

Remote AP (RAP) Setup Instructions

Model AP-315 with AC power adapter

Overview

The University of Colorado Colorado Springs (UCCS) Information Technology (IT) department is offering a limited program to certain staff who can benefit from the operation of a Remote AP (RAP). A RAP broadcasts the *UCCS-Wireless* wireless network just like on campus. When connected, it's as if you are working on campus and have access to on-campus resources without needing to use a VPN. All your traffic is securely tunneled back to campus by the RAP.

Requirements

You must have an Internet connection already established at your home – such as DSL or a Cable Modem. You must also have an available wired port on your router, cable modem, gateway or switch that has access to the Internet.

Services Provided

Your RAP will broadcast the *UCCS-Wireless* wireless network; the same network as on campus and will operate nearly exactly as it would on campus. Just like on campus, you will login/authenticate with your UCCS username and password when connecting to this wireless network.

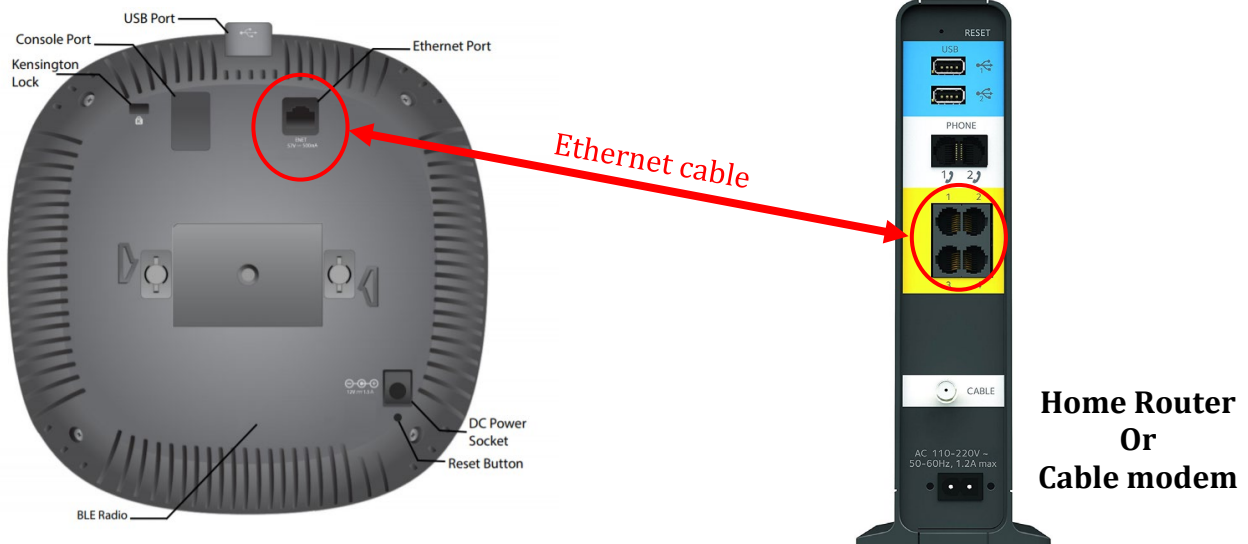
What's In The Box?

- A. 1x - Instruction sheet (digital versions available at <https://kb.uccs.edu/x/yQNeAg>)
- B. 1x - Remote AP (RAP)
 - Aruba AP-315
- C. 1x - Ethernet cable
 - Color may vary. *NOTE - It may already be attached to the RAP.*
- D. 1x – AC Power adapter with power cable
 - Specific make/model may vary.



Setup

1. Connect one end of the ethernet cable into the **ENET** port found on the back of the RAP.
2. Connect the other end of this ethernet cable into an available port on your home router or cable modem. This port must have internet access.



3. Connect the AC Power Adapter to the power socket port on the back of the RAP, and then plug the power adapter into an available electric outlet.



4. The RAP should start to power on. You can verify this by seeing a blinking **green** “system status” LED on the front of the RAP. When done booting, you should see the **UCCS-Wireless** wireless network being broadcast. You can check this by trying to connect to it with a wireless device.
- a. **NOTE:** It can take the RAP between 5-10 minutes to fully boot up. Wait until you see a **solid green** “system status” LED before trying to connect. The “system status” LED may also flash and alternate between **green** and **amber** if your uplink is less than 1Gb in speed (in which case the RAP will still be functional, but possibly with slower connection speeds).



Status LEDs

Left = System Status

Right = Radio Status

Using the RAP:

When powered up the RAP will broadcast the **UCCS-Wireless** wireless network. Connect to it as you would on campus using your UCCS username and password.

Support:

IMPORTANT: RAPs can get warm. Please do not cover the RAP, or block or restrict airflow around it. Keep the RAP upright on a desktop and unrestricted from airflow.

Basic Troubleshooting

- Verify the Ethernet cable is plugged into an active port on your home cable modem or router. This uplink port needs internet access.
- Be sure to give the RAP ample time to boot up before trying to connect to wireless. It can take 5 to 10 minutes to fully boot up and establish its connection back to campus.
- If you have given the RAP 10-15 minutes to fully boot and you still do not see the **UCCS-Wireless** network being broadcast, please contact the OIT help desk.
- Visit <https://oit.uccs.edu/get-help> for the various ways to contact the Help Desk.