

## MillerEdge<sup>®</sup> MWave<sup>™</sup> Intelligent Radar Sensor for Doors



## BEA Falcon Overhead Industrial Door Sensor



<b>Technology</b>	24 GHz DRO radar technology Dielectric resonance oscillator (state of the art semi-conductor technology)	24 GHz waveguide technology Traditional waveguide
<b>Degree of Protection</b>	IP67, NEMA 6	IP65, NEMA 4
<b>Detection Zone</b>	16 ft. mounting height, max. 21 W x 29 D ft.	16 ft. mounting height, max. 13 W x 16 D ft.
<b>LED Indicators</b>	(2) Red/green bi-color LEDs <ul style="list-style-type: none"> <li>• Red: Rapid flashing → vehicle detection</li> <li>• Green: Rapid flashing → person detection</li> <li>• Green: Solid → Sensor ready (no detection)</li> <li>• Red/green: Rapid flashing → vehicle &amp; person detection</li> </ul> LEDs also used for programming	(1) Red and (1) green LED <ul style="list-style-type: none"> <li>• Red: Used for detection &amp; programming</li> <li>• Green: Used for programming</li> </ul>
<b>Remote Control (optional accessory)</b>	MWave remote with simplified design Also compatible with BEA remote	BEA remote
<b>Output</b>	(2) Relays; can control two separate devices independently for human and/or vehicle detection	(1) Relay; controls a single function for either human and/or vehicle detection

**MWave Relay 2 Scenario:** 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.

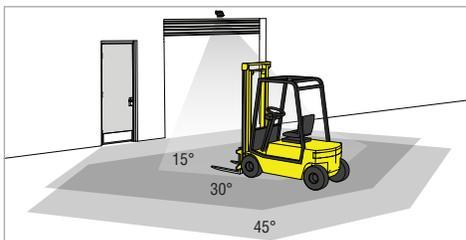


Image 1: Vehicle approaches: Vehicle-detection relay is activated. Door opens. Person-detection relay is not activated. Entrance for people remains locked.

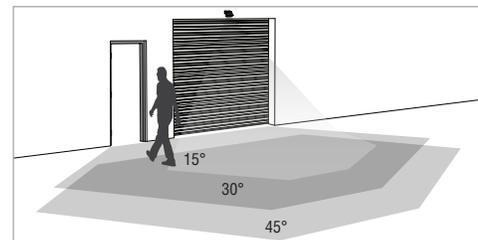


Image 2: Person approaches: Vehicle-detection relay is not activated. Door remains closed. Person-detection relay is activated. Entrance for people unlocks.