sensor into position



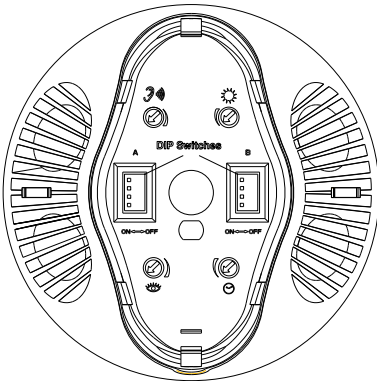
6: Sensor Opening

Slide a fingertip under the tab at one end of the control cover. Pull gently to remove the cover.



7: Operation Control Console

All aspects of sensor operation can be adjusted here.



8: Ultrasonic Adjustment

For maximum range, Set fully clockwise (CW); If reduced range is required, then turn counter-clockwise (CCW) and test range.

Sets the ultrasonic range

Range setting
Full CCW = min.(OFF)
Full CW = max.

9: Infrared Adjustment

For maximum range, Set fully clockwise (CW); If reduced range is required, then turn counter-clockwise (CCW) and test range.

Sets the infrared range

Range setting
Full CCW = min.(OFF)
Full CW = max.

10: Delayed-OFF time Adjustment

Each time motion is detected, the load remains activated for a pre-set time, which is set by the delayed-OFF time adjustment. The fully counter-clockwise setting (30 seconds) can be used for testing. The fully clockwise setting is 30 minutes. If motion is detected during the ON time, then the load remains activated until the full delayed-OFF time has passed since the latest motion detection.

Delayed-OFF time

11: Dimming and Sunset Sensor Adjustment

1. B1 Set ON, Dimming Enable and the sensor output 0~10V with ambient light (10~320 Lux) when the motion is detected.
2. B1 Set OFF, with ambient light is just at a no lighting necessary level, and with the sensor mounted as normal, remove the control cover, set the Light Level control fully clockwise. Replace the cover and walk under the sensor. The LED should light, indicating detection (and load-activation output). Re-adjust the control a little counter-clockwise and test. Continue until the LED does not light.

Ambient Light

12: Operation Mode Adjustment

TABLE 4: SWITCH SETTINGS			
SWITCH	SWITCH FUNCTIONS	SWITCH SETTINGS	
	Bank A	OFF	ON
A1	Single-/Multi-Tech. Mode	Multi-Tech	Single Tech
A2*	Multi-Tech (A1 OFF)	Multi-Tech mode1	Multi-Tech mode2
	Single Tech (A1 ON)	PIR	Ultrasonic
A3	Manual Mode	Auto Adapting Enabled	Auto Adapting Disabled
A4	Walk-Through Mode	Walk-Through Enable	Walk-Through Disable
Bank B			
B1	Light Mode	Lights Adjust Enable	Dimming Enable
B2	LEDs Mode	LEDs Enabled	LEDs Disable
B3	Test Mode	OFF → ON → OFF = Enter/Exit Test Mode	
B4	N/A	N/A	N/A

*NOTE: This setting is used the Multi Technology and Single Technology Option;
Test Mode: To set the delayed-OFF time to 5 seconds for performing a walk test. While the sensor is in test mode, the LEDs will flash amber once a second.
 1. ENSURE POWER IS ON.
 2. Remove front cover.
 3. Locate Dip Switch 3 in Bank B (B3) (refer to Figure 1) B3 will be in the OFF position from the factory.
 4. To enter Test Mode, move switch to ON and back to OFF. The test mode has now been entered with a 5 second delayed-OFF time. **NOTE:** If B3 is already in the ON position, then test mode can be entered by just moving it to the OFF position.
NOTES:
 1. The timer will remain in the 5 second test mode for 15 minutes, then automatically exit test mode and reset to the delayed-OFF time setting as defined by the black timer knob.
 2. To manually take the timer out of the 5 second test mode, simply toggle the switch B3 from OFF to ON and back to OFF.