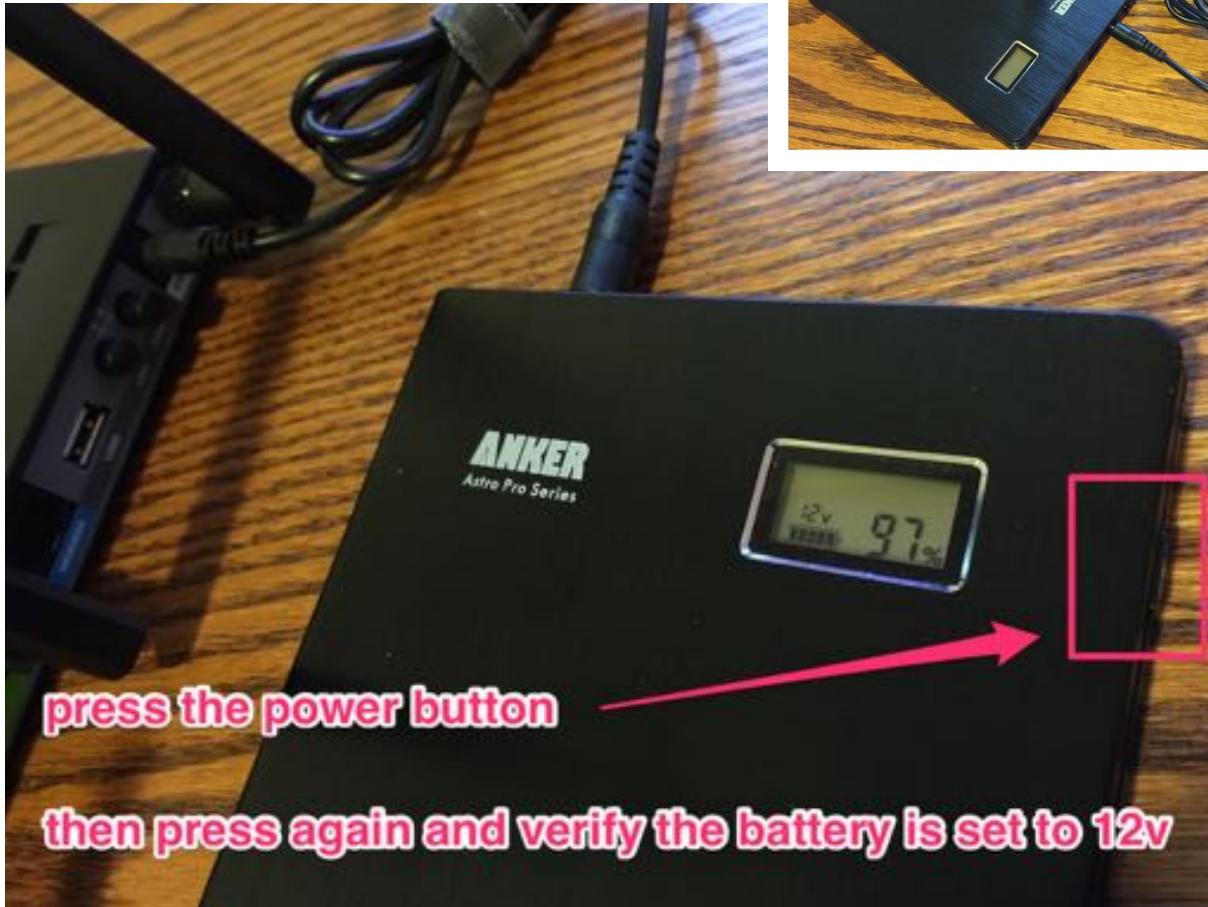


Router Setup Guide




- 1.** Unbox the Router and Battery
- 2.** Turn on the battery and verify the voltage is set to **12V**
(Press and hold power button to change)
- 3.** Plug the cable into the **DC OUTPUT** port on the battery and the power port on the router.
- 4.** Connect the Router's antennas if needed
- 5.** The lights on the router should start flashing and in a few minutes you can connect to the WiFi network
(if the lights don't come on, press the power button on the battery and make sure its charged)
- 6.** Make sure the power and led buttons are pressed on the back of the router.



