

UAP-AC-SHD Quick Start Guide

dl.ui.com/qsg/UAP-AC-SHD/UAP-AC-SHD_EN.html



Package Contents



UniFi AP AC SHD



Mounting Plate



Ceiling Backing Plate



Ceiling Screws (Qty. 4)



Keys Nuts (Qty. 4)



T-Bar Mounts (Qty. 2)



T-Bar Screws (Qty. 2)



Allen Wrench



Wall Screws (Qty. 4)



Screw Anchors (Qty. 4)



Cable Feed Plug



Gigabit PoE* (48V, 0.5A) with Mount Bracket



Power Cord*

* Included only in the single-pack of the UAP-AC-SHD

Installation Requirements

- Phillips screwdriver
- Drill and drill bit (8 mm for wall mounting or 3 mm for ceiling tile mounting)
- Optional: Drywall or keyhole saw (to cut 18 mm hole for Ethernet cable feed)
- Cat5/6 UTP cable for indoor installations

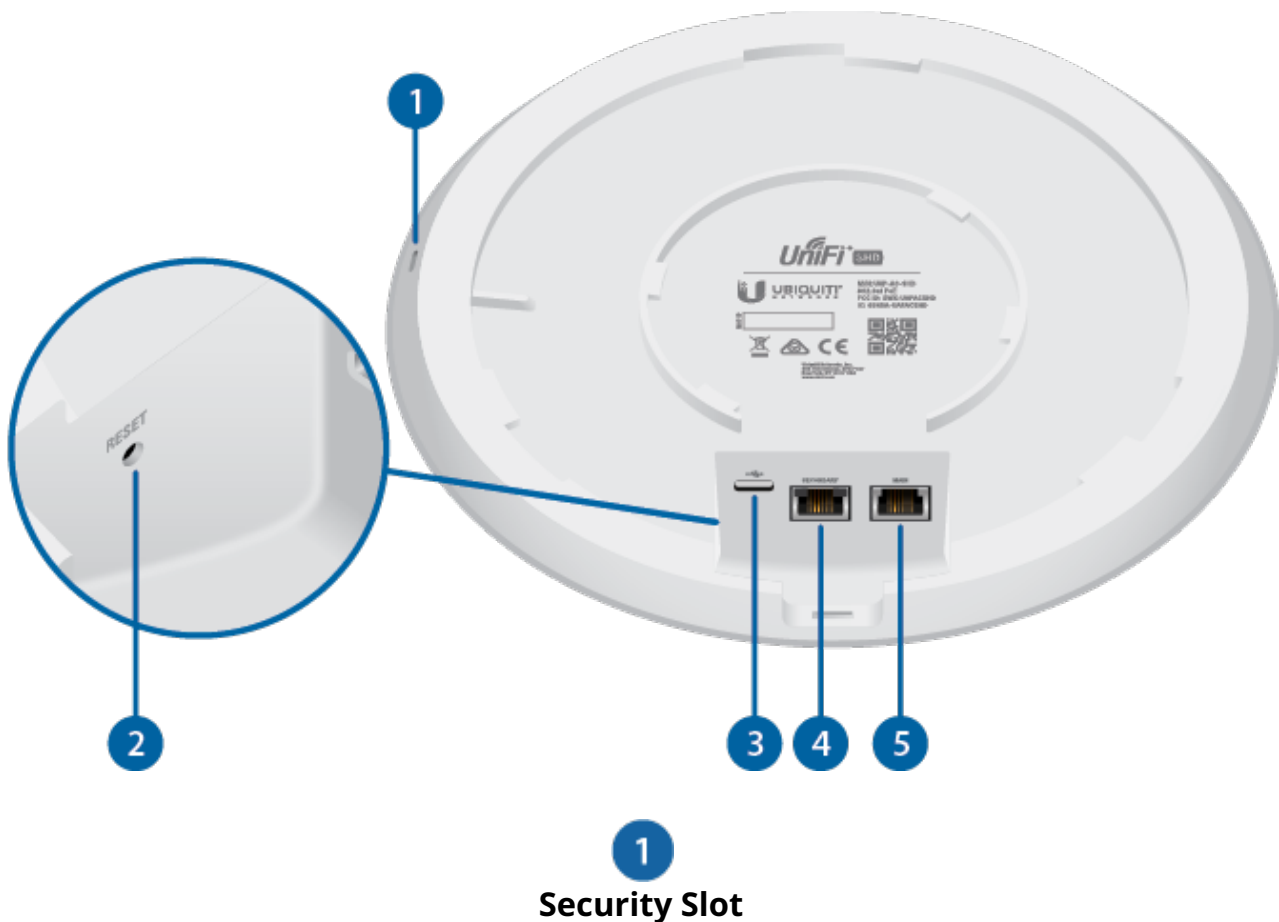


IMPORTANT: The UAP-AC-SHD requires the UniFi Controller v5.4 or higher, available at: ui.com/download/unifi

Hardware Overview

LED

Ports



If you need to remove the UniFi AP from the Mounting Plate, insert a flat, thin object like a zip tie or large paper clip in the Security Slot to release the Lock Tab and turn the UniFi AP counterclockwise.

2
Reset

The Reset button serves two functions for the UniFi AP:

- Restart Press and release the Reset button quickly.
 - Restore to Factory Default Settings Press and hold the Reset button for more than five seconds.
-

3
USB 3C

The USB 3C port is reserved for future use.

4
Secondary

The Secondary port is a Gigabit Ethernet port used for bridging.

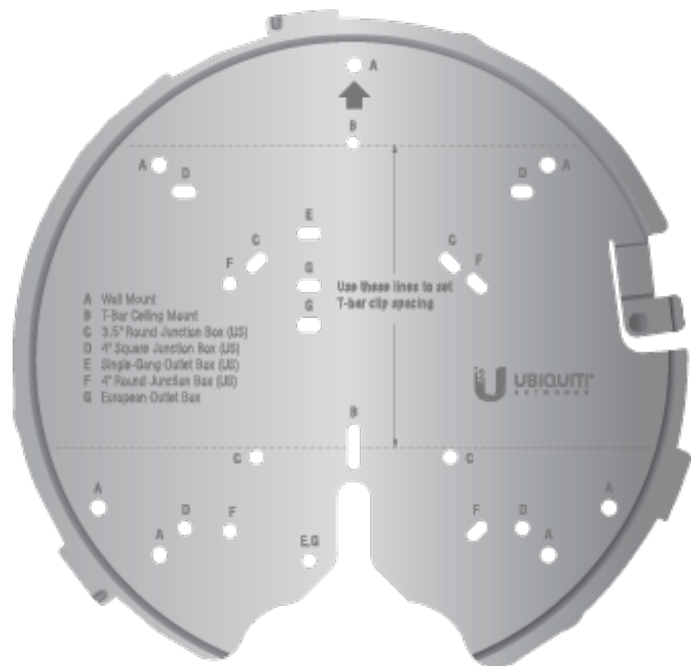
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Main

The Main port is a Gigabit Ethernet port used to connect the power and should be connected to the LAN and DHCP server.

 **IMPORTANT:** The UAP-AC-SHD cannot be powered by the US-8 or US-8-60W; however, it can be powered by other UniFi PoE Switches that provide 802.3at PoE+ power.

Mounting Plate

The Mounting Plate offers a variety of mounting holes for different applications. The legend printed on the Mounting Plate identifies the holes used for each application.



Hardware Installation

The UniFi AP can be mounted on a wall, ceiling tile, drop ceiling T-rail (up to 40 mm), or electrical junction box. Perform the steps for the appropriate installation.

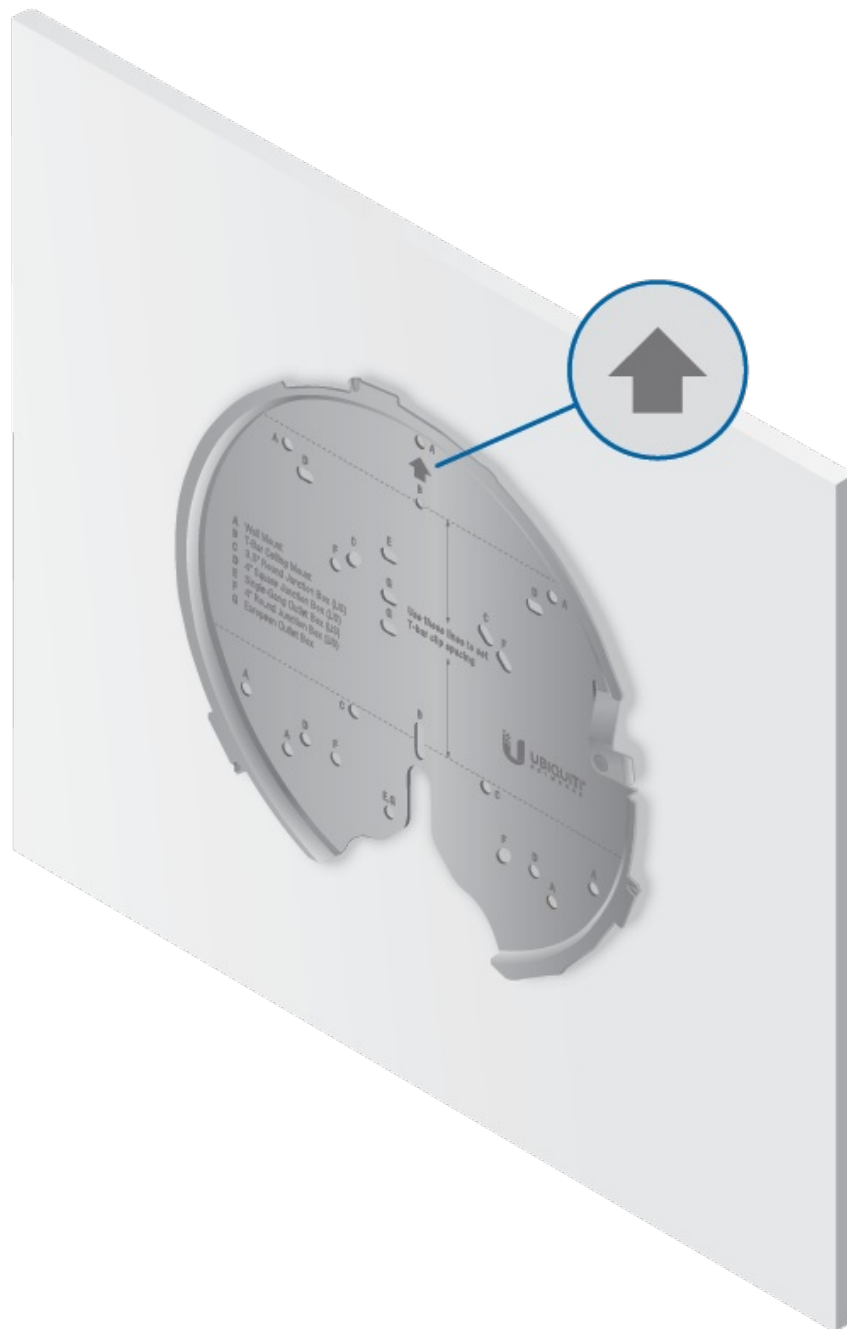
Note for UniFi AP replacement: The holes marked "A" on the Mounting Plate line up with the holes of mounting brackets used for previous UniFi AP



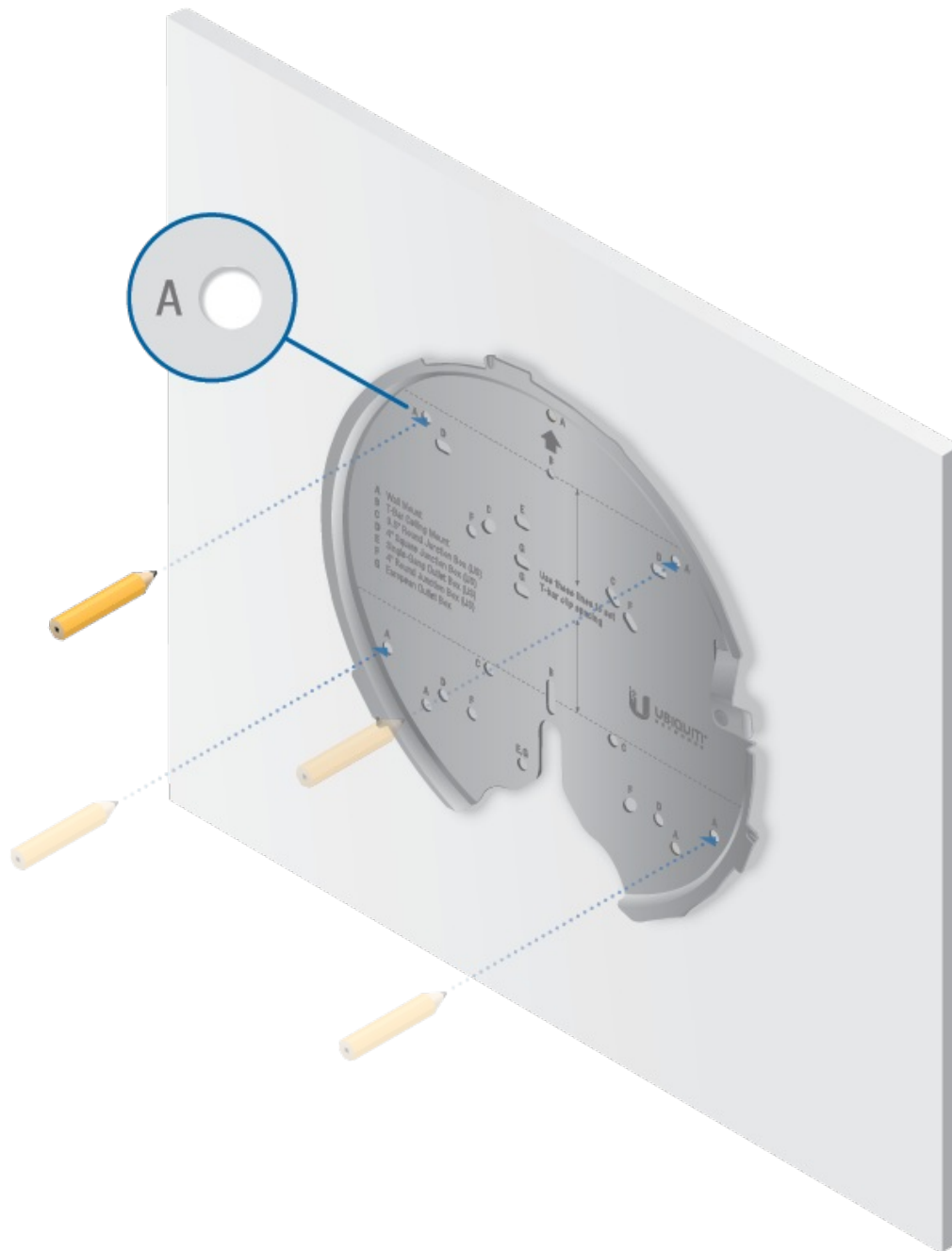
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Wall Mount

