

MWave™

MWAVE



INTELLIGENT RADAR SENSOR FOR DOORS

MWave is a fully customizable, hands-free radar motion sensor equipped with dual relays. The intelligent dual relay design provides detection capabilities that differentiate between approaching versus cross-traffic, as well as pedestrian versus vehicular traffic. Ideal for fast-paced environments, MWave comes pre-configured for a wide-range of applications. When paired with the optional Remote Control, MWave can be configured from the ground, making custom programming fast and easy.



APPLICATIONS

- High speed doors
- High performance doors
- First responder facilities
- Cold storage facilities
- Auto dealerships
- Warehouse facilities

FEATURES

- IP67 rating for wet, rain, snow, dust, and debris
- Swivel mounting bracket for adjusting detection field
- Ideal for both indoor and outdoor applications
- Highly visible LED indicators
- Doppler radar technology
- Optional MWave remote control
- 3-year warranty

610-869-4422
www.milleredge.com

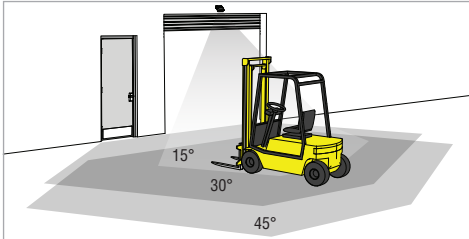




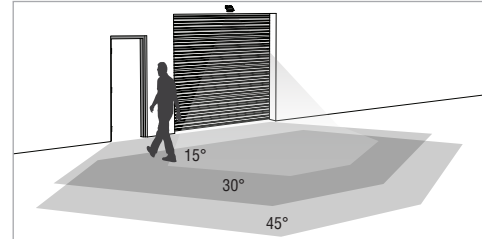
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Relay 2 Scenarios: Overhead door (Relay 1) with pedestrian door (Relay 2). Other devices to assign to Relays 1 and 2 may include warning lights, audible alarms, etc.



Scenario 1: Vehicle approaches: Vehicle-detection relay is activated. Door opens. Person-detection relay is not activated. Pedestrian door remains locked.



Scenario 2: Person approaches: Vehicle-detection relay is not activated. Door remains closed. Person-detection relay is activated. Pedestrian door unlocks.

GENERAL SPECIFICATIONS

PERFORMANCE

Technology	Doppler radar
Detection Mode	Radar motion sensor
Minimum Detection Speed	2 in. per second minimum
Response Time	<100 milliseconds
Output Hold Time	0.5-300 seconds (adjustable)
Operating Temperature	-22°F to +140°F (-30°C to 60°C)
Humidity	Maximum 90% non-condensing
Agency Approvals	FC Rules part 15, RSS-310 Industry Canada

ELECTRICAL

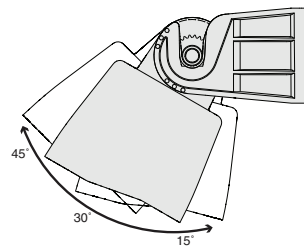
Switching Voltage	48 V AC/DC, 1/2 amp
Power Source	12-36 volts DC, 12-28 volts AC
Output	2 channel N.O./N.C. (selectable)
Max Power Consumption	<1 W

PHYSICAL

Enclosure Material	Polycarbonate
Color	Black
LED Indicators	2 red/green bi-color LEDs: Power, programing, detection
Mounting Height	Minimum: 10 ft. (3 m), maximum: 23 ft. (7 m)
Dimensions	With mounting bracket (180°): 5-1/8 W x 2-7/8 H x 5-3/8 D in. (131 x 73 x 136 mm) Without mounting bracket: 5-1/8 W x 2-7/8 H x 3-7/8 D in. (131 x 73 x 98 mm)
Weight	11.5 oz. (23 oz. with cable)
Detection Zone	21 W x 29 D ft. (9 x 6.5 m) at installation height of 16 ft. (5 m) and inclination angle of 45° 18 W x 32 D ft. (10 x 5.5 m) at installation height of 23 ft. (7 m) and inclination angle of 45°
Degree of Protection	IP67, NEMA 6
Mounting Angle	-90°/+90° in 15° increments (wall or ceiling mount)



MWAVE Remote Control (sold separately)



MWAVE Tilt Angles

Contact Miller Edge to ensure compatibility.

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