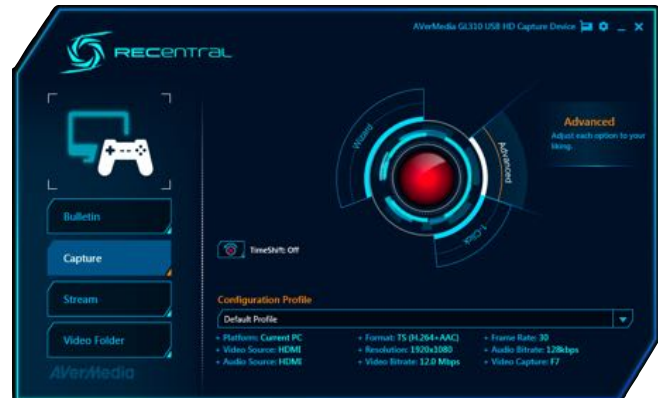
PC Software Setup Guide



1. Download and install **RECentral** from the echo support website: <http://www.echo1612.com/support>
2. Download and install **echo1612** to your desktop from the echo support website
3. Follow the **Camera Setup Guide** and turn on your **Camera**
4.  Launch the **RECentral** software on the computer
5. Click the **Capture** button on the left side

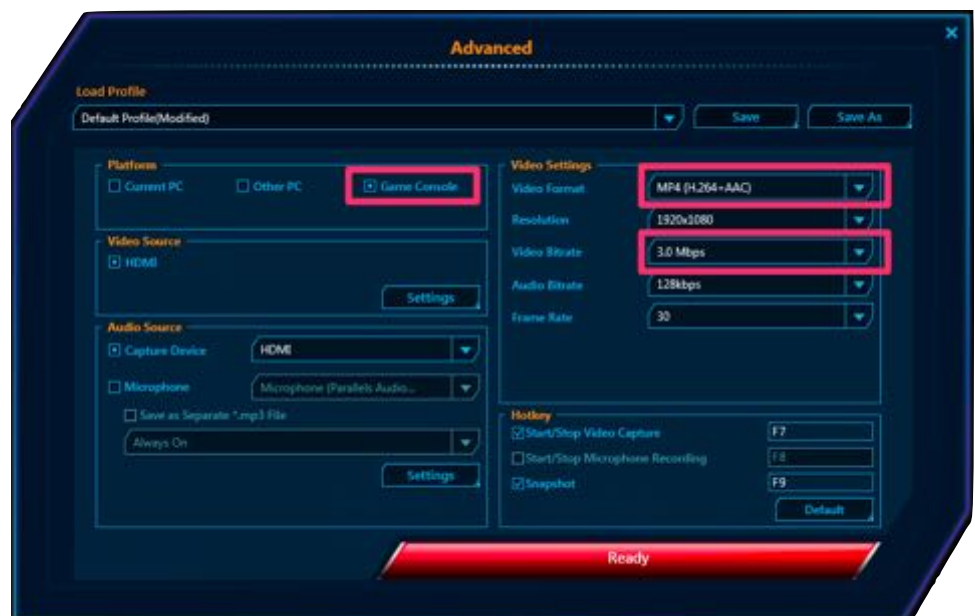


6. Click the **Advanced** button on the right of the red circle



7. Set the following
Platform: **Game Console** or **Other PC**
Format: **MP4 (H.264+AAC)**
Video Bitrate: **3.0 Mbps**

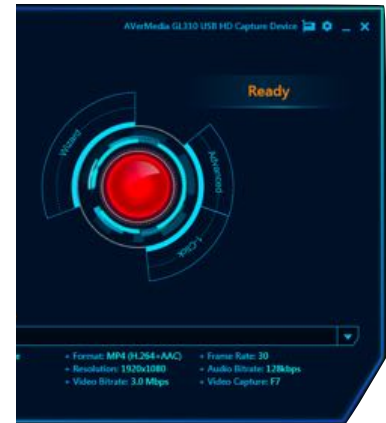
8. Press the **Save** button and click **Ready**