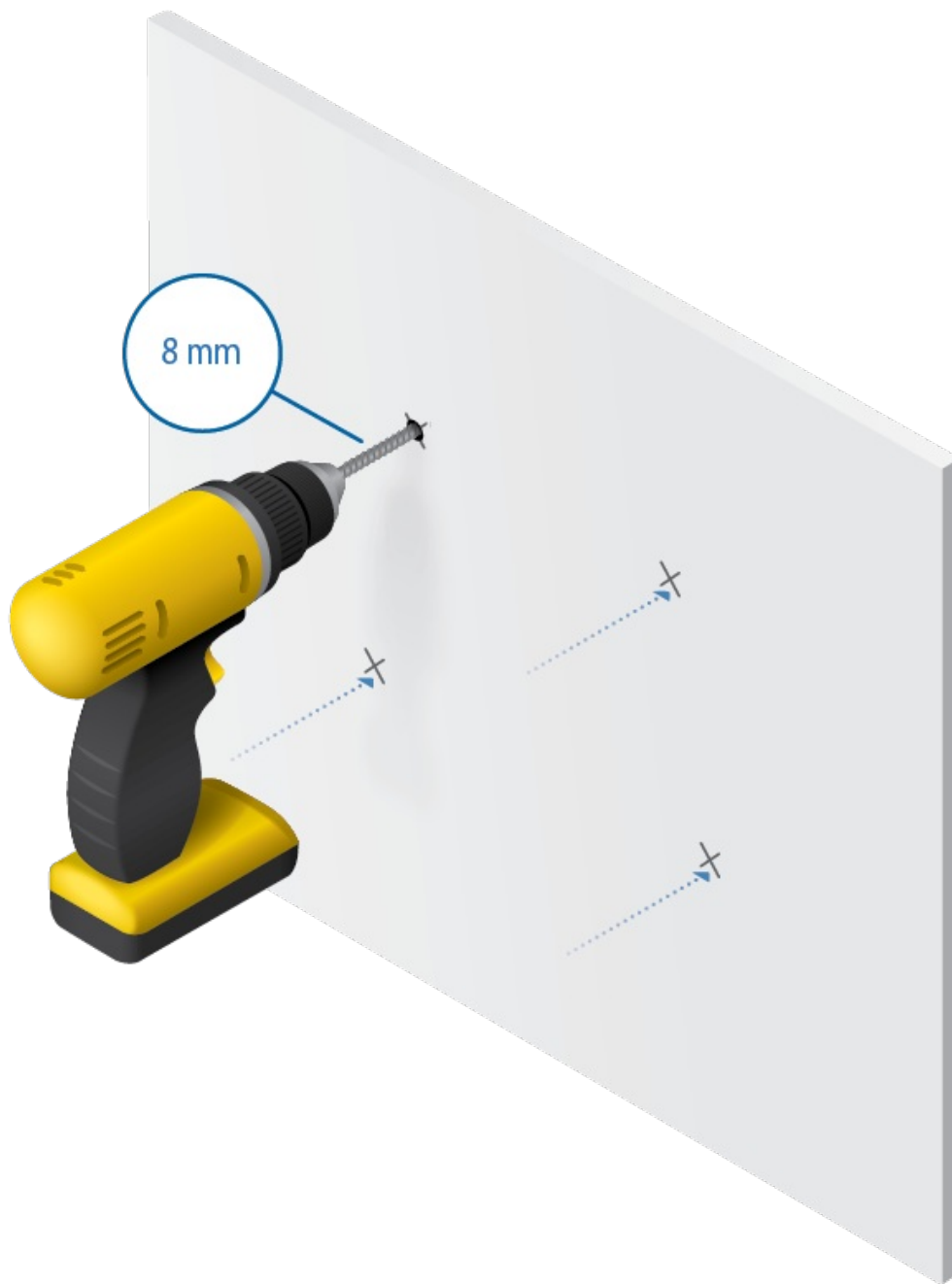
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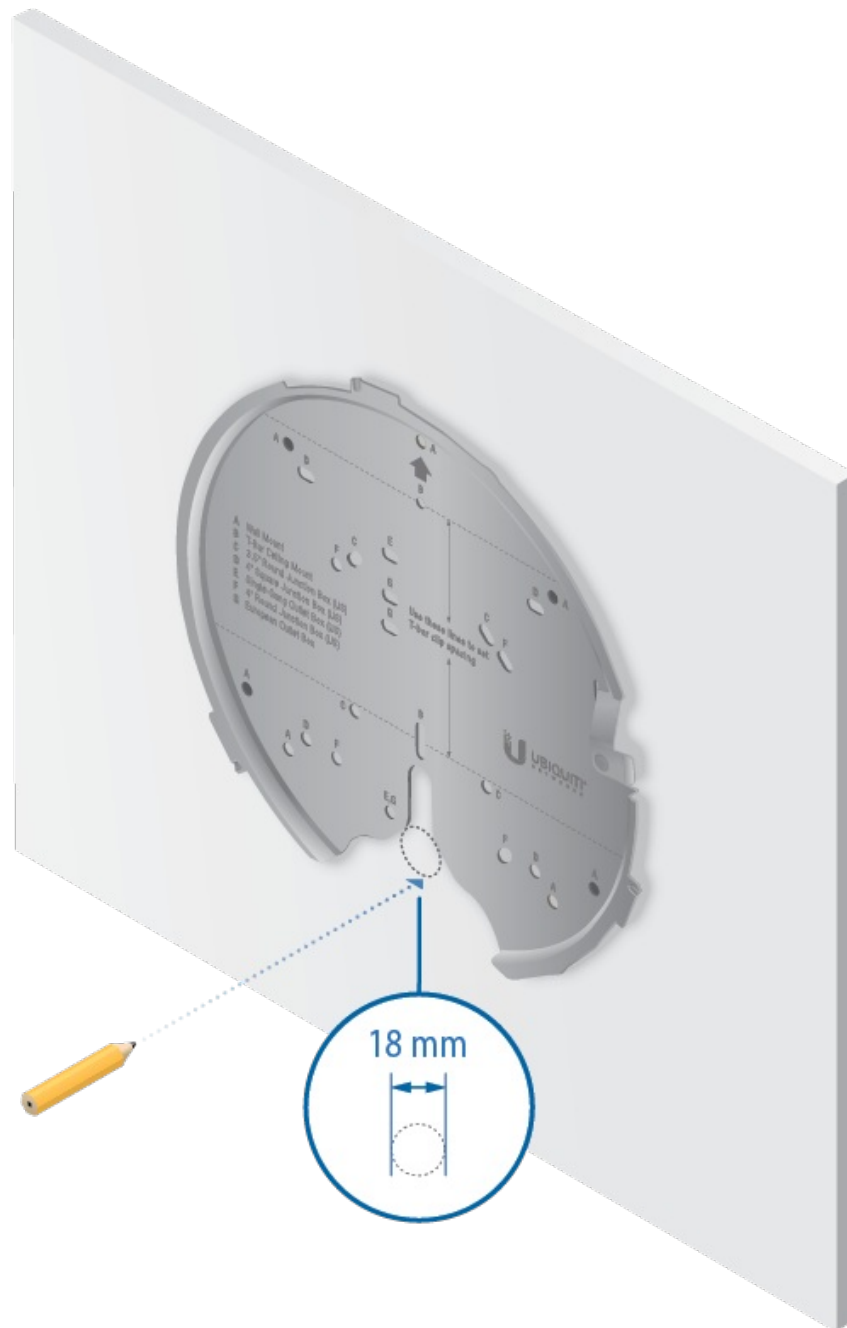
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Optional

