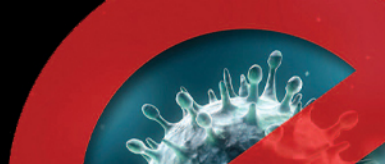


# Premium Touchless



## HAND-E-WAVE™

Essex Hand-E-Wave switches are professional grade, hands free door actuators, designed to help reduce the spread of viruses, bacteria and infectious diseases.



HEW-1



HEW-2SQ

- ▶ Advanced Doppler Radar Technology
- ▶ Ruggedized Low Profile Design
- ▶ Stainless Steel Construction
- ▶ Easy to Clean and Sanitize
- ▶ Visual and Audio Feedback
- ▶ Adjustable Detection Zone
- ▶ Timed or Toggle Output
- ▶ Narrow, Single or Double Gang
- ▶ Customization Options

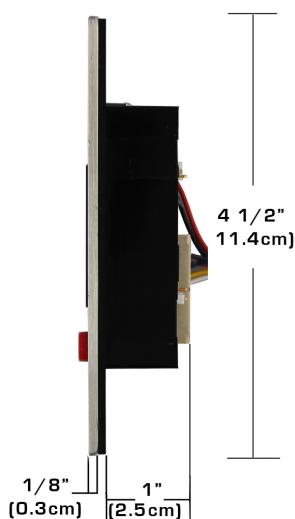
**Hand-E-Wave™** is a ruggedized touchless switch with advanced 24GHz Doppler Radar technology. Ideal for use in public areas where sanitation is a concern including healthcare, education, commercial corporate and retail facilities, Hand-E-Wave's hands free operation helps to reduce the spread of germs including viruses, bacteria, and infectious diseases. Hand-E-Wave utilizes bidirectional microwave motion detection which provides consistent switch activation. Its' recessed design and stainless steel faceplate make it easy to clean and sanitize.



HEW-2



HEW-3SQ



Side View

## Features

### Ruggedized Design

Epoxy coated electronics for enhanced protection in harsh environments.

### Vandal Resistant Construction

1/8" Stainless Steel faceplate.  
Low profile recessed design.

### Advanced Touchless Switch Technology

Hand-E-Wave utilizes 24GHz Doppler Radar Technology. A moving hand, wheelchair or cart within the detection zone activates the switch.

### Visual/Audio Feedback

Visual and selectable On/Off Audio when motion is detected within the detection zone. Illuminated hand symbol changes from standby blue to relay on green.

### Mounting Method

HEW-1: Narrow/Jamb. Flush mount or add spacer ring  
HEW-2: Single Gang. Flush mount to a single gang switchbox  
HEW-3: Double Gang. Flush mount to a double gang switchbox

## Specifications

### Power Requirements

12 to 24VAC/DC  
300mw Standby, 600mw Relay On

### Outputs

One SPDT Relay  
2A 30VDC Resistive, 1/2A 125VAC  
Field selectable Timed or Toggle Output  
Adjustable Relay Hold Time: 1 to 30 seconds

### Microwave Motion Sensor Technology

Radiated Frequency: 24.125 GHz  
Transmitter Radiated Power: <20 dBm EIRP  
Radiated Power Density: <5 mW/cm<sup>2</sup>

### Detection Zone

Adjustable 2 to 24 inches [typical]

### Detection Mode

Motion [bidirectional]

### IP Rating

IP65

### Operating Temperature

-40°F to + 180°F [-40°C to + 82°C]

### Dimensions

	Height	Width	Depth
HEW - 1	4 1/2"	1 3/4"	1 1/4"
HEW - 2	4 1/2"	2 3/4"	1 1/4"
HEW - 3	4 1/2"	4 1/2"	1 1/4"

### Weight

HEW - 1	5 oz (142 gm)
HEW - 2	7.1 oz (200 gm)
HEW - 3	12.8 oz (363 gm)

### Certifications

FCC

## ORDERING GUIDE

### Essex Part No.

### Description

HEW - 1	Narrow/Jamb, Hand-E-Wave™, Stainless, Clipped Corners (Limited Stock)
HEW - 2	U.S. Single Gang, Hand-E-Wave™, Stainless, Clipped Corners (Limited Stock)
HEW - 1SQ	Narrow/Jamb, Hand-E-Wave™, Stainless, Square Corners (MS11J Replacement)
HEW - 2SQ	U.S. Single Gang, Hand-E-Wave™, Stainless, Square Corners (MS11S Replacement)
HEW - 3SQ	U.S. Double Gang, Hand-E-Wave™, Stainless, Square Corners (MS11D Replacement)



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LHEW.1221R1 Specifications are subject to change without prior notice.



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