

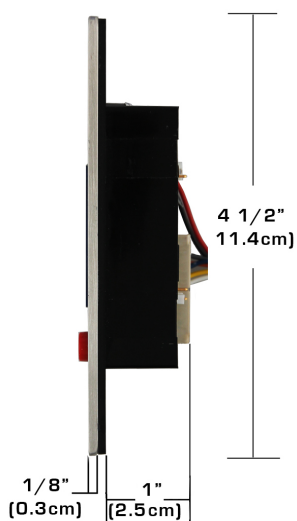
Hand-E-Wave™ is a ruggedized touchless switch with advanced 24GHz Doppler Radar technology. Ideal for use in public areas where sanitation is a concern including healthcare, education, commercial corporate and retail facilities, Hand-E-Wave's hands free operation helps to reduce the spread of germs including 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/cm²

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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