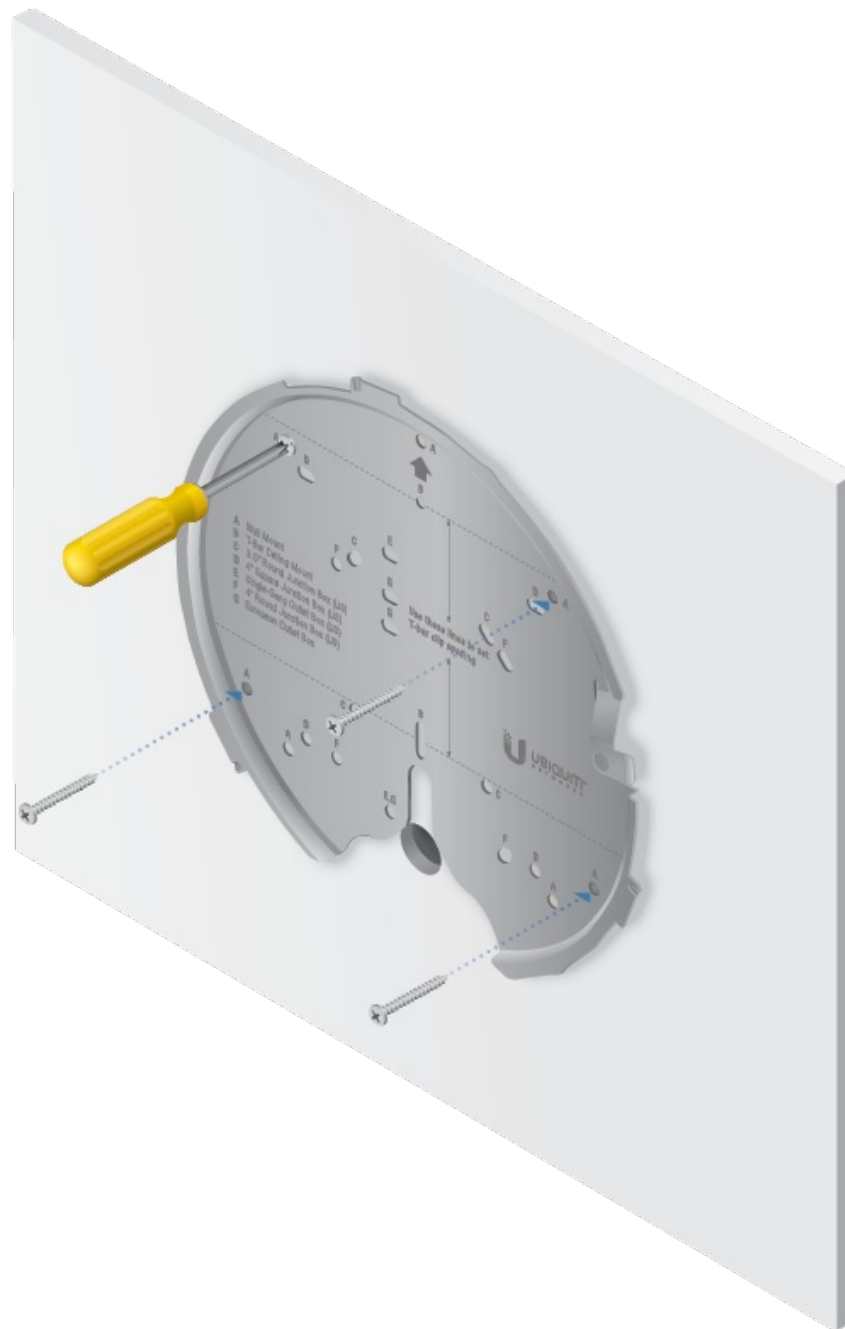




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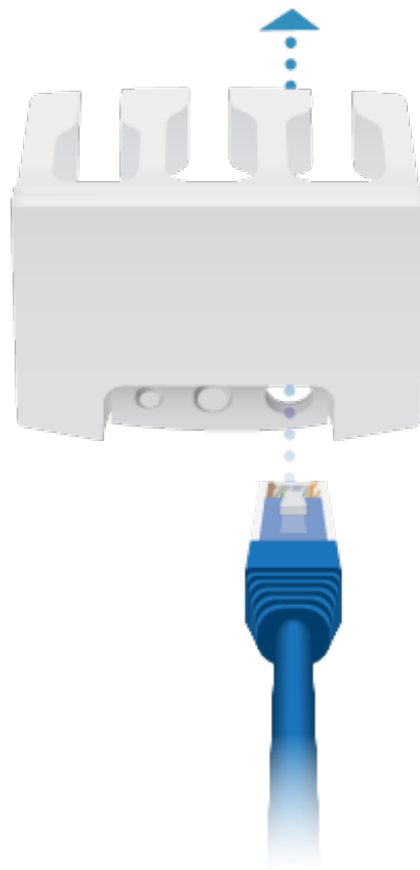
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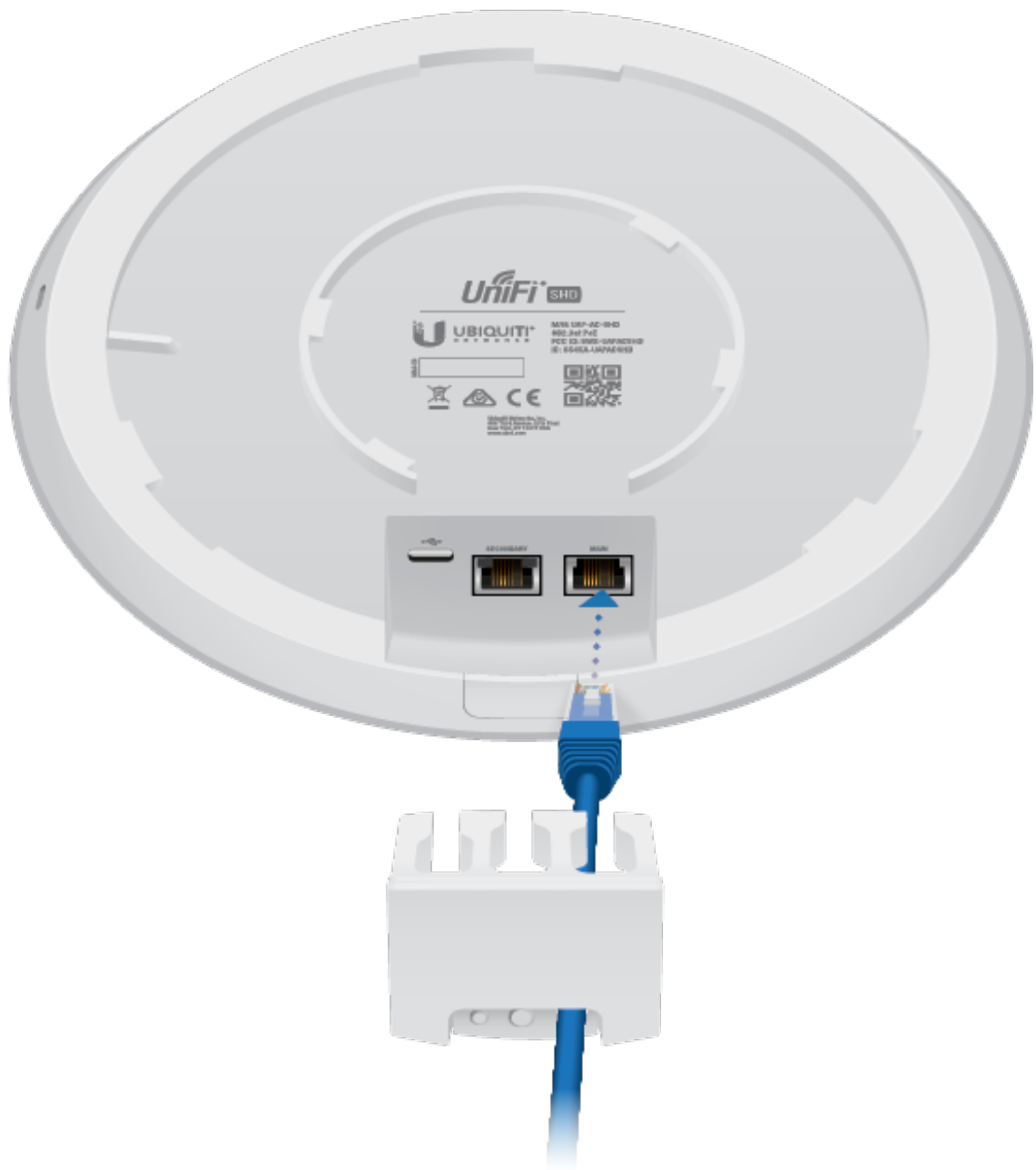
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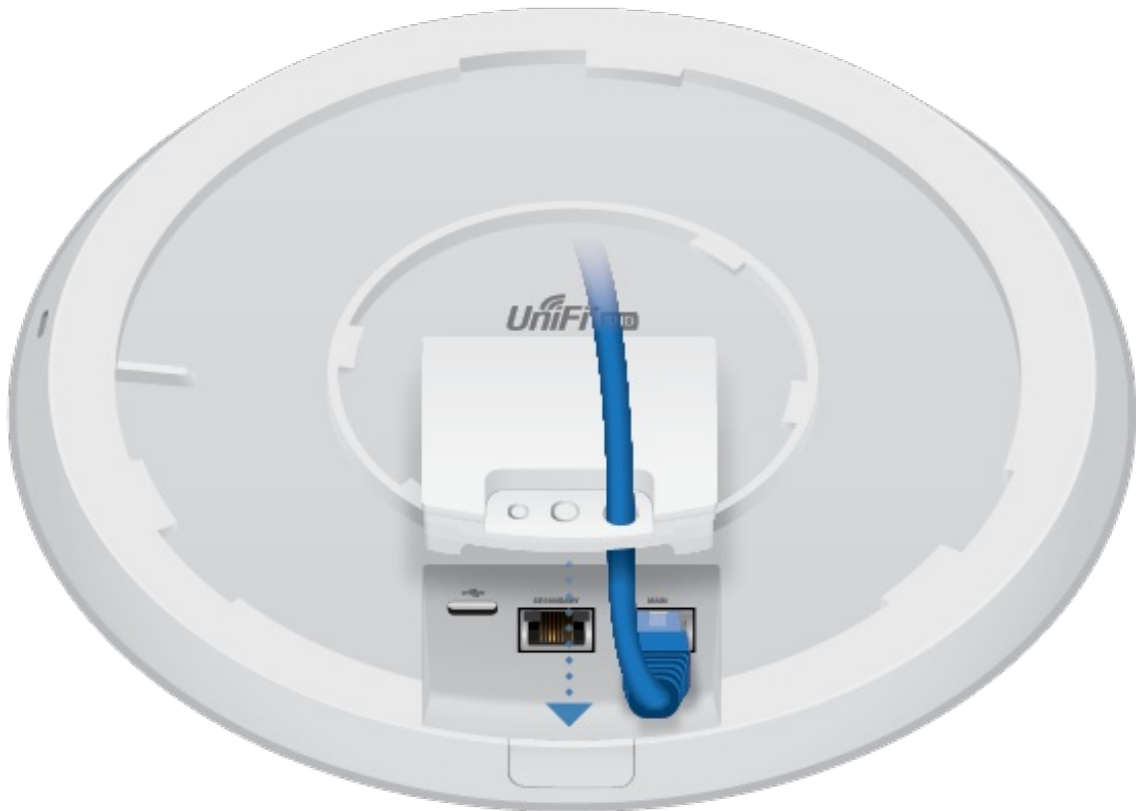
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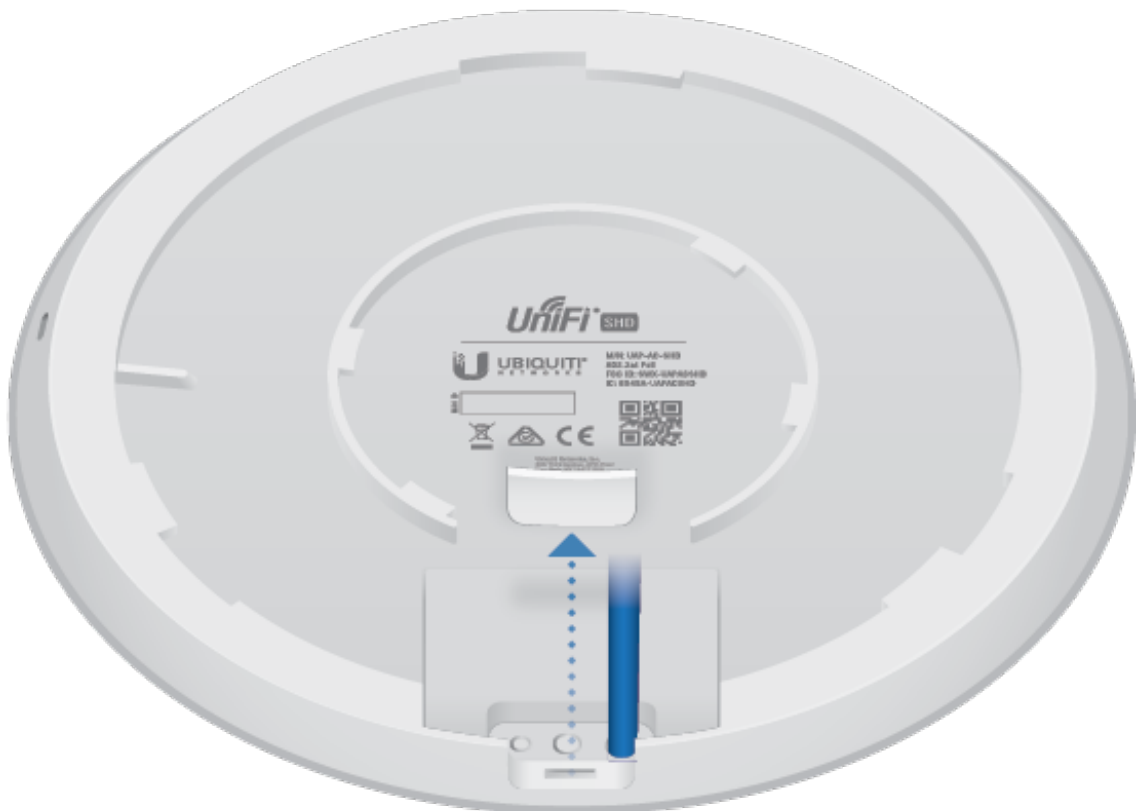
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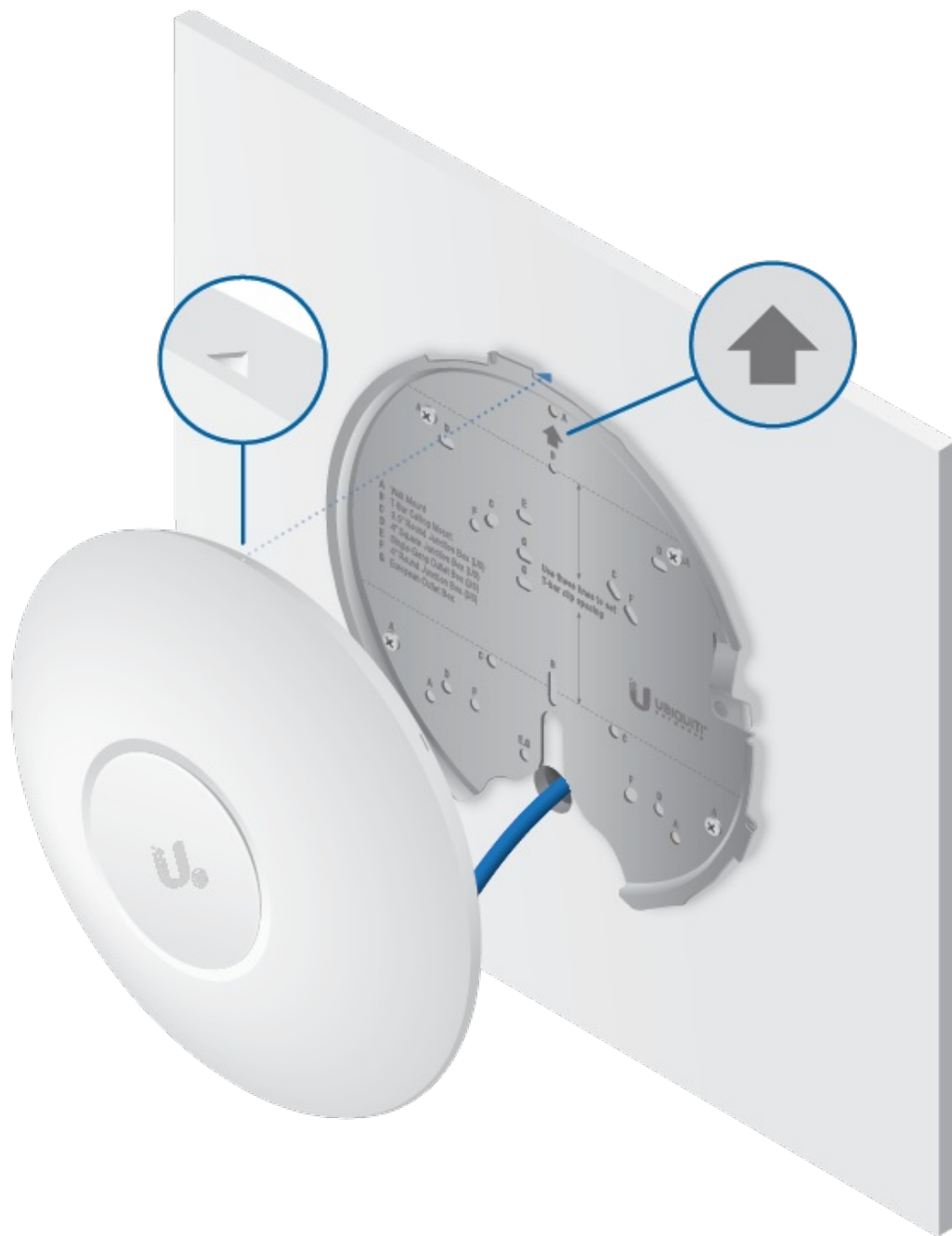
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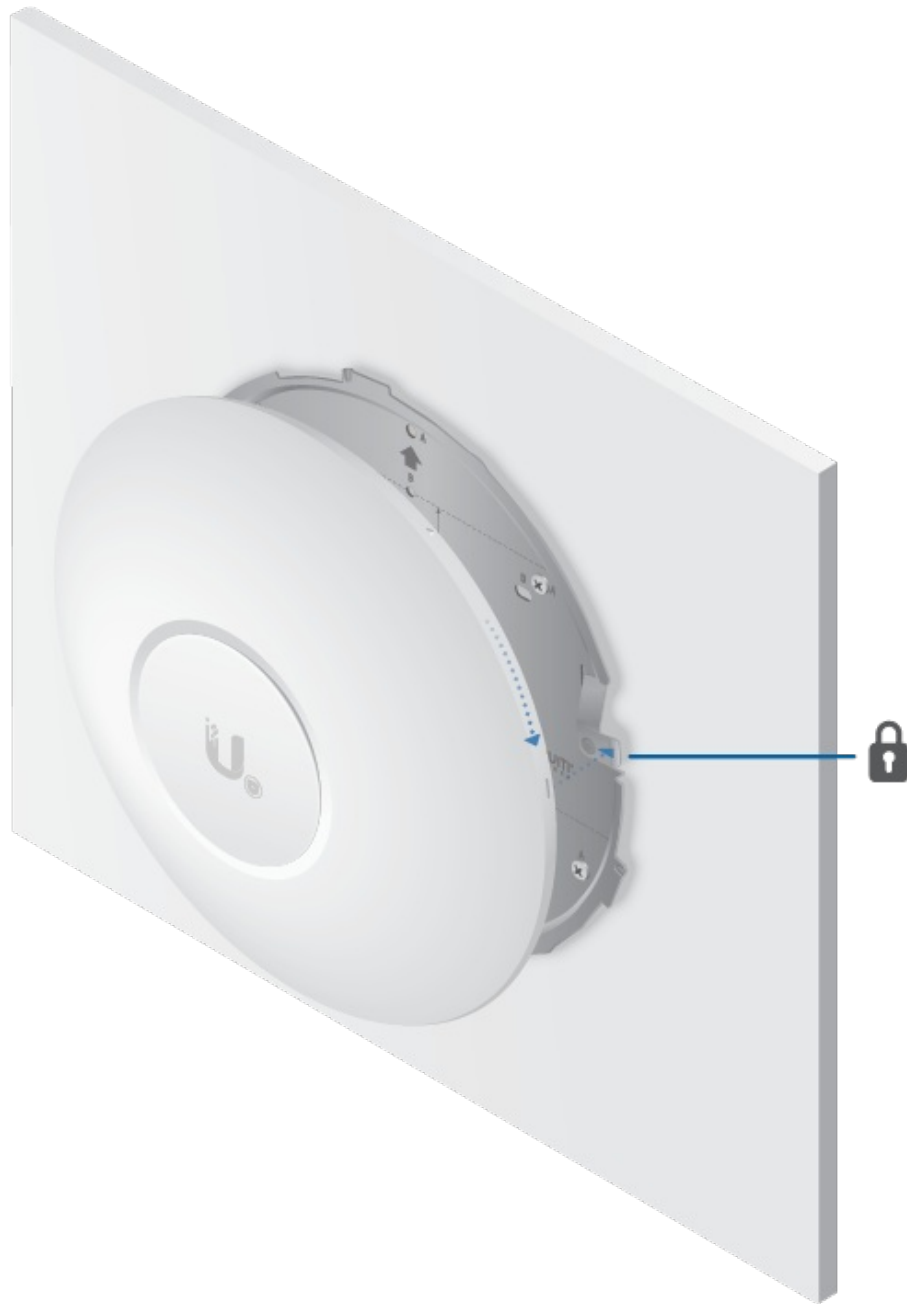
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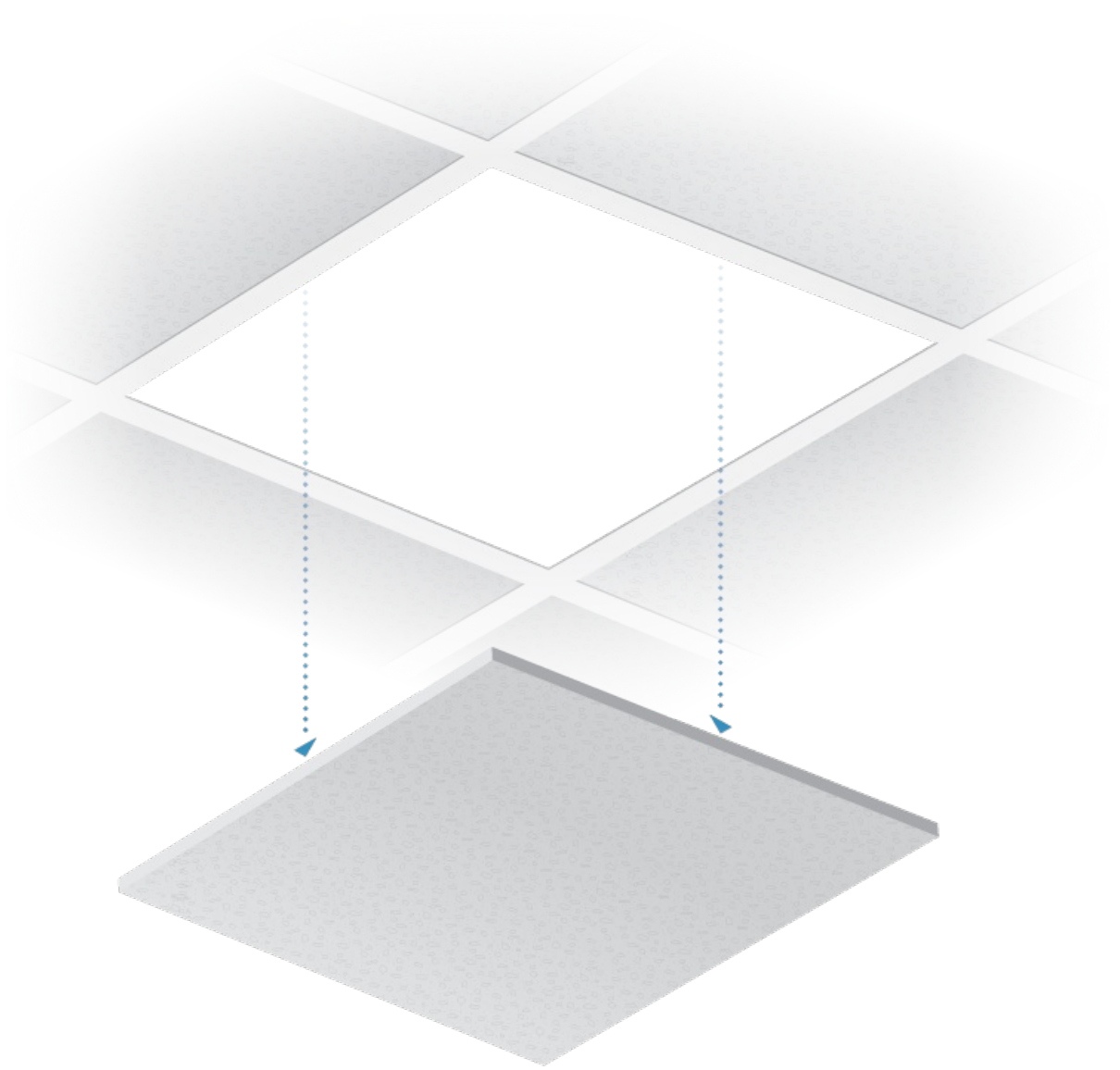


