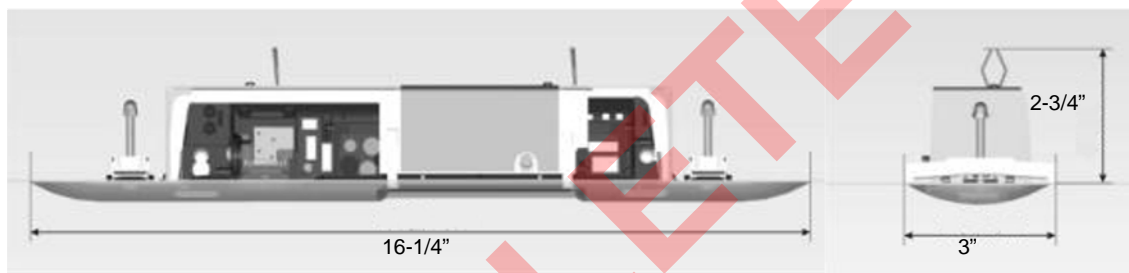


**PRODUCT DESCRIPTION**

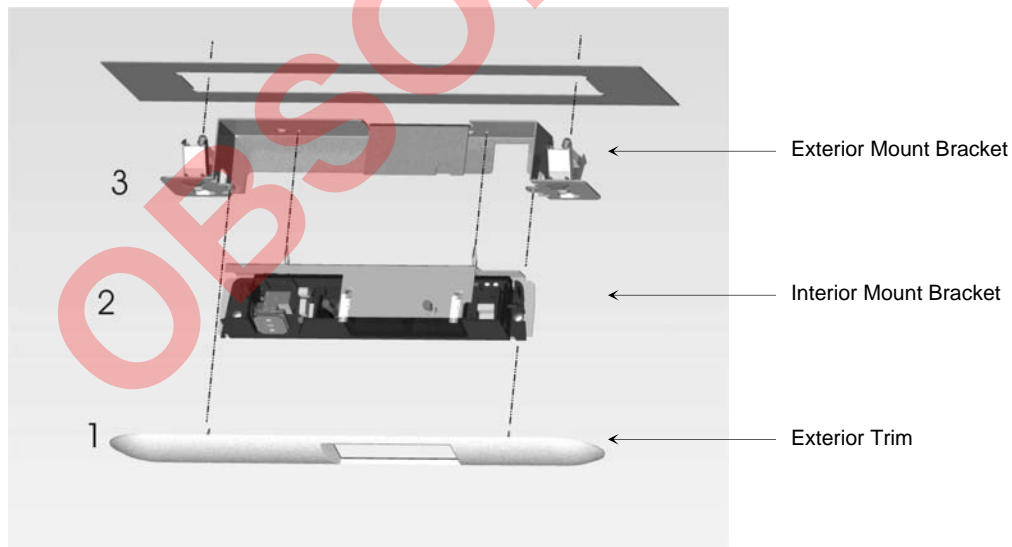
The Wizard Ceiling Adaptor kit (WCA) allows the Wizard to be mounted in a recessed configuration, such as in a drop ceiling. Installation is quick and simple, and the snap-together design provides for easy service.

**TECHNICAL SPECIFICATIONS**

DESCRIPTION	SPECIFICATION
Max. Dimensions (shown below)	Width: 3" x Length: 16-1/4" x Height: 2-3/4"
Exterior Trim Color	White
Max. Ceiling Thickness (to clamp to)	1"



**COMPONENT ID**



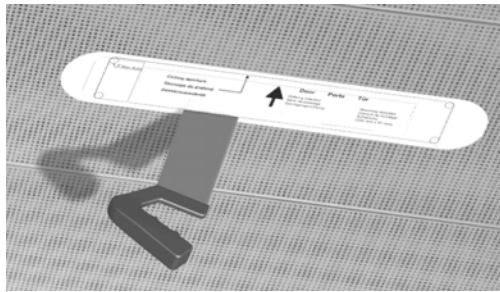
**SAFETY PRECAUTIONS**



- Shut off all power going to the header before attempting any wiring procedures.
- Maintain a clean & safe environment when working in public areas.
- Constantly be aware of pedestrian traffic around the door area.
- Always stop pedestrian traffic through the doorway when performing tests that may result in unexpected reactions by the door.
- Always check placement of all wiring before powering up to insure that moving door parts will not catch any wires and cause damage to equipment.
- Ensure compliance with all applicable safety standards (i.e. ANSI A156.10) upon completion of installation.

