

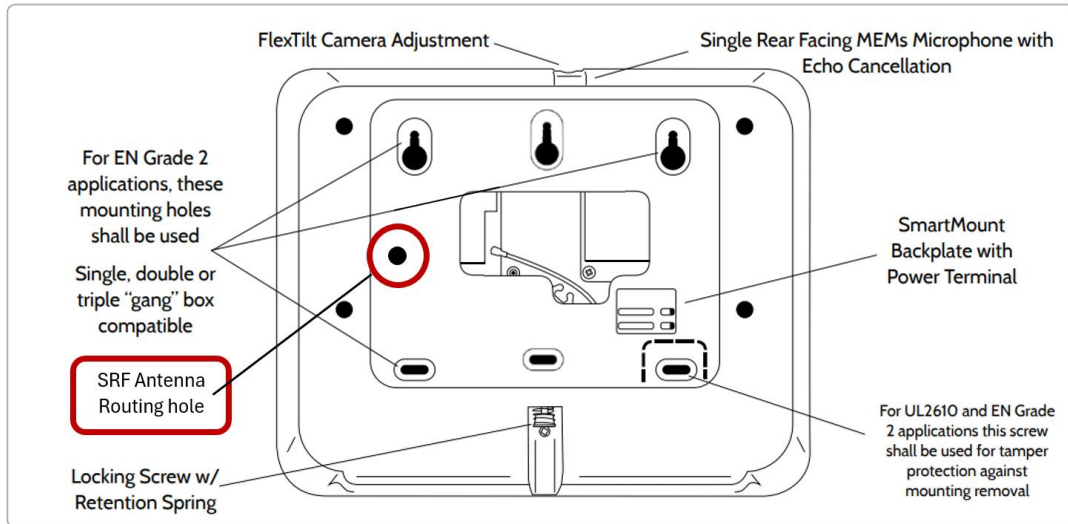


# External Legacy Antenna

## 319.5MHz / 345MHz / 433MHz

### IQ4 / IQ4HUB

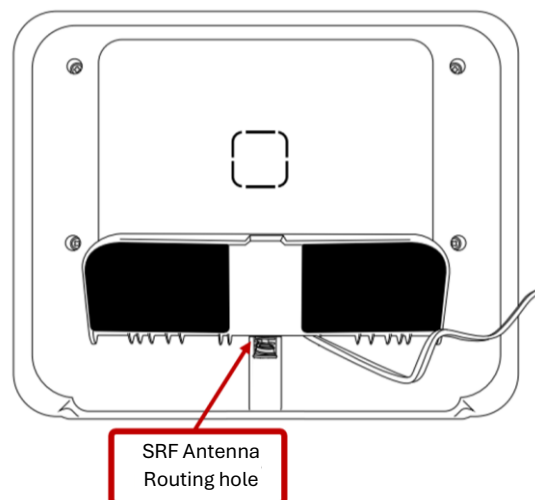
#### EXTERIOR BACK



**Wall mount:** Use the backplate as a template to mark the appropriate locations for the mounting screws and the legacy SRF antenna. Drill a 1/4" (or larger) hole in the wall for the legacy SRF antenna. Feed the external legacy SRF antenna into the wall when mounting the panel to the backplate.

**IMPORTANT:** Improper or not routing the SRF antenna in the wall will greatly reduce SRF sensor range. Ensure the RF antenna and power wire are routed into the wall and are not pinched.

**Desk mount:** Feed the legacy SRF antenna through the hole in the desk stand behind the locking screw. Separate the antenna and DC power wire as much as possible. Ensure the antenna is unobstructed and away from the DC power wire.



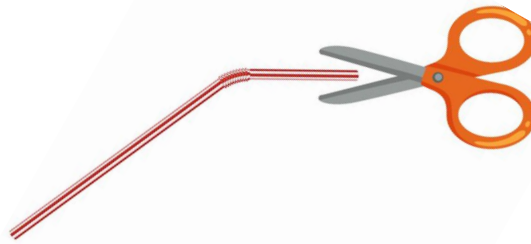
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## 319.5MHz / 345MHz / 433MHz

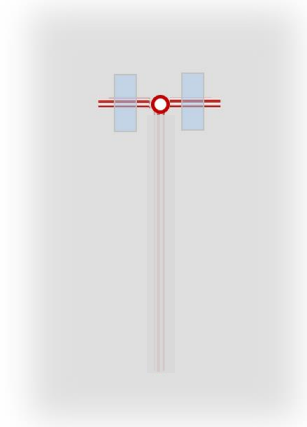
### Wall Mount applications:

- ***Tech Tip:*** Stop for a liquid refreshment on the way to the IQ4 installation. Then upcycle the straw to help route the legacy antenna easily into wall.

1. Snip the end of the straw down the middle so that it splits into two halves.



2. Fold back the split ends, insert the straw into the hole drilled for the antenna and tape the straw in place.



3. Mount the IQ4 backplate over the straw, lining up the antenna hole in the backplate with the straw opening. Level and secure the backplate.

Feed the antenna into the straw and secure the IQ4 to the backplate.