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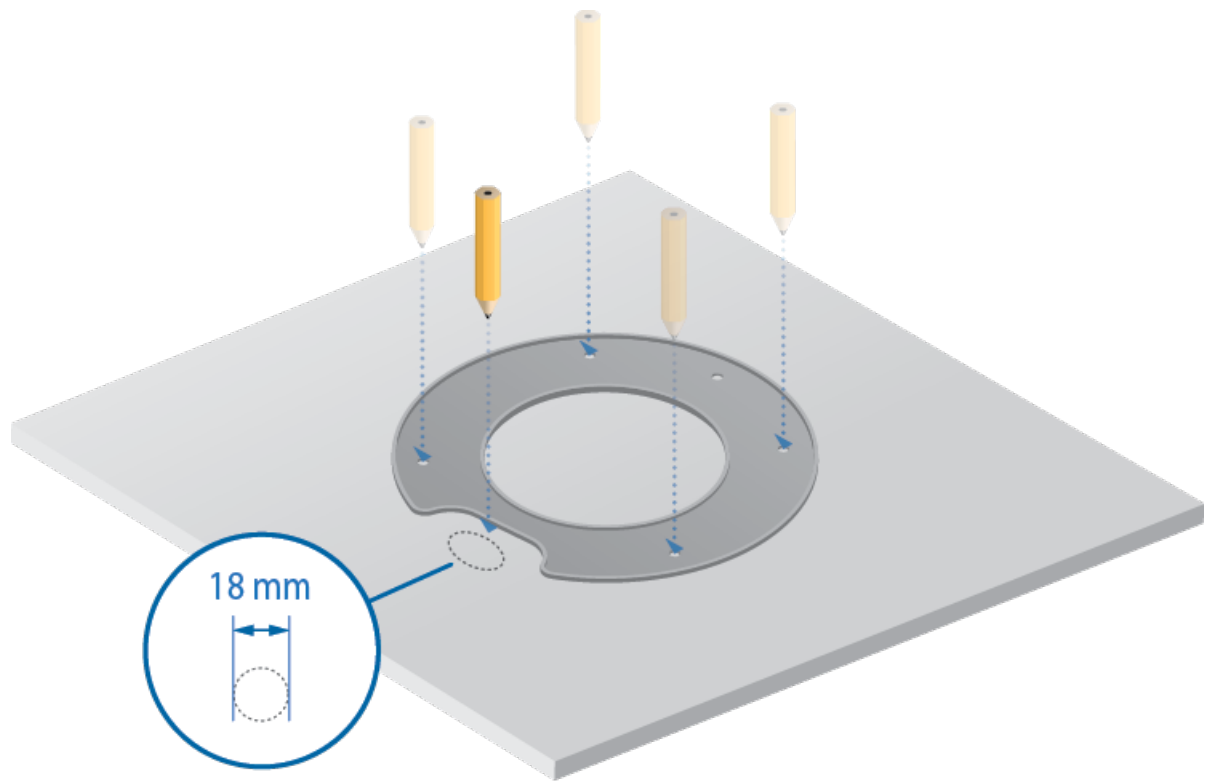


