

MS11

Touchless activation plate for areas needing highly accessible and germ-free activation.



Reliable Detection

Microwave Doppler Radar technology provides consistent detection, no matter the environment



Adjustable Range

Adjustable sensing zone from 2 – 24 inches (pulse or toggle)



IP Rating for Harsh Environments

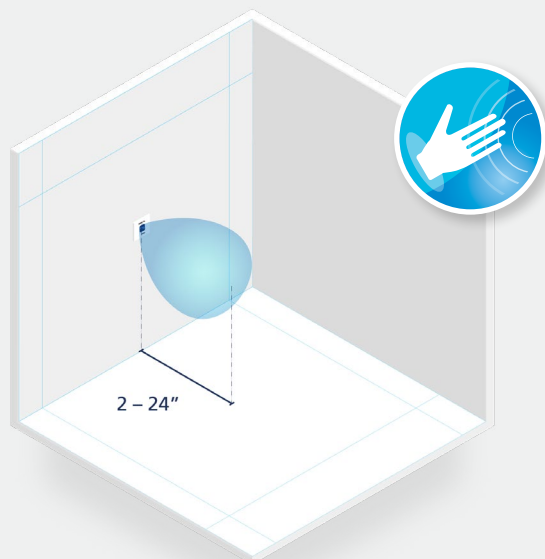
IP65 rated enclosure capable of use in industrial and extreme wash-down environments



Robust Design

Stainless steel faceplate and robust design for tough operating conditions

TECHNOLOGY



MICROWAVE DOPPLER RADAR

Radar technology, also called microwave technology, is based on the Doppler Effect. The radar sensor continuously emits microwaves with a certain frequency in a defined area. These microwaves are reflected back to the sensor by all of the objects present in its environment.

Common Objects:

- Hand
- Wheelchair
- Cart

Once movement occurs in the detection field, the microwaves come back to the sensor with a different frequency, resulting in a detection.

▼ COMMON APPLICATIONS



REQUEST-TO-EXIT

Program '2-relay sequencer + door position' to increase security and accessibility.

Related Products:

- MS11
- FLY KIT
- BR3-X (function 28)
- UL LISTED MAGLOCK or ELECTRIC STRIKE

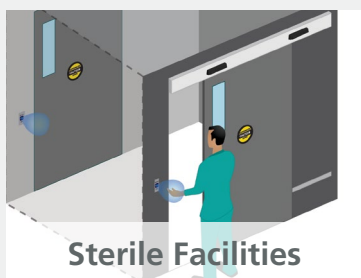


EASY RETROFIT

Retrofit transmitter eliminates the need for additional power wires, making retrofitting easy.

Related Products:

- MS11
- TD900TR retrofit transmitter

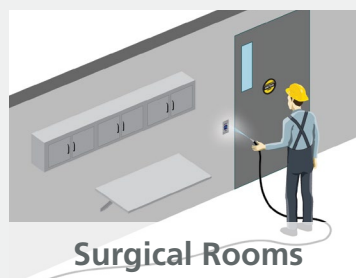


INTERLOCK SEQUENCING

Adding logic provides sequencing to allow access through one door at a time.

Related Products:

- MS11
- BR3-X (function 50)



WASH-DOWN RESISTANT

IP rating helps keep the critical electrical components safe from environmental damage over time.

Related Products:

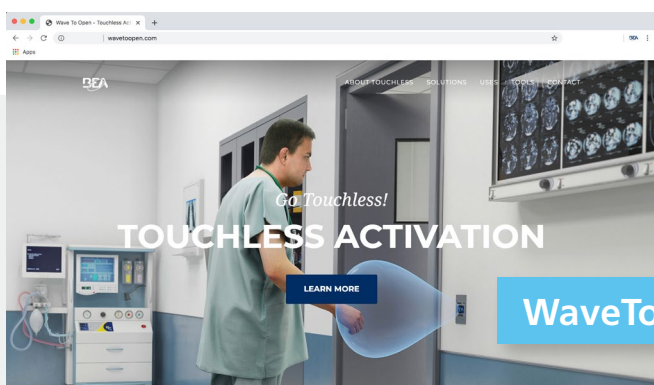
- MS11

▼ TECHNICAL SPECIFICATIONS

Technology	Microwave Doppler Radar
Detection Mode	Motion (bidirectional), toggle or Timed Mode
Sensing Zone*	2 – 24" (adjustable)
Hold Time	1 – 30 s
Alert Settings	
Audible Alert	Silent Mode or Signal Mode
Visual Alert	Blue (Stand-by), Green (Activation)
Supply Voltage	12 – 24 VAC / VDC or 5 VDC
Current Consumption	< 2.8 W
Temperature Range	-22 – 158 °F
Enclosure Rating	IP65

Relay	1-Form C Solid State Relay
	1 A 30 VAC / VDC (max)
Wire Harness Length	12"
Material	Stainless Steel (faceplate) / ABS (center)
Dimensions	
Single Gang	2.75" (W) × 4.5" (H) × 0.98" (T)
Double Gang	4.5" (W) × 4.5" (H) × 0.98" (T)
Jamb Style	1.68" (W) × 4.5" (H) × 0.98" (T)
Mounting Compatibility	
Single Gang	10BOX24SGSM, 10ABOXSGSMS
Double Gang	10BOXDGSM, 10BOLLARD series
Jamb Style	10BOXJAMBST

*See User's Guide



Product Questions?

Call BEA's Service Team:
1.800.523.2462