



SERVICE BULLETIN

10/27/2026

Re: **Motion Activated Lighting**

Guardian models 4250V, 4280V, 7160V, 7280V & 928V include a motion-sensing lighting feature that will turn on the GDO courtesy light. The lighting will continue for 4.5 minutes after the sensor no longer detects motion. For trolley operators, the sensor is located on the inside bottom, center of the enclosure. For the 928V, the sensor is on the logic board.

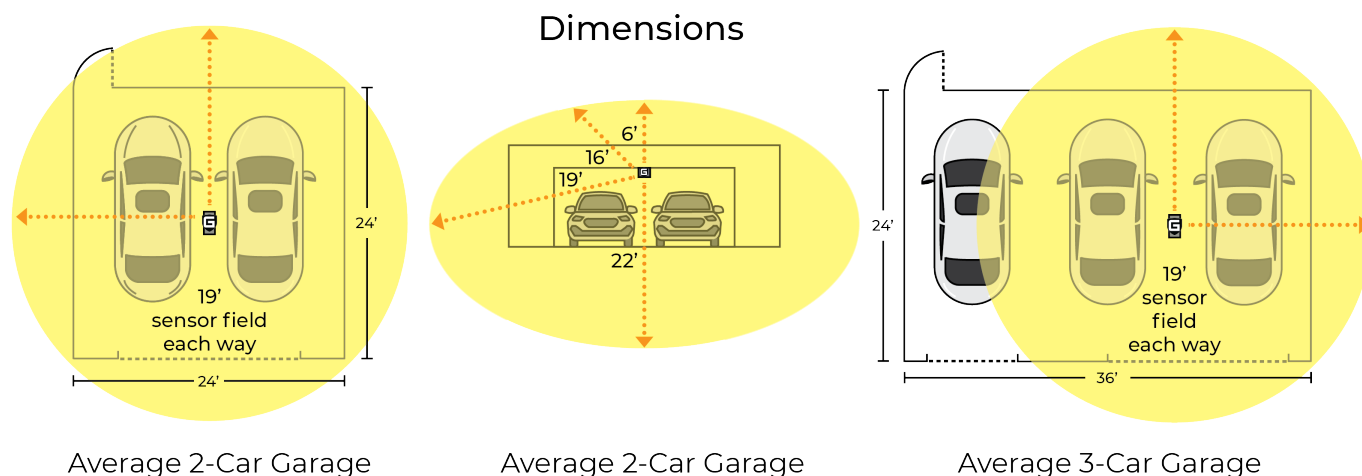
HOW THE MOTION SENSOR WORKS

5.7–5.8 GHz Motion Sensor

The motion-activated light uses low-power electromagnetic technology to detect movement. The sensor emits a continuous low-power signal and monitors the signal reflected back. When movement causes a change in the reflected signal, the sensor recognizes the change as motion and activates the light.

THE SENSOR DETECTS MOVEMENT — IT DOES NOT IDENTIFY PEOPLE.

Typical sensor range within the average garage:



What will illuminate the courtesy light?

Movement Outside the Garage: Movement on or around the opposite side of a closed door may be detected in some installations. The sensor can sense motion through walls.

Light Remains On: Continued or repeated movement within the sensing area will cause the light to remain illuminated.

Moving Equipment: Fans, vehicles, doors, or other moving equipment may produce movement that the sensor detects. If a washer/dryer or laundry room is within the sensor's detection field, tests indicate the machines do not activate the sensor under normal operation.

Installation Environment: Differences in garage construction, layout, surrounding objects, and activity can affect sensor range and behavior.

COMMON CONCERNS

“The light turns on when nobody is in the garage:” The sensor is designed to detect movement, not specifically people. If something within the sensor's detection area is moving, the sensor will activate the light. This does not indicate that the sensor is malfunctioning.

The courtesy light should turn on before entering the garage through an open garage door, and it may detect your motion before the access door is opened.

“The light stays on all the time:” The light will remain on when the sensor continues to detect movement or repeated changes within its detection field. Once activated, the light will not turn off for another 4.5 minutes. If motion is detected during the 4.5-minute time-out period, the time-out clock is reset. Before assuming there is a problem with the operator, inspect the surrounding area for possible sources of movement.

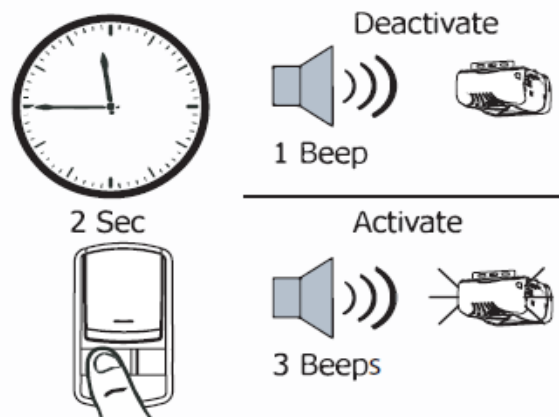
THE MOTION SENSING FEATURE CAN BE EASILY DISABLED AND ENABLED

The motion sensor can be toggled on and off using the light button on the deluxe door control station. Press and hold the light button for 3 seconds, and the motion sensing feature will change status.

If, after a long press on the light button,

1-beep is heard, the feature has been deactivated

3-beeps are heard, the feature has been activated



ENVIRONMENTAL ACTIVATION DOES NOT NECESSARILY INDICATE A DEFECTIVE OPERATOR OR MOTION SENSOR.

Electromagnetic field motion sensing responds to changes caused by movement within its detection area. Certain environments may therefore produce unexpected or unwanted activations even though the sensor is functioning as designed.

TECHNICAL SUPPORT

For questions regarding a specific installation or conditions that cannot be resolved using the guidance above, contact Guardian Tech Service: 424-272-6998.