Ceiling Mount

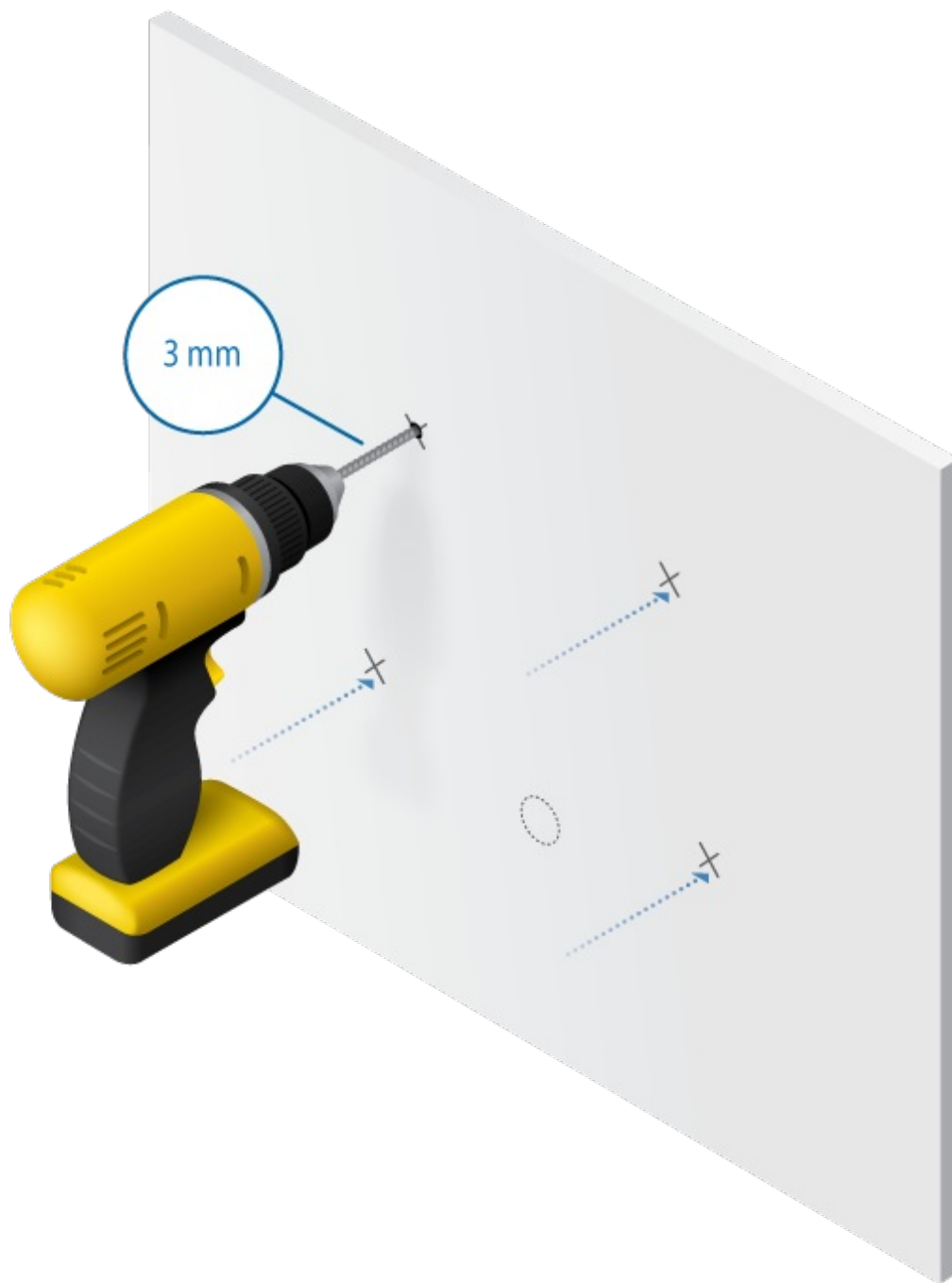
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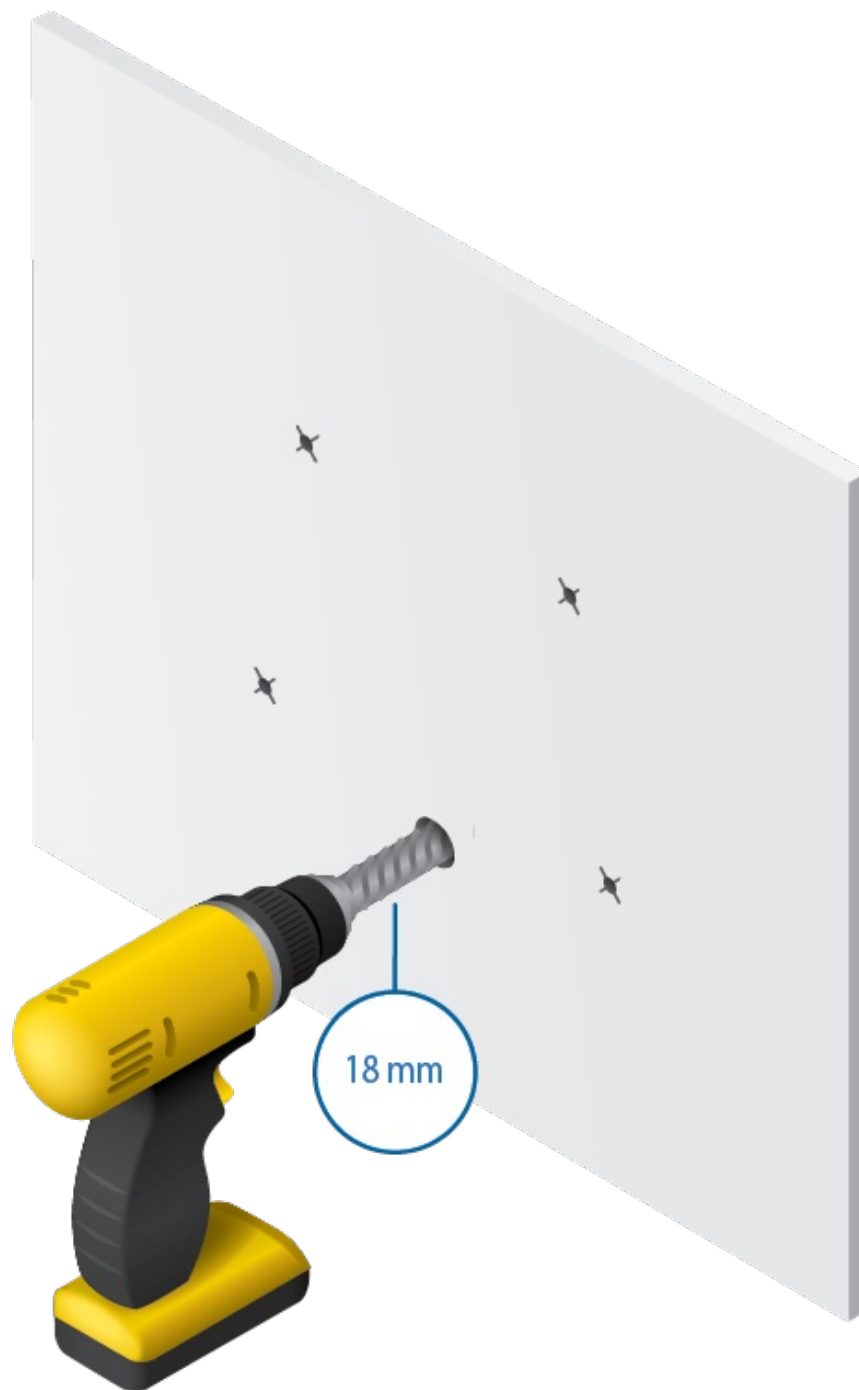
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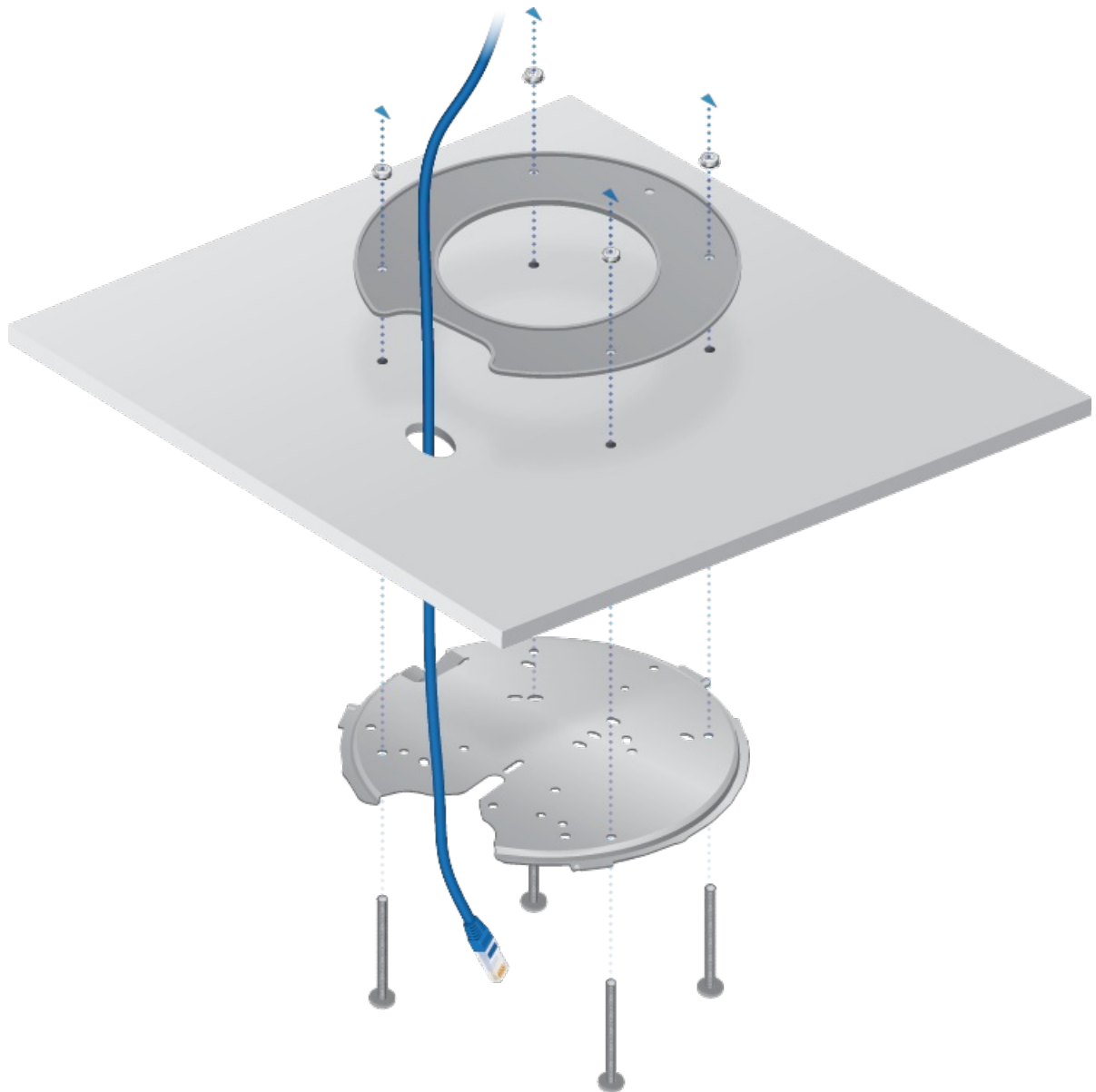
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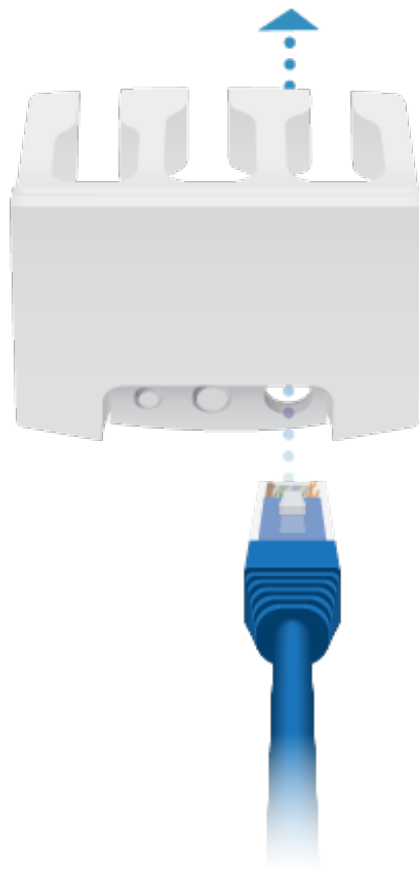
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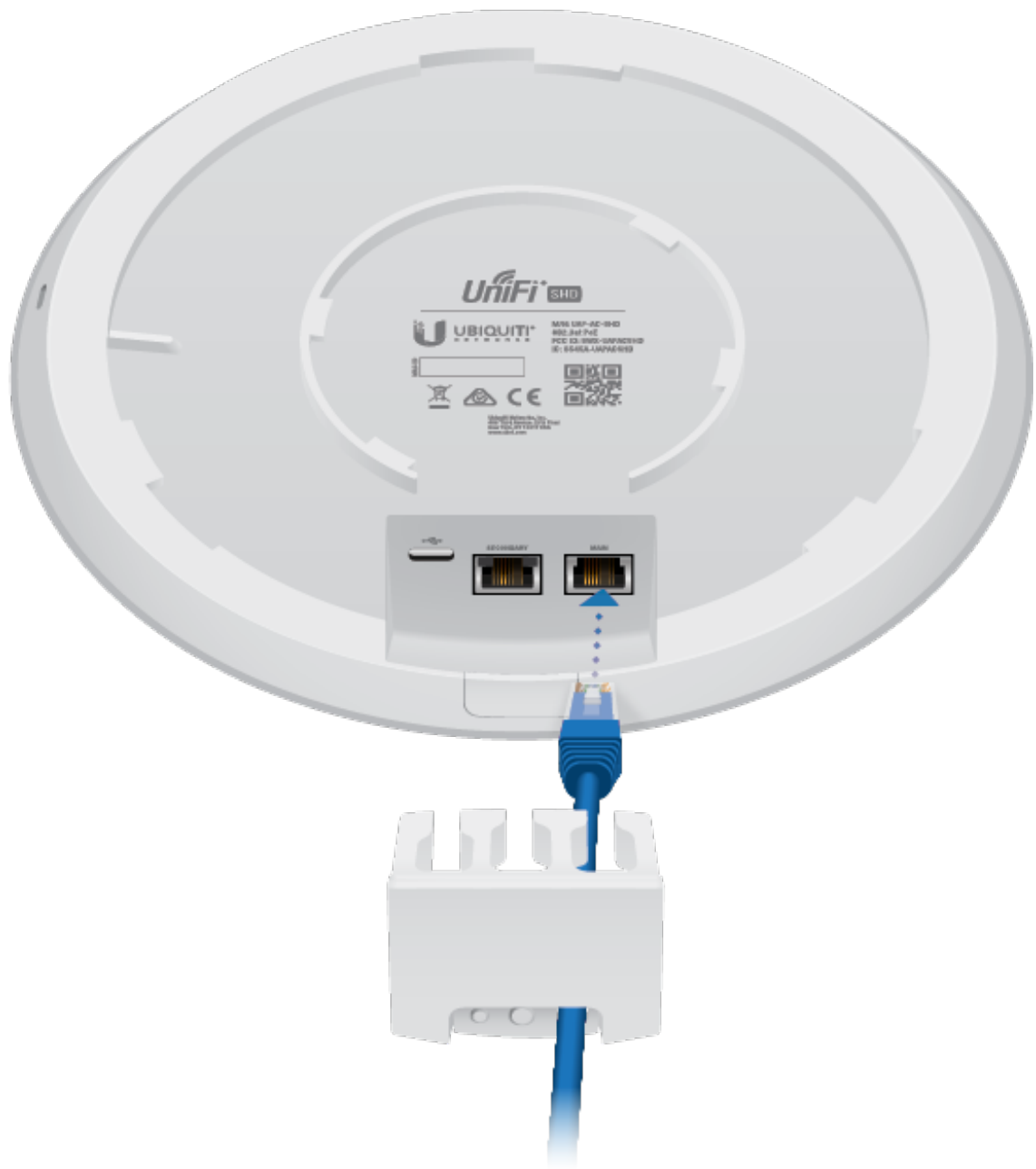
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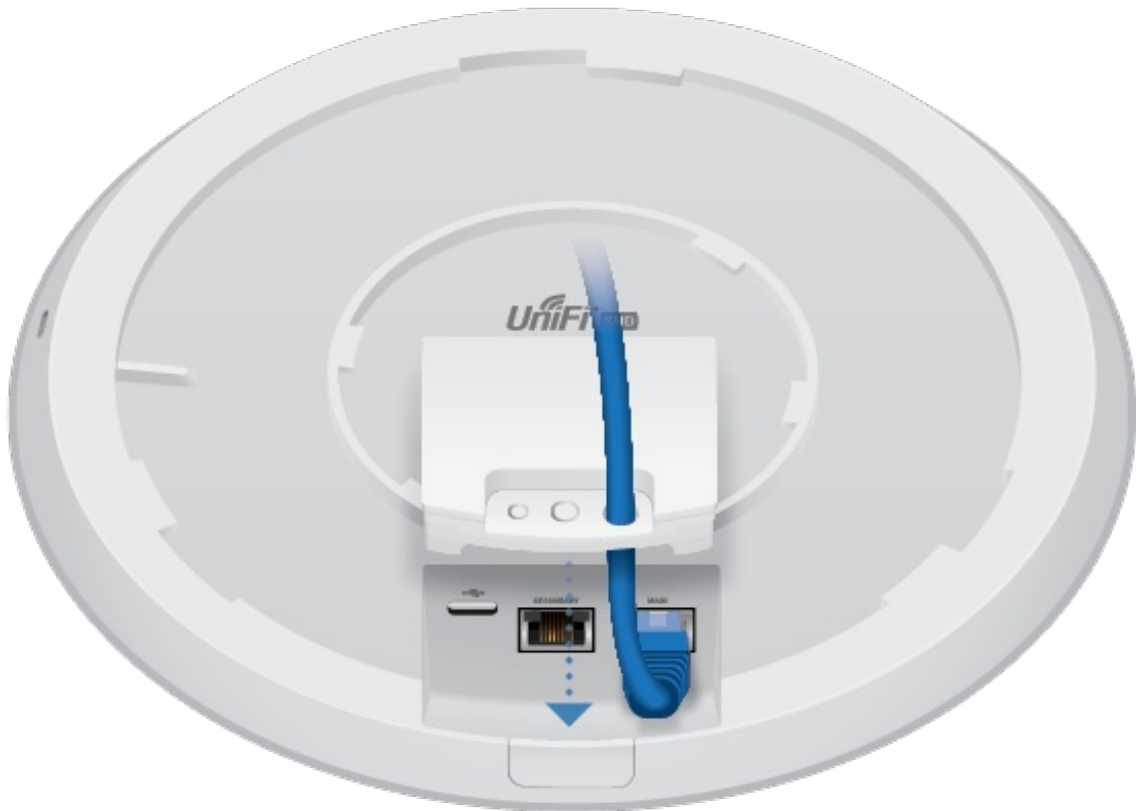
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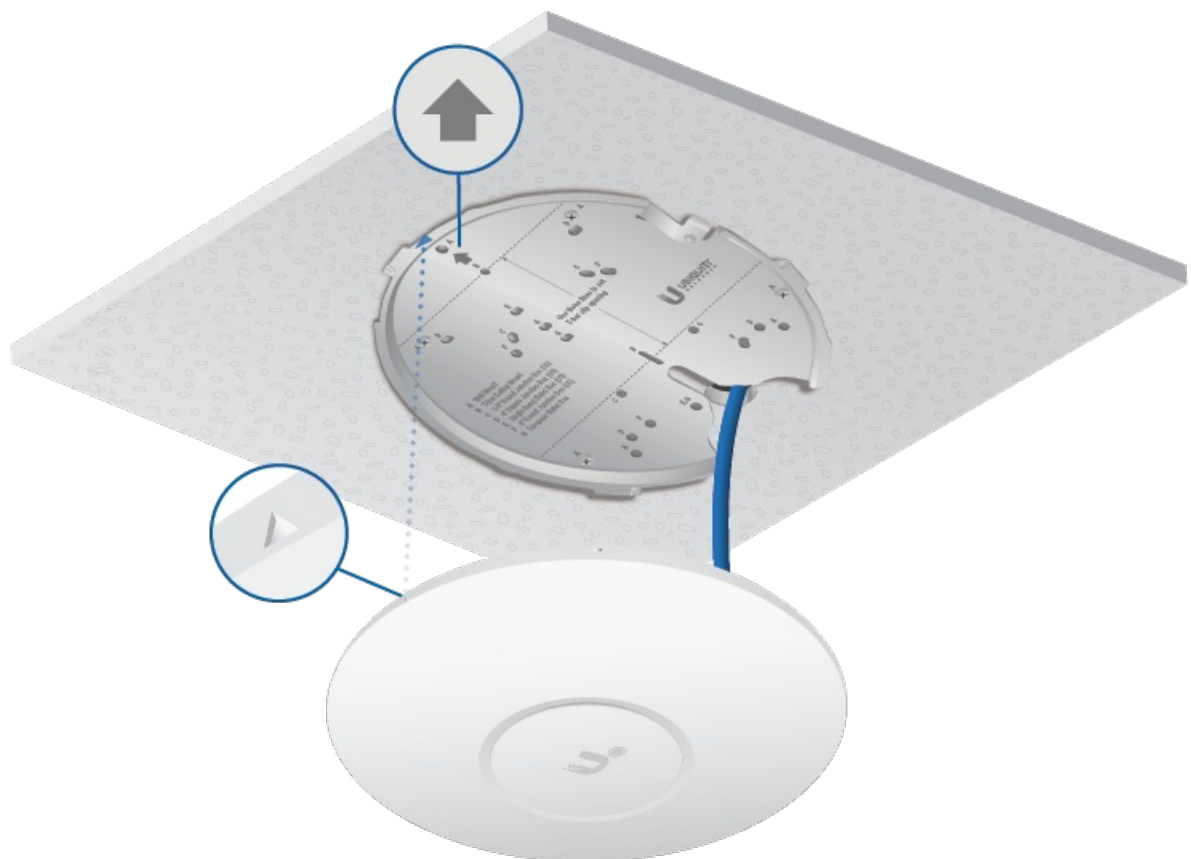
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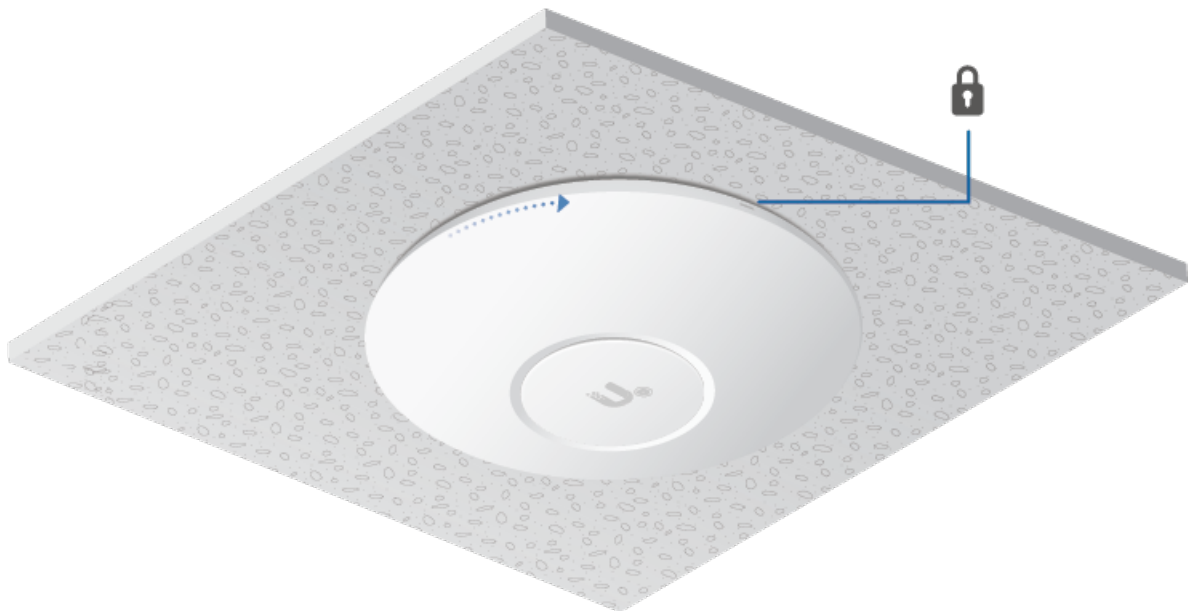
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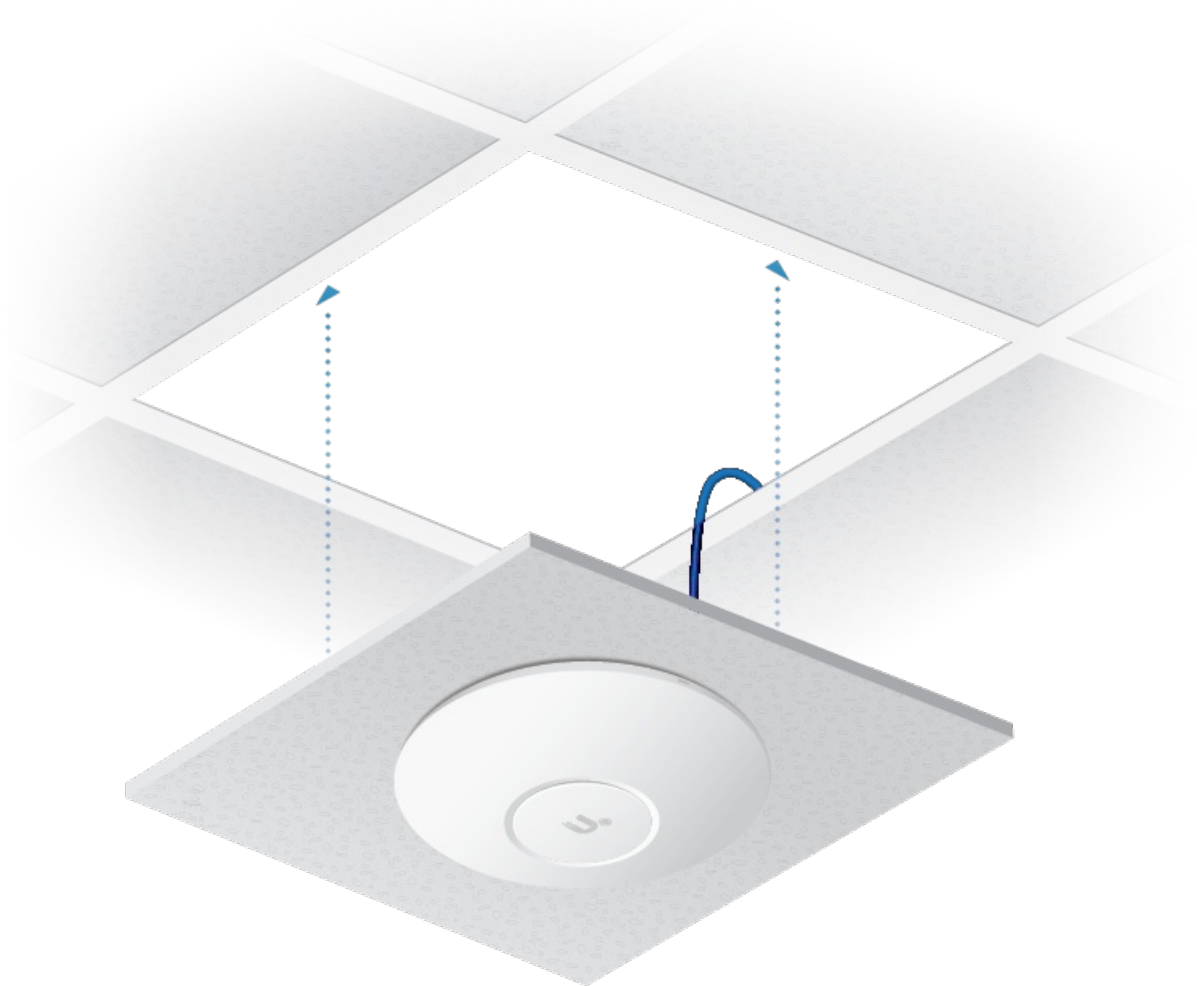
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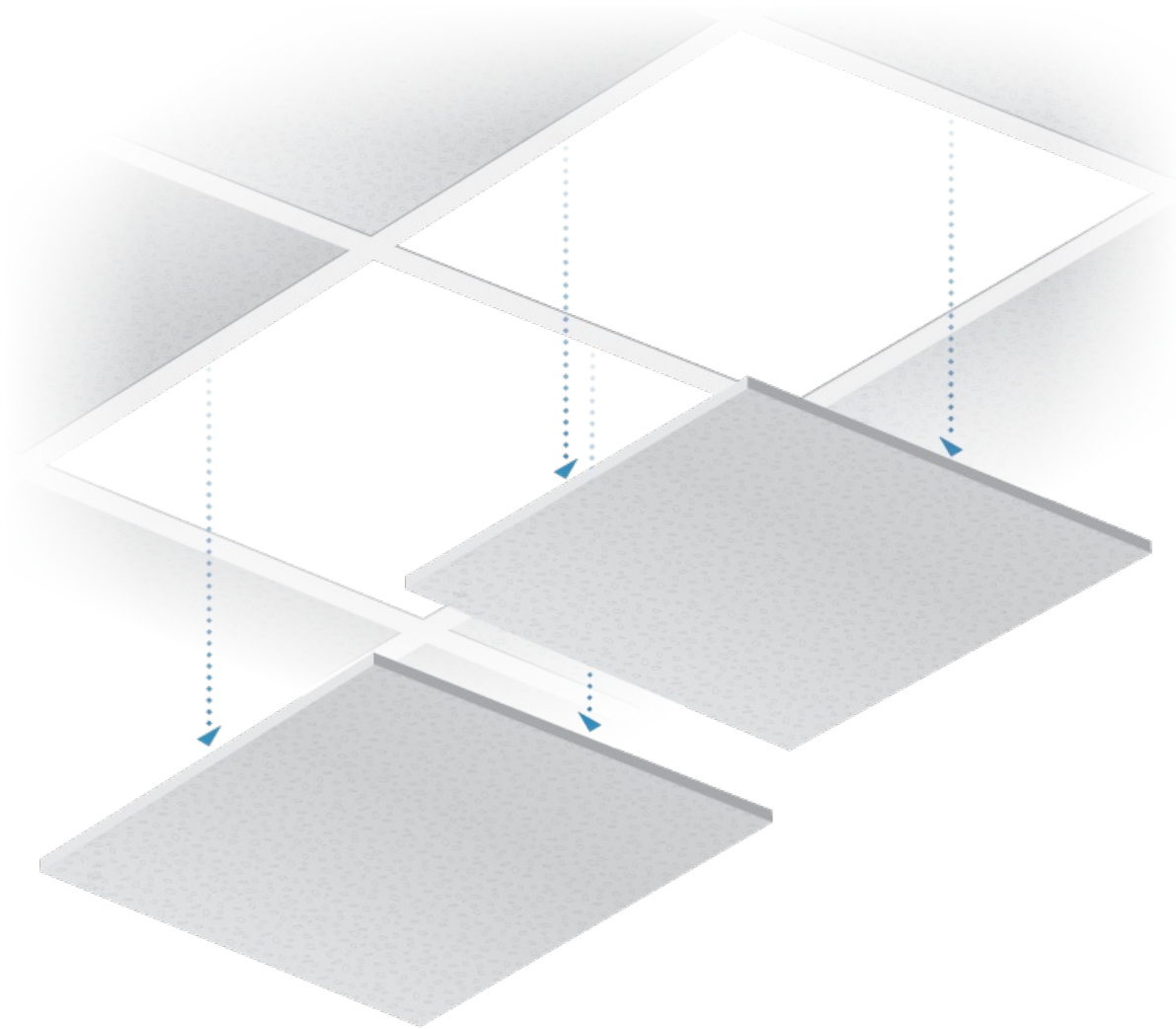


