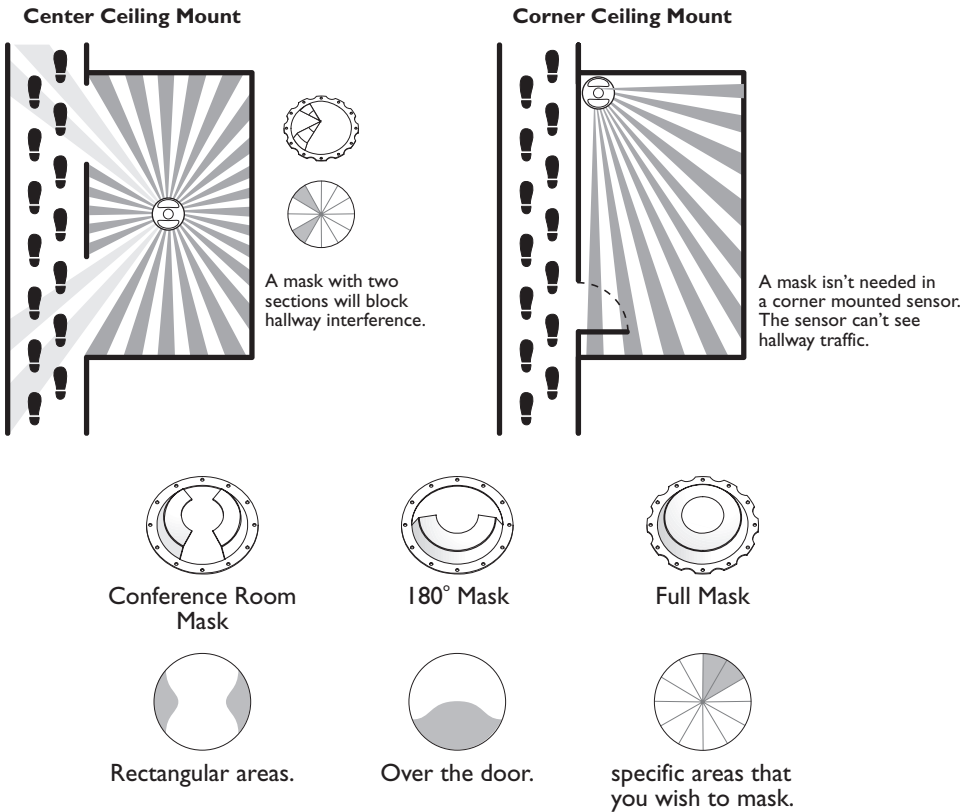
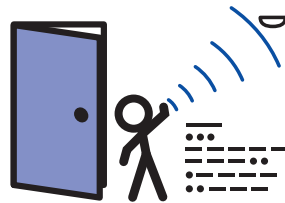


### USING THE INFRARED MASK



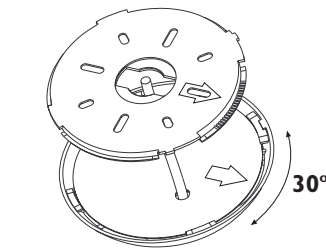
### CHECKING SETTINGS

Sequence Start	—	1 second pulse indicates start of signaling sequence
Sensor Status	S ●●● F ●●-● W ●- - -	Satisfactory operation Failing (internal error) Air current interference (wind)
Timer Settings	00 08 - 99	Test mode (8 sec.) Timer setting (8 - 99 min.)
Sensitivity Settings	00 - 15	0 = disabled, 15 = max. sensitivity
Code for Numbers Sequence	1 ●- - - - 2 ●●- - - 3 ●●●- - 4 ●●●●- 5 ●●●●●	6 - - ●●●● 7 - - ●●●●● 8 - - - ●●●● 9 - - - - ●● 0 - - - - -

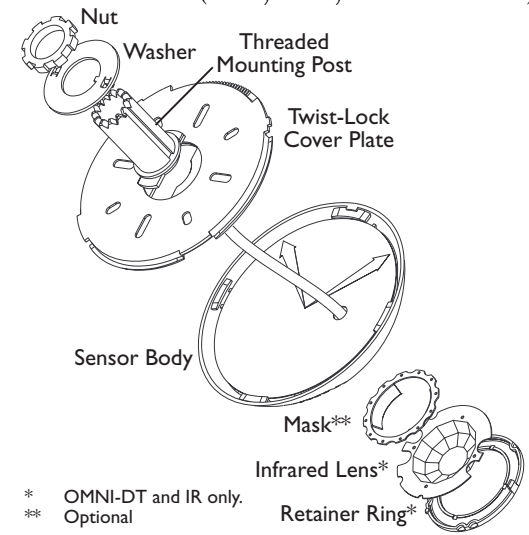


By rapidly moving your hand, back and forth six times the sensor (-DT, -US models) will respond with a coded sequence.