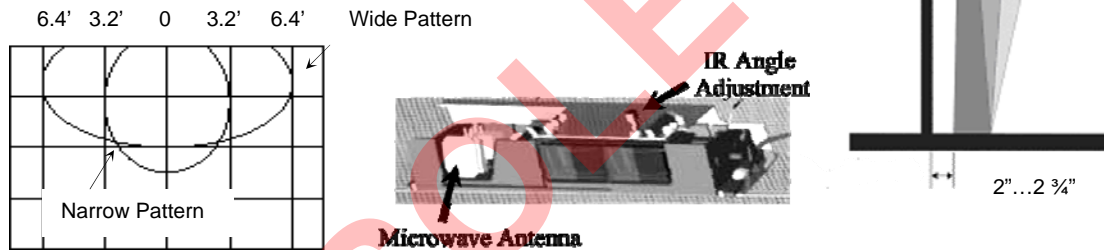
## INSTALLATION

1. Affix the template (provided) to the surface where the Wizard is to be mounted, and cut out the defined area for the exterior mount bracket to fit into. The actual cutout size is 13" x 2 1/4".

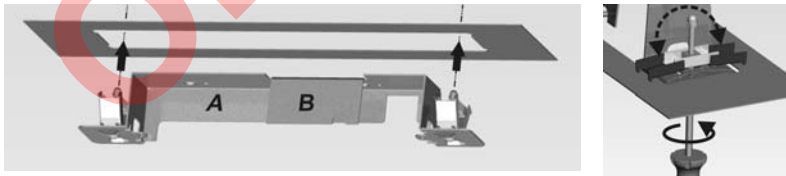


### IMPORTANT NOTE:

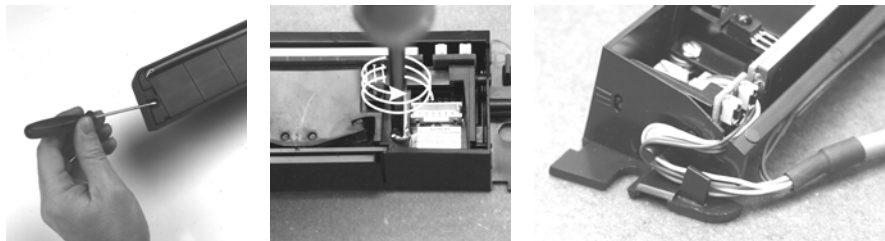
When choosing a mount location, the Wizard should be placed in a location as close as possible to the face of the header, as to insure that the IR field (presence detection) will be capable of being within 3" of the face of the sliding door. The example at the right shows a typical range of placement for a standard height application of approximately 86" (floor to mount ht.). Also, for door headers that extend out from the face of the door, care must be taken not to mount the Wizard above the header in a position that will allow the header to block the path of the IR going down to the threshold. Also, pay close attention to the angle of the microwave antenna during setup. The antenna angle will have to be slightly reduced as the sensor is mounted farther from the door. Refer to the Wizard's User Guide for further instruction if required. **The microwave field must be within 5" of the face of the sliding door.**



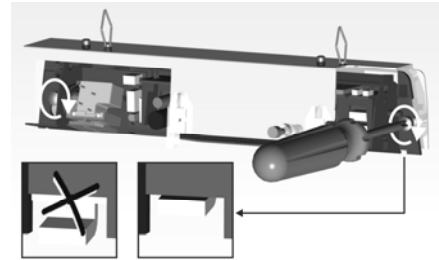
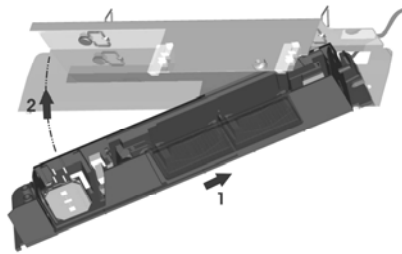
2. Insert the exterior mount bracket into the cutout, and then tighten the screws as to clamp the bracket onto the ceiling. Face "B" as shown below should be facing away from the door towards the direction of intended approach. Face "A" should be towards the door header.