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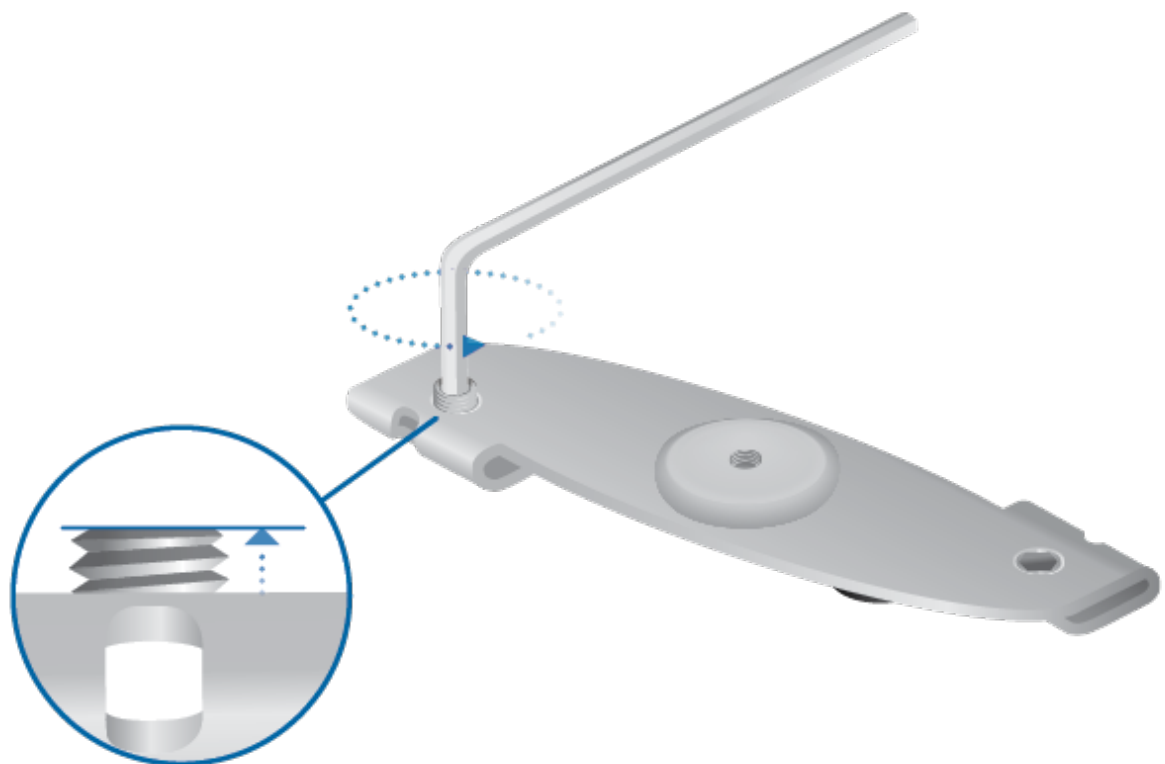


