

# U-WAV Touchless Sensing Solution

## Installation and Mounting Instructions



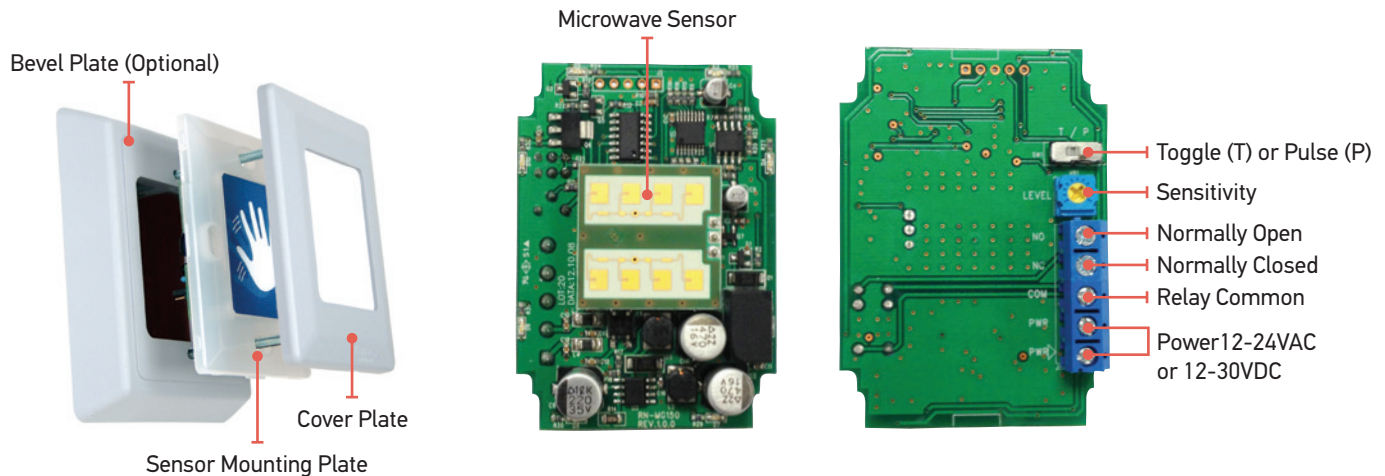
The power of control. Automated.

The U-WAV is a sensor switch designed for touchless activation of automatic doors, lighting controls, or call points. Ideal for sterile environments such as operating rooms or clean rooms, the U-WAV provides a complete hygienic solution for various applications.

The Larco U-WAV touch free switch features always on, blue LED backlighting uniquely designed to be aesthetically pleasing while providing reliable operation. It is composed of very durable ABS plastic. Installation is flexible and easy.



### Description



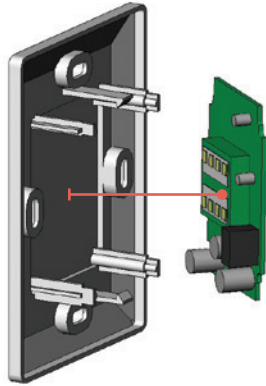
### U-WAV TECHNICAL SPECIFICATIONS

Technology	K-Band Microwave	Relay Output Ratings	125VAC, 60VDC @ 1A	
Radiated Frequency	24.117GHz	Current Consumption	< 1.4W	
Detection Range	0 - 15.0 in	Temperature Range	-4° - 140°F	
Detection Mode	Motion (bi-directional)	Relative Humidity	up to 90%, Non-condensing	
Operation Mode	Toggle	Activate On, Activate Off	Weight	< 3 oz
	Pulse	Activates for 1.2 Seconds	LED Color	Blue
Supply Voltage	12-24VAC, 12 - 30VDC	Available Colors	Grey, Black, White	

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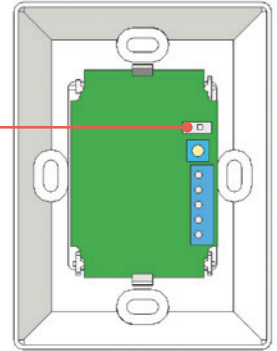
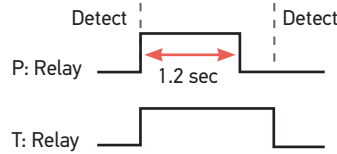
1

Snap sensor board assembly onto mounting plate with microwave sensor facing mounting plate.



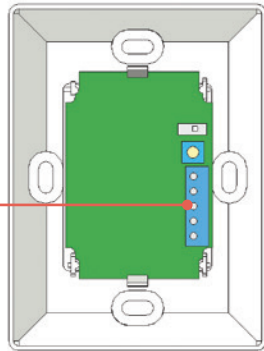
2

Choose desired mode of operation, toggle (T) or pulse (P) with selector switch.



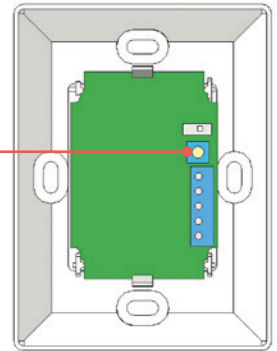
3

If using surface mount bevel, run wiring through bevel before making connections to terminal block.



4

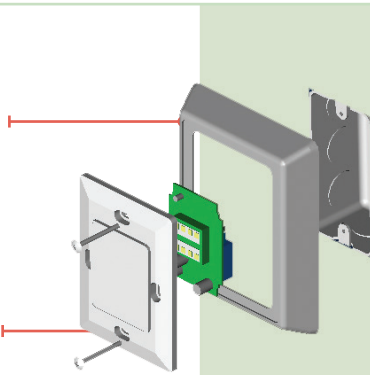
Adjust distance sensitivity before attaching assembly to mounting surface. Turn clockwise for more sensitivity and greater sensing distance.



5

Surface mount bevel is optional.

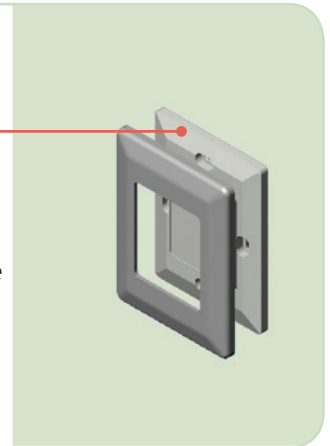
Attach assembly to mounting surface with screws supplied.



6

Snap cover in position to conceal mounting screws.

After initializing power to unit, blue LED lights are ON when idle and OFF during activation.



FCC ID: USX-IPM165F

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions. (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class B device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one or more of the following measures. Reorient or relocate the receiving antenna. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Increase the separation between the equipment and receiver.

223-0114-000 Rev. F 5/19



WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

ATEK Access Technologies  
10025 Valley View Road, Ste. 190  
Eden Prairie, MN 55344 U.S.A.

PH: 1.800.523.6996  
FAX: 1.800.589.3705  
+1.218.829.9797

[www.atekaccess.com](http://www.atekaccess.com)

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