

INSTALLATION/INSTRUCTION SHEET

WAP PRE-CONSTRUCTION BRACKET

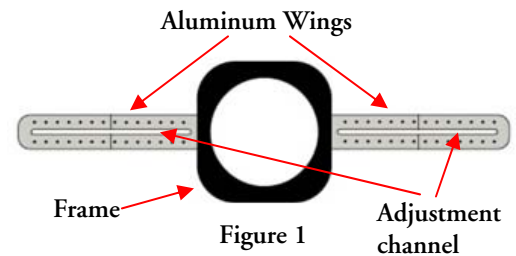
IS-0269 REV. 0

1. Introduction

On-Q Home offers a 6.5" In-Ceiling style Pre-Construction Bracket for the On-Q Home Wireless Access Point (WAP), P/N 364711-01. This bracket is optimized for an easy, flexible installation. It employs shatter proof aluminum wings that have an integrated adjustment channel built in and pre-wiring loops to aid in finding the CAT5e communication wire at "Trim-out", while keeping it out of the way of the dry-wall saw. The pre-construction bracket also comes with center markings for easy alignment with other devices in the ceiling.

2. Description

On-Q Home In-Ceiling WAP Bracket, P/N 364728-01, (shown in *Figure 1* to the right) is made of a tough semi-flexible plastic frame and shatter proof aluminum wings. The bracket can be used with 16" and 24" on center joist/stud spacing. It employs a unique alignment channel that eases installation and adjustment for the installer, especially when working from a ladder. This adjustment channel allows the installer to confirm, adjust or remove the bracket before committing to its final position without having to worry about damaging the bracket upon removal/adjustment.



NOTE: The On-Q Home Wireless Access Point (WAP) requires a minimum of 5" of mounted depth. This means that the WAP Pre-Construction Bracket should only be used with 2x6" or larger studs.

3. Installation

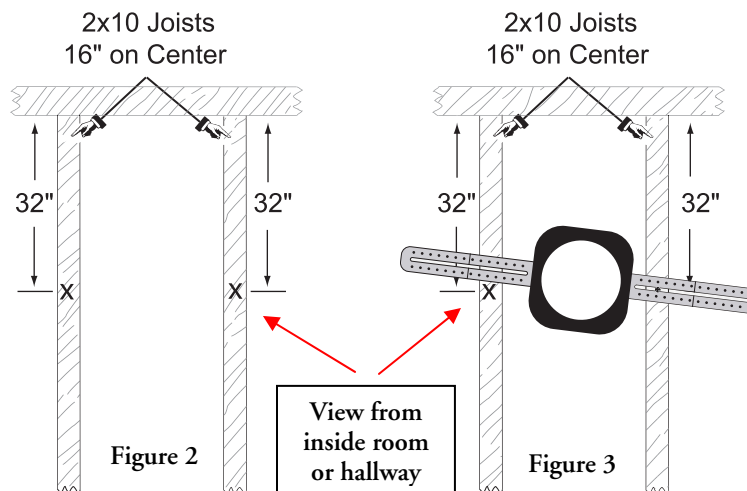
NOTE: Please have dry-wall screws and or nails/staples handy for installation.

- A. Determine where in the room or hallway the bracket will need to be located. After determining, measure from a fixed location and mark the corresponding joists/studs. (*see Figure 2*)

NOTE: The preferred location for the WAP is in the ceiling of the top floor, centrally located in the home. If multiple WAPs are used, they should be located centrally, in overlapping areas.

- B. Attach one end of the bracket with a drywall screw through the adjustment channel into the measurement mark. (*see Figure 3*).

NOTE: Insert the drywall screw from the side with the drywall lip protruding (wire clips should be on the other side).



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- C. Adjust the bracket so that the other side aligns with the other measurement mark and install a screw through the bracket's adjustment channel. (see *Figure 4*)
- D. If the bracket needs to be aligned with another object within the joist space, such as a recessed light, leave the screws loose and slide the bracket until aligned with the object.

NOTE: The bracket has a center marking for easy measuring.

- E. After the bracket is properly positioned install some additional screws or nails to lock down its location. Screws might be preferred if movement or removal could be required at a later date. (see *Figure 5*)
- F. After the bracket is installed, wrap the CAT5e WAP communication wire around the opening, securing it at the retaining clips to protect it from dry-wall saws and ensure easy location at "Trim-out". (see *Figure 6*)

