Stainless Touchless Switch



HAND-E-WAVE[™]





- ► Touchless Microwave Technology
- ▶ All Weather IP 66 Rated
- Stainless Steel Construction
- Resistant to Commercial Cleaners
- Audio & Visual Feedback
- ► Adjustable Detection Range
- Timed or Toggle Output
- ▶ Low Profile Recessed Design
- ▶ Narrow or Single Gang
- Custom Graphics Available



Hand-E-Wave[™] is a rugged, touchless switch built with advanced microwave technology. Ideal for use in sterile environments such as hospitals, food processing plants and clean rooms, Hand-E-Wave's recessed design and stainless steel construction make it easy to clean and sanitize. Touchless switch activation helps reduce the spread of bacteria and infectious diseases.



HEW-1



HEW-2



Features

All Weather Design

Epoxy encapsulated electronics provides superior protection in harsh environments.

Vandal Resistant Construction

1/8" Stainless steel faceplate and low profile recessed design.

Touchless Switch Technology

Hand-E-Wave utilizes advanced Microwave Technology and the Doppler Radar effect. Motion within the detection range activates the switch.

Audio/Visual Feedback

Audio and visual indication when motion is detected within the detection zone. Illuminated hand symbol changes from standby blue to relay on green.

Mounting Method

HEW-1: Mullion mount. Flush mount or optional spacer ring (PRXSR) for surface mount installation.

HEW-2: Single Gang. Flush mount to a single gang switchbox or optional Backbox (BAK BOX-SGS) for surface mount installation.

ORDERING GUIDE

Custom Graphics Available

Contact Essex for information.

Specifications

Power Requirements

5VDC or 12 to 24VAC/DC 300mw Standby, 600mw Relay On

Outputs

One SPDT Relay
2A 30VDC Resistive, ½A 125VAC
Field selectable Output Mode: Toggle or
Adjustable Output 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 Range

Adjustable 2 to 24 inches (typical)

Detection Mode

Motion (bidirectional)

Operating Temperature

 -40° F to + 180°F (-40° C to + 82°C)

Operating Humidity

100% Relative Humidity

Operating Environment

IP66 Rated

Dimensions	Height	vviatn	Deptr
HEW-1	41⁄2"	13/4"	11/8"
HEW-2	4½"	2¾"	11/8"

Weight

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

Patents Pending

Essex Part No.

HEW - 1

Narrow Style, Hand-E-Wave Touchless Stainless Steel Switch

HEW - 2

U.S. Single Gang, Hand-E-Wave Touchless Stainless Steel Switch

PRXSR

Surface Mount Spacer Ring for HEW-1

BAK BOX-SGS

Surface Mount Back Box for HEW-2



PRXSR

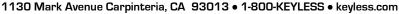


BAK BOX-SGS



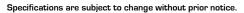
Scan for more information





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