T-Bar Mount

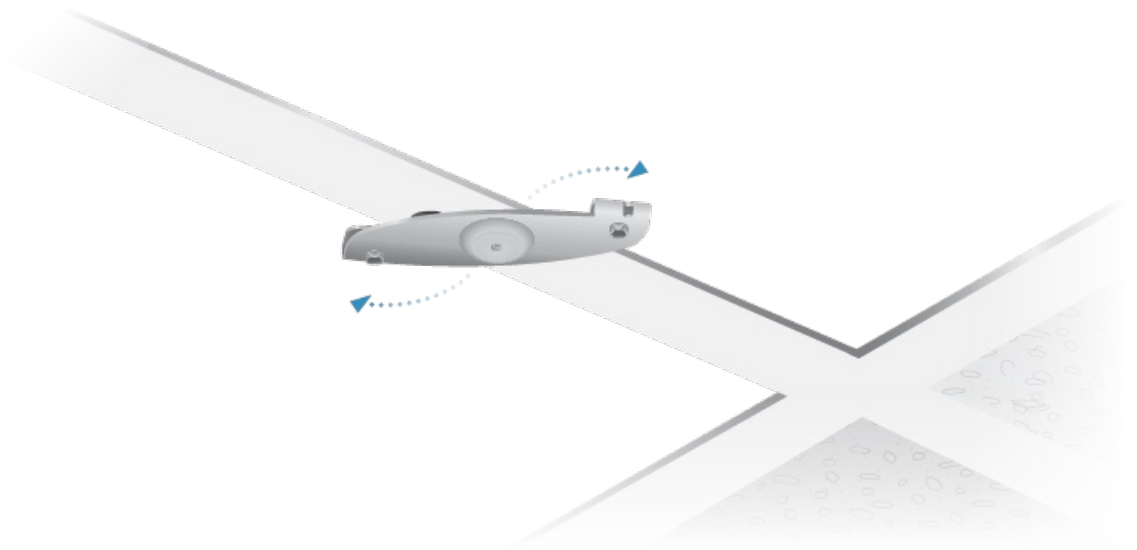
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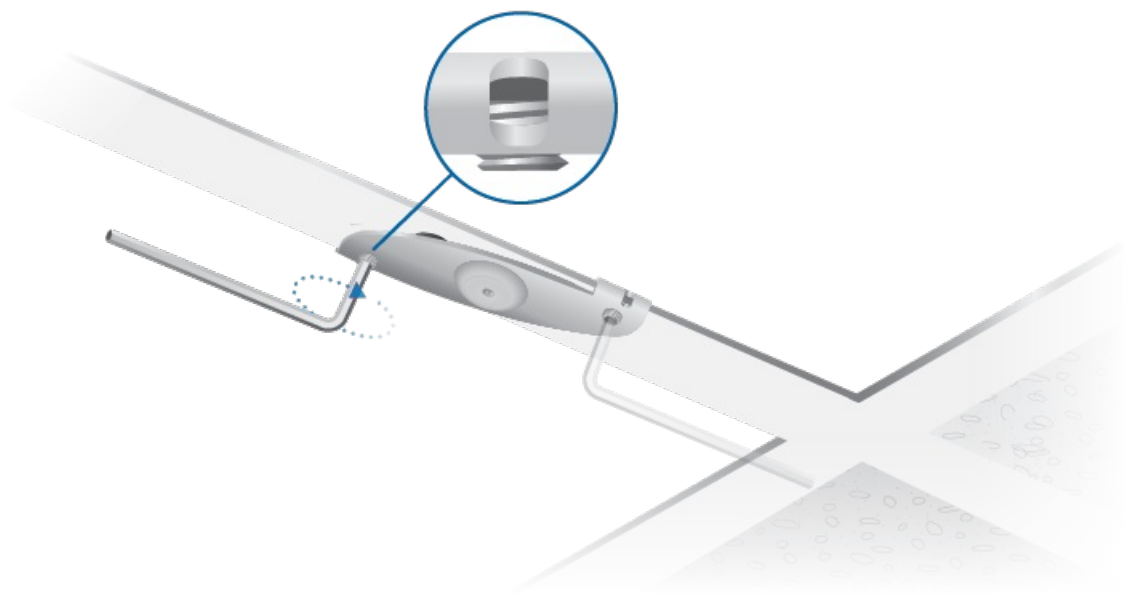
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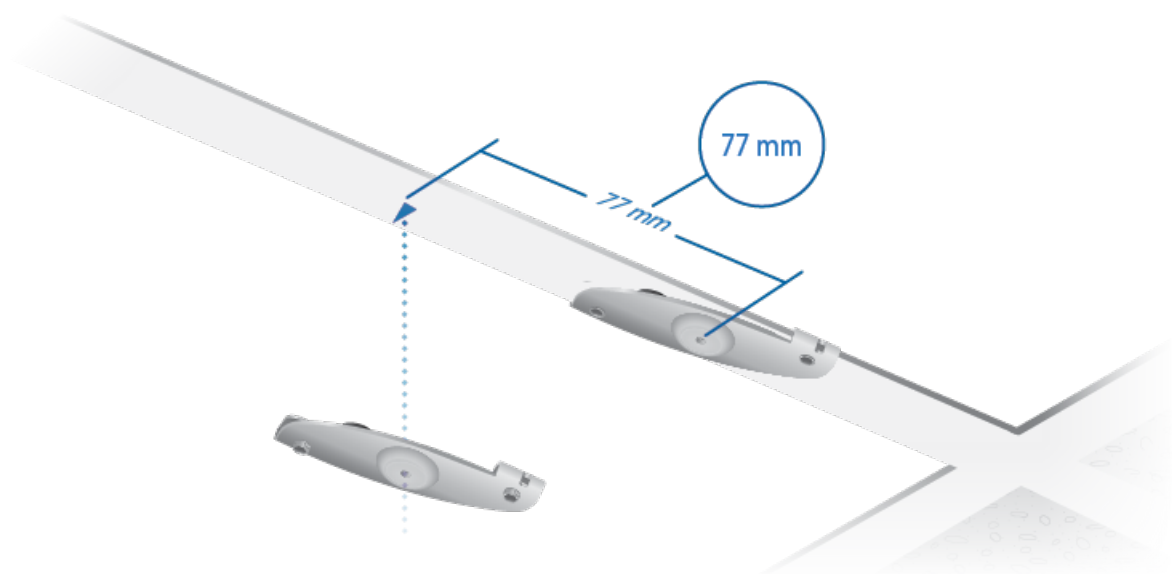
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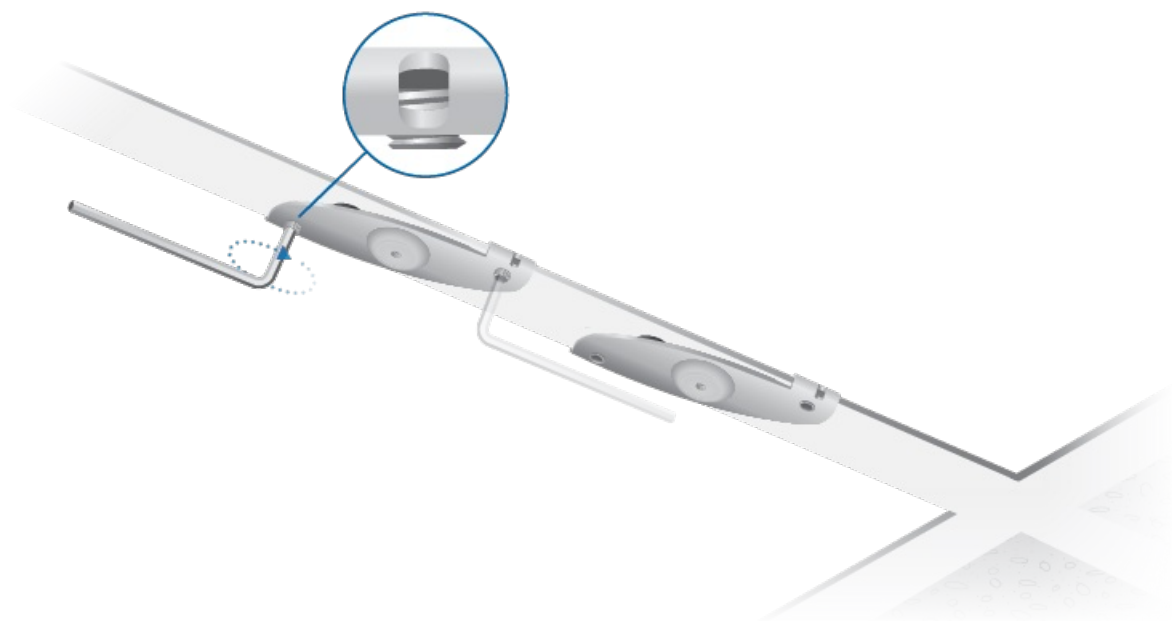
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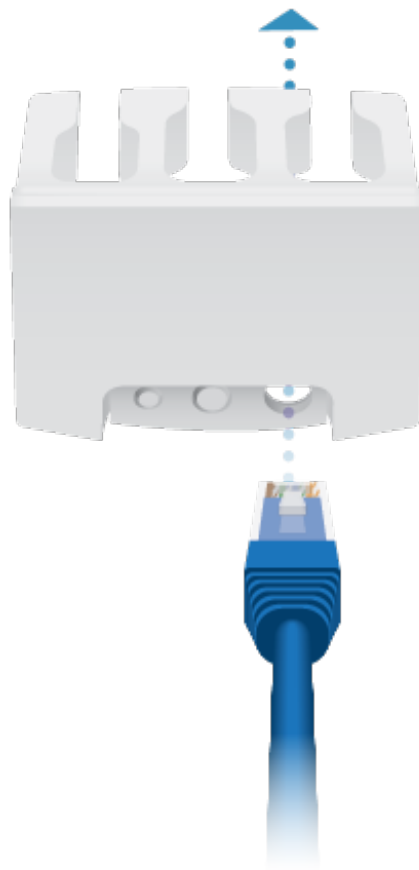
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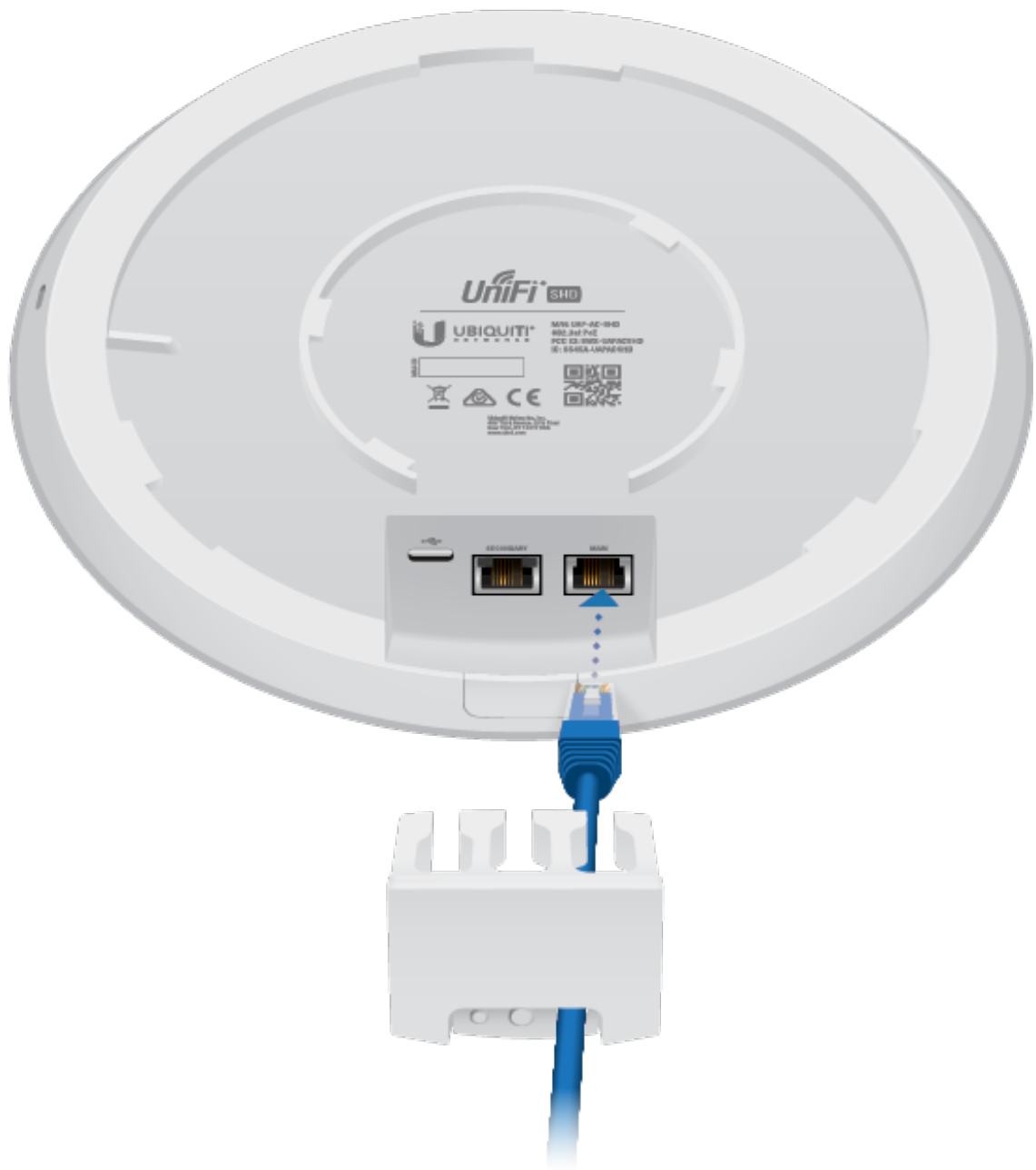
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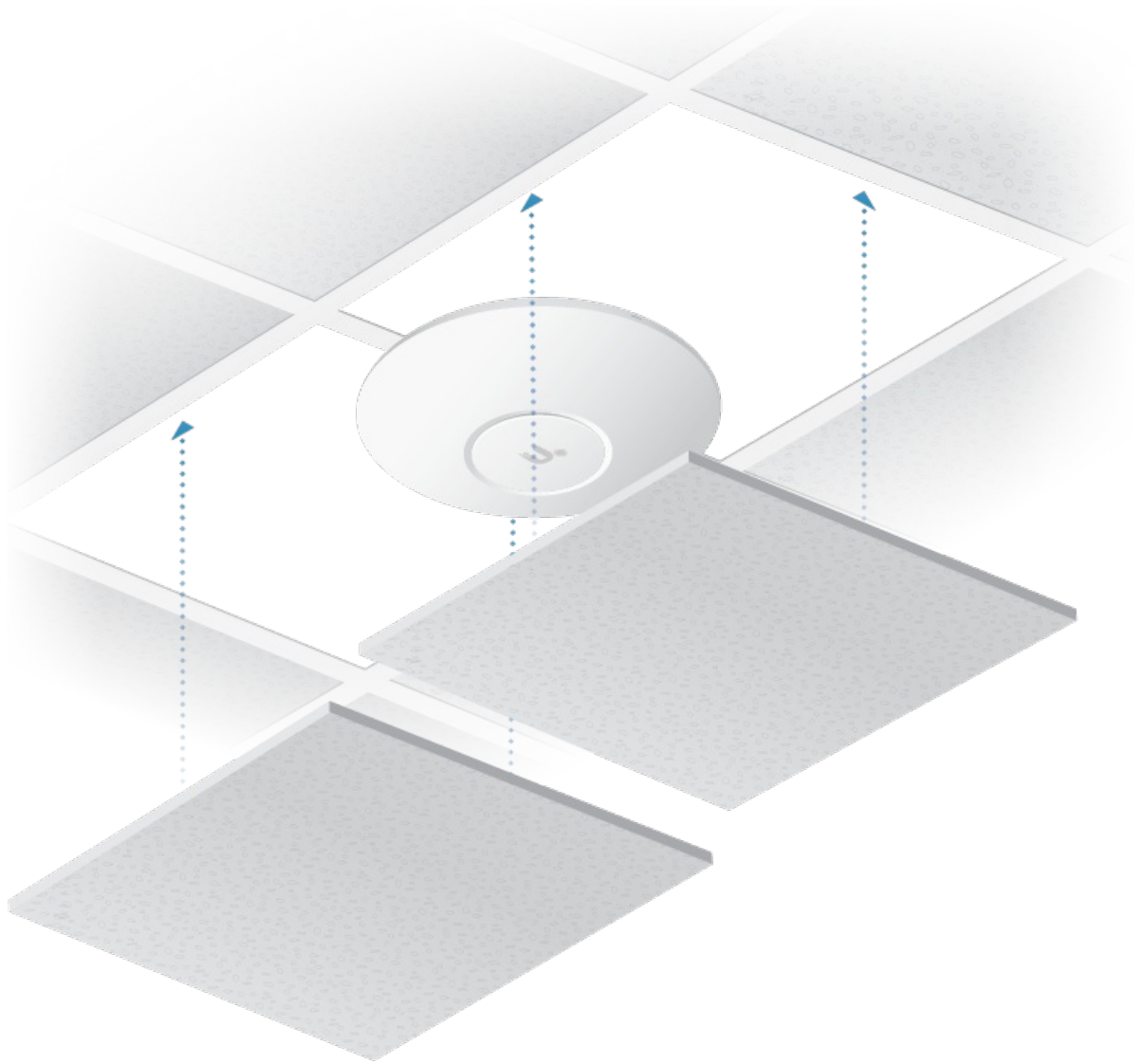
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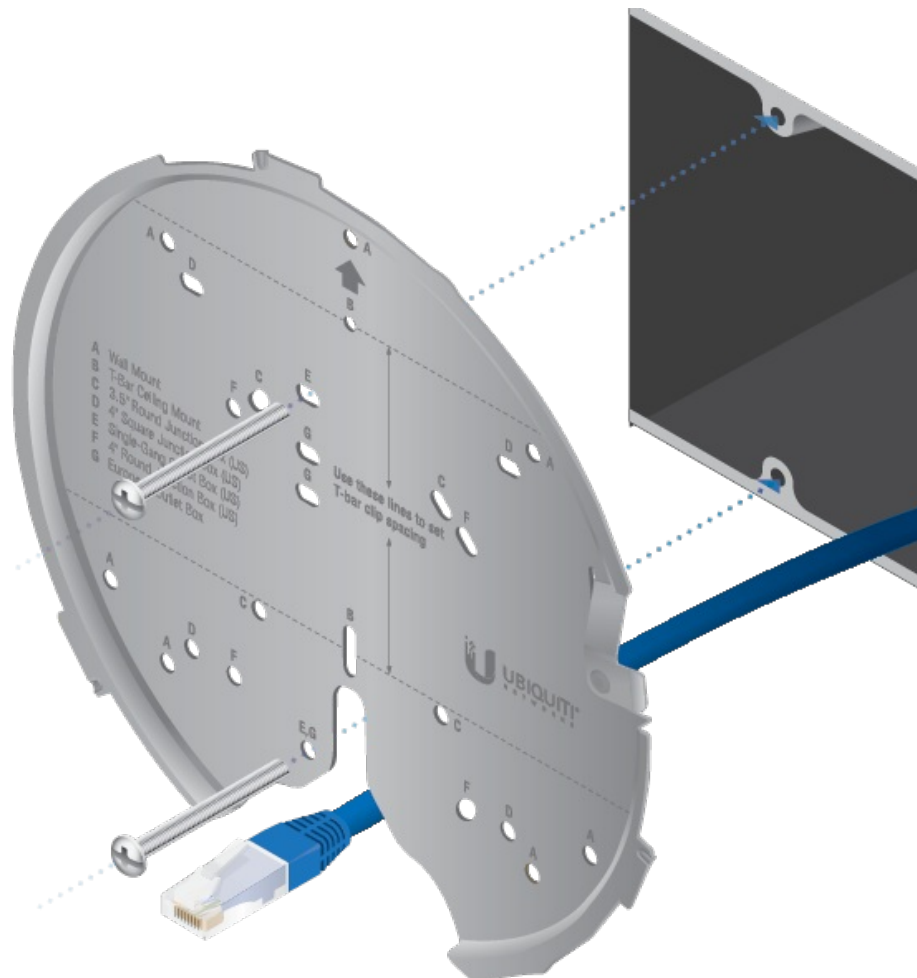
Junction or Outlet Box Mount

1. Use the legend printed on the Mounting Plate to select the appropriate mounting holes for your installation.

2. Pull the Ethernet cable through the Mounting Plate, and attach the Mounting Plate to the junction or outlet box using at least two screws (not included).



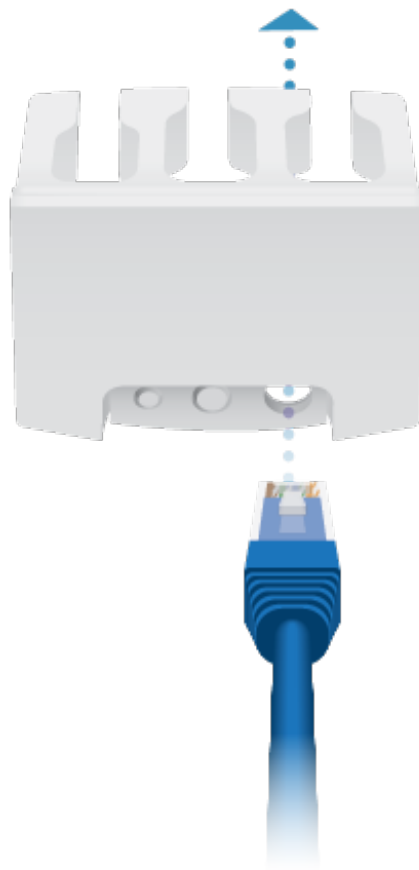
Note: For in-wall applications, position the Mounting Plate with the Arrow pointing upwards.