### COMPONENTS

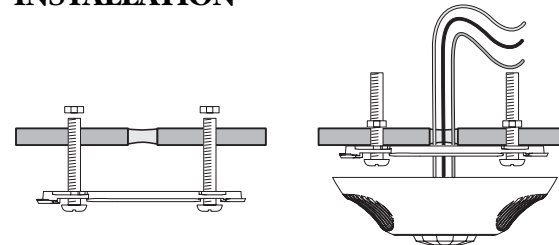


Match arrows to twist and lock. Cover plate allows for 30° adjustment.

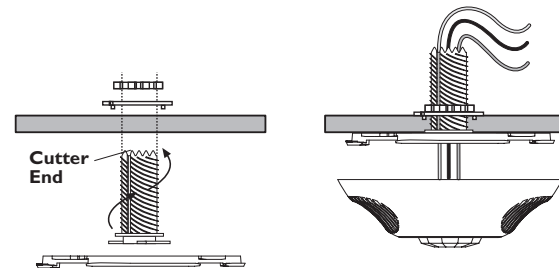


\* OMNI-DT and IR only.  
\*\* Optional

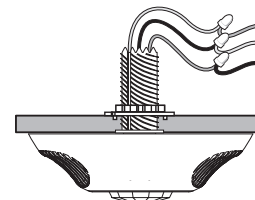
### INSTALLATION



**Mounting Method 1: Screw and mount twist-lock cover plate.**



**Mounting Method 2: Twist and lock threaded mounting post into cover plate. Drill into ceiling tile.**



**3. Run wiring through ceiling tile. Attach sensor body to cover plate by aligning arrows and twist locking into place. Connect wiring with wire nuts.**

**TIMER TEST MODE (8 seconds)**

- 1) Open the retainer ring.
- 2) Rotate the black timer adjustment knob to about midway (12 o'clock)
- 3) Return setting to minimum setting (full CCW)



4) The timer will remain in the 8 second test mode for 1 hour, then automatically reset to 8 minutes.

5) To manually take the timer out of the 8 second test mode, turn the timer adjustment approximately 1/16" clockwise to make the setting slightly above minimum (just above the 8 minute setting).

**TROUBLESHOOTING**

Problem	Possible Cause	Test	Result
Lights stay on	Air conditioning interference	Reduce both green and red knobs by 15%	Move sensor temporarily reduce sensitivity
Lights stay off	Bad low voltage wiring	Connect red to blue wire at power pack	Force lights on
Lights stay off	Bad high voltage wiring	Connect red to red (relay wires)	Force lights on
Lights on too long	Timer setting too high	Check switch settings	Typical setting is 8 minutes
Hallway traffic turns lights on	Sensor can "see" into hallway	Put in timer test mode walk hallway	Move sensor

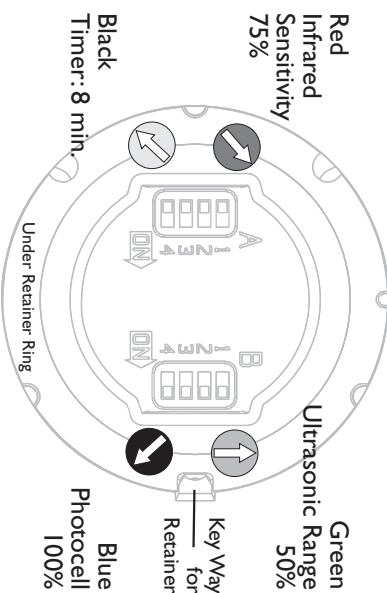
**WIRE LENGTH CHART**

# Sensors # Slaves	1	2	3	1	2	1	2
22 AWG	750'	375'	250'	375'	250'	250'	250'
20 AWG	1200'	600'	400'	600'	400'	400'	400'
18 AWG	2400'	1200'	800'	1200'	800'	800'	800'

**FACTORY SETTINGS**

(OMNI-DT shown, others similar)

Model Series	Motion Indicator
OMNI-DT	Ultrasonic/ Green/Red
OMNI-	Infrared Red
OMNI-US	Infrared Only
	Ultrasonic Green



*Recommendation: Leave sensitivity setting as shipped. Note: On some models, no adjustment knobs are present*

**VERRIDE SETTINGS**

Bank A	Off	On
Auto/Manual Threshold LED Motion Indicator Reset learned Settings	Automatic (Normal) Auto Threshold Adjustment Lights Indicate motion Retain Settings (Normal)	Manual On (Override) High Sensitivity (Low turn on threshold) Disable LED Indicator Erase All Learned Settings, Restart Learning (Toggle on)
Strong Airflow Compensation Over Doorway Installation Timer Adjust Auto Sensitivity	Disable Compensation (Normal) No (Normal) Adjust Timer Automatically Adjust Timer Automatically	Enable Compensation Yes (Use increased turn-on threshold) Use Manual Timer Setting (No adjustment) Adjust Timer Manually

(see internal label for specific model adjustments)

**WIRING**

**Short blue to red for manual power pack check (lights go on)**