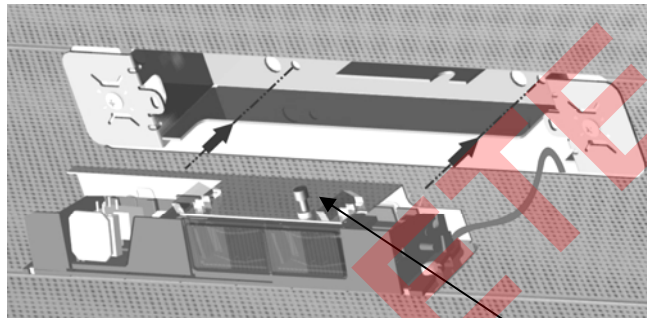
3. Next, the Wizard must be prepared to insert into the interior mount bracket. Perform the following to the Wizard:
  - Remove cover from Wizard
  - Fully unscrew the adjustment screw for the IR angle (Do not completely remove the screw from the sensor)
  - Attach and route the cable as you normally would. Be sure to route the cable through the external bracket as depicted in step 4.



4. Insert the Wizard into the internal mount bracket. The face of the bracket that has the 2 LED light tubes on it will face the front of the Wizard. Take care when installing, as tolerances are very tight to ensure a snug fit. Once placed, install and tighten the mounting screws located at each end of the Wizard. Be certain that the small lock tab is within the recess at the bottom of the Wizard.

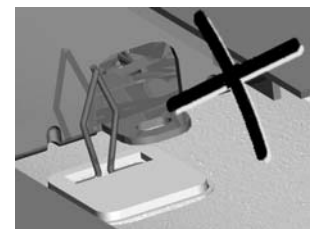
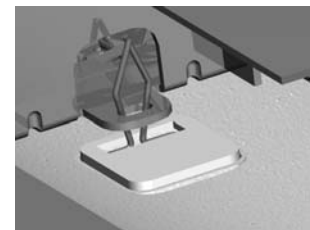
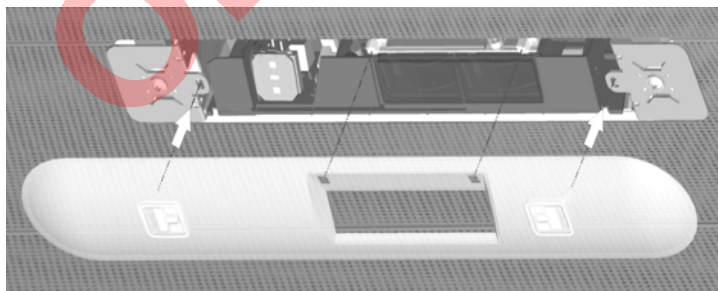


5. Insert the interior mount bracket, with Wizard, into the exterior mount bracket. The spring clips on top of the interior mount bracket must pass through the small holes in the exterior bracket (as shown) to allow a tight snap fit.



IR Adjustment Screw

6. Once installed, power the sensor according to the Wizard's User's Guide. Operation, programming and adjustments are all the same with the one exception of the IR adjustment angle. The IR angle is adjusted by rotating the adjustment screw (shown above). Clockwise adjustment will draw the IR field to a negative angle, closer to the door. Make adjustments as necessary.
7. Once completed, perform a thorough walk-test to insure that all detection fields are in full compliance with ANSI A156.10.
8. Once all walk-testing has been successfully completed, install the white trim cover. The cover simply snaps into the small holes located in the tabs of the exterior mount bracket as shown below. Insure that the clips extend through the small hole as shown, and not along the side of the hole.



If after troubleshooting a problem, a satisfactory solution cannot be achieved, please call B.E.A., Inc. for further assistance during **Eastern Standard Time at 1-800-523-2462 from 8am - 5pm**. For after-hours, call East Coast: 1-866-836-1863 or 1-800-407-4545 / Mid-West: 1-888-308-8843 / West Coast: 1-888-419-2564. **DO NOT leave any problem unresolved**. If you must wait for the following workday to call B.E.A., leave the door inoperable until satisfactory repairs can be made. **NEVER sacrifice the safe operation of the automatic door or gate for an incomplete solution.**  
Web: [www.beasensors.com](http://www.beasensors.com)