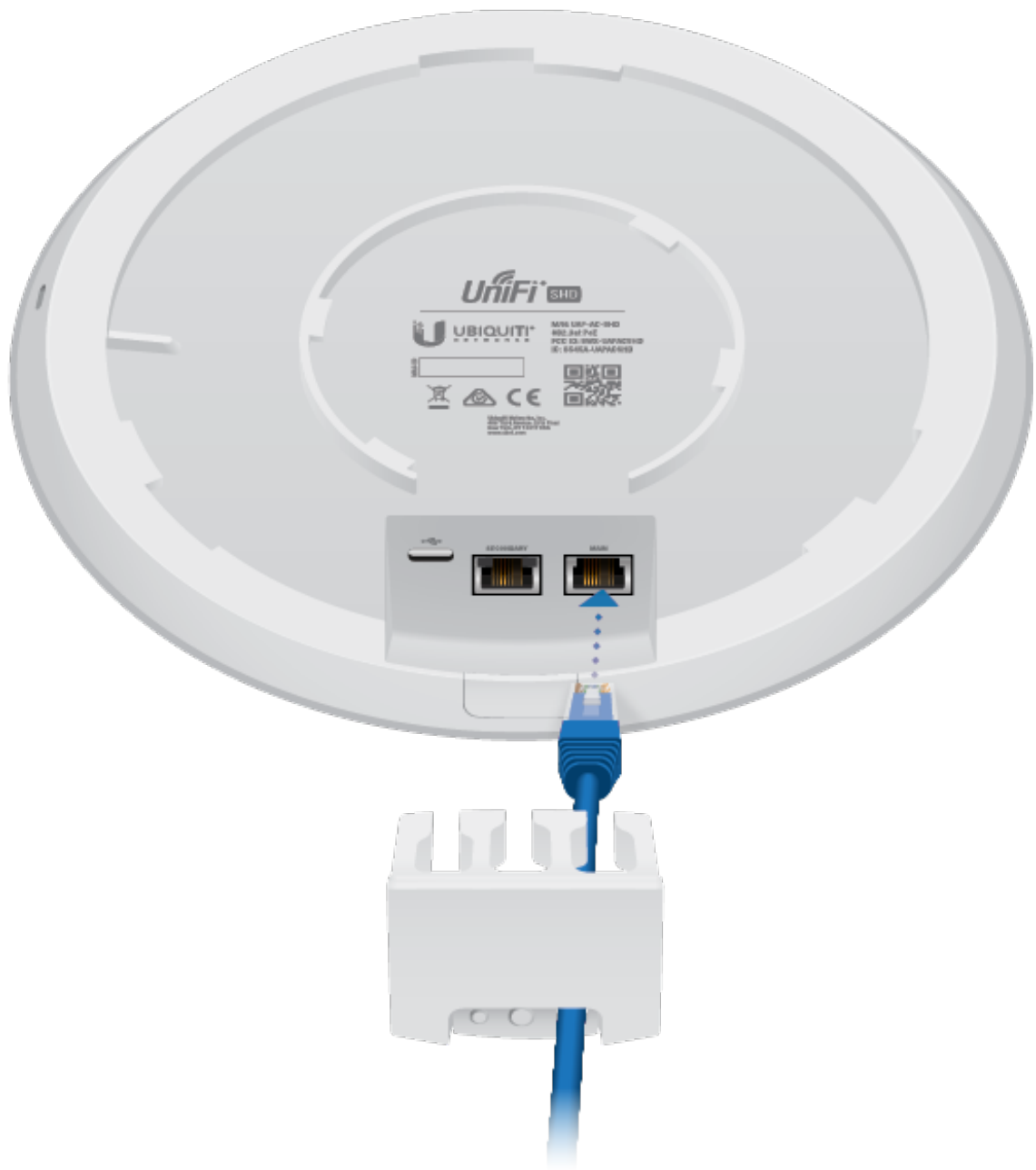
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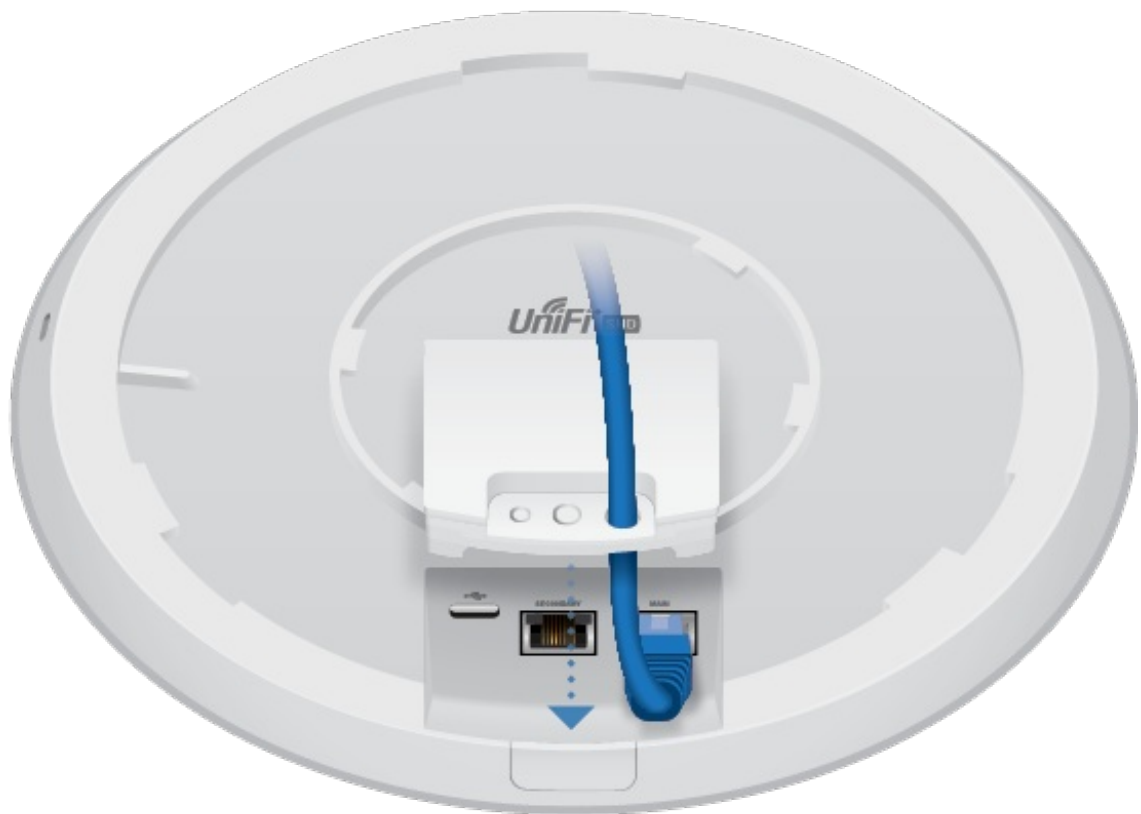
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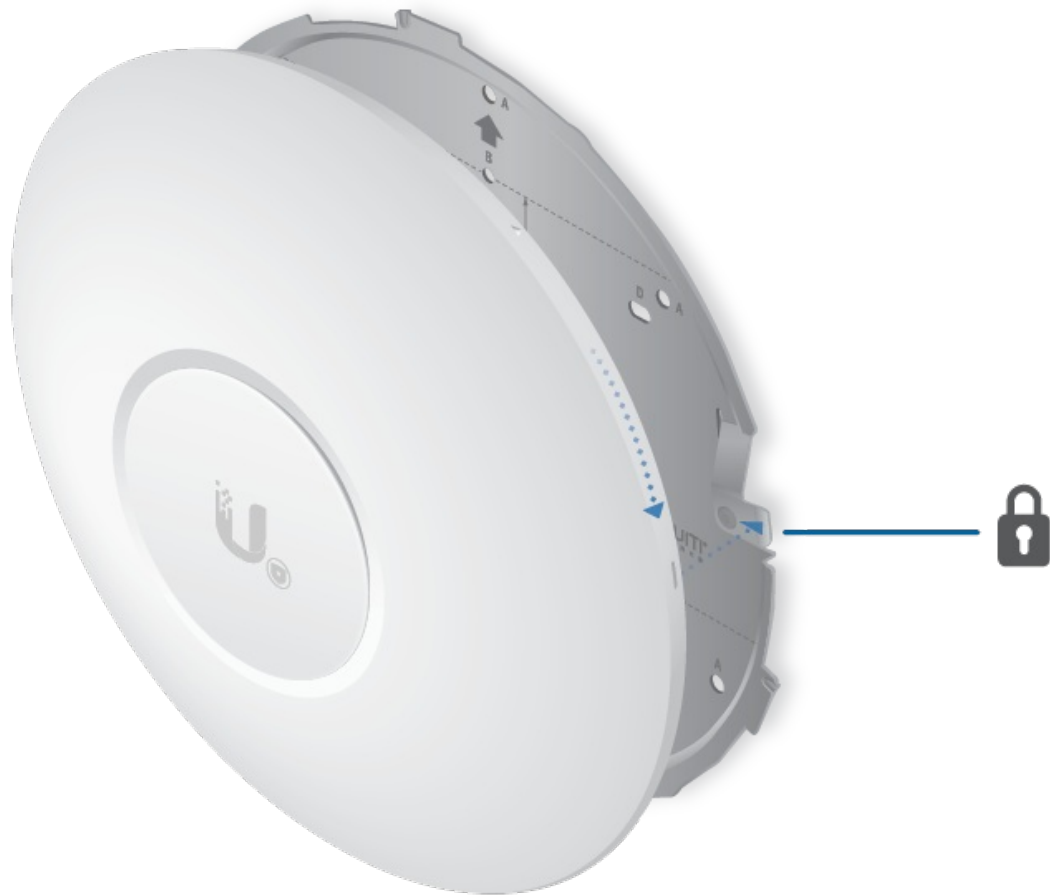
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Powering the UniFi AP

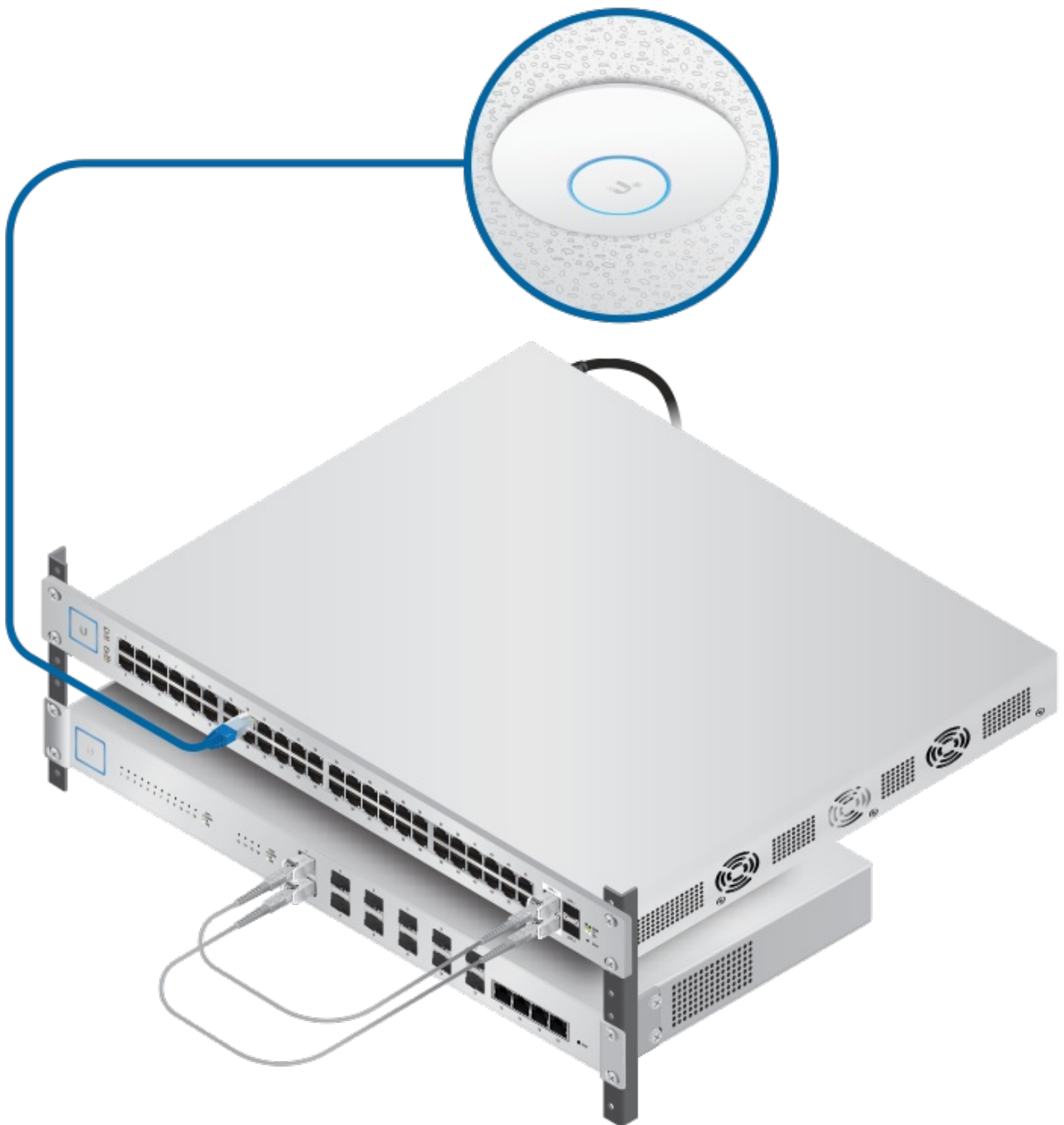
The UAP-AC-SHD features auto-sensing 802.3at PoE+ support and can be powered by any of the following:

- Ubiquiti UniFi Switch with 802.3at PoE+
- 802.3at PoE+ compliant switch
- Ubiquiti Gigabit PoE Adapter (48V, 0.5A)

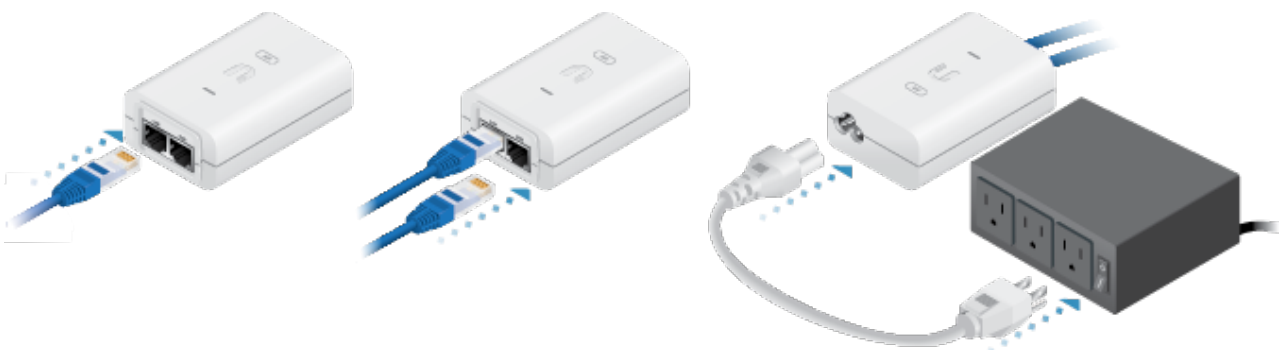
The single-pack of the UAP-AC-SHD includes one Gigabit PoE adapter. For multi-pack units, PoE adapters or a UniFi Switch with 802.3at PoE+ may be purchased separately.

Connecting to a PoE+ Switch

Connect the Ethernet cable from the UniFi AP directly to a PoE+ port on the switch.



IMPORTANT: The UAP-AC-SHD cannot be powered by the US-8 or US-8-60W; however, it can be powered by other UniFi PoE Switches that provide 802.3at PoE+ power.





Specifications

UAP-AC-SHD

Dimensions	220 x 220 x 48.1 mm (8.66 x 8.66 x 1.89")
Weight	700 g (1.54 lb)
with Mounting Kit	830 g (1.83 lb)
Networking Interface	(2) 10/100/1000 Ethernet Ports
Buttons	Reset
Power Method	PoE+ 802.3at
Power Supply	48V, 0.5A Gigabit PoE Adapter*
Max. Power Consumption	20W
Operating Frequency	2.4 GHz 5 GHz
Max. TX Power	

UAP-AC-SHD

2.4 GHz	25 dBm
5 GHz	25 dBm
Antennas	
2.4 GHz	(2) Dual-Polarity
5 GHz	(2) Dual-Polarity
Antenna Gain	
2.4 GHz	6 dBi
5 GHz	6 dBi
Wi-Fi Standards	802.11 a/b/g/n/ac/ac-wave2
Wireless Security	WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES)
Mounting	Wall/Ceiling/Junction Box (Kits Included)
Operating Temperature	-10 to 70° C (14 to 158° F)
Operating Humidity	5 to 95% Noncondensing
Certifications	CE, FCC, IC

* Included with the single-pack of the UAP-AC-SHD

Declaration of Conformity