PC Software Setup Guide



- 9.** Verify these settings at the bottom of the screen
Platform: **Game Console** or **Other PC**
Format: **MP4 (H.264+AAC)**
Video Bitrate: **3.0 Mbps**




- 10.** Press the Red button and wait for the camera feed to display on the **RECentral** software
(if you hear feedback, mute the computer)

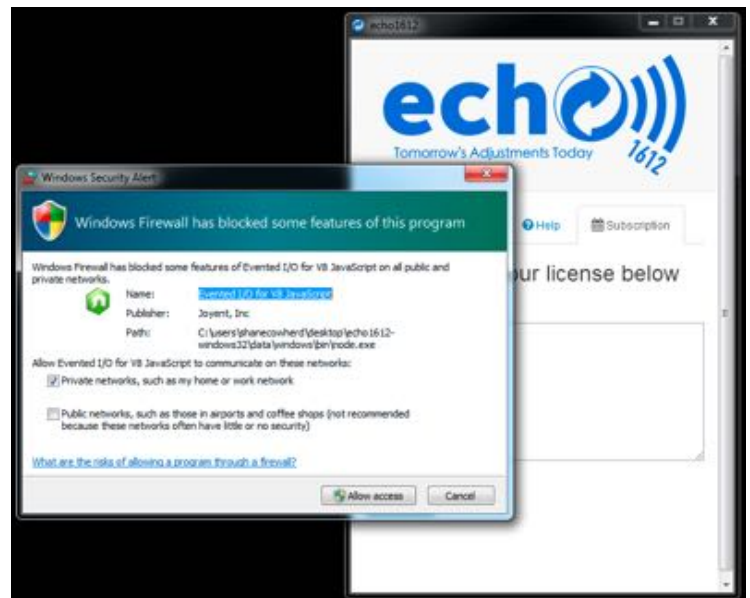
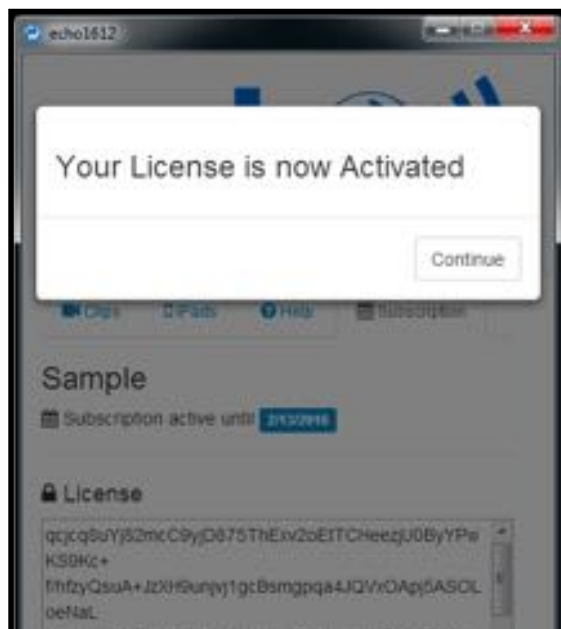


- 11.** Press the **REC** button to start and stop recording a clip
(you can also press the round glowing button on the AVerCapture box itself)

(you should see a 1-2 second delay. **It is important** that you stop recording after you see the play finish on the preview screen)

- 12.**  Launch the **echo** app on the computer

- 13.** **Allow access** on any firewall popups.
(if you use another firewall, please allow echo or disable the firewall)



- 14.** Enter your license key that was included in your welcome email.

- 15.** Follow the **Quickstart Guide: PC**

QuickStart Guide: PC



1. Launch the **RECentral** software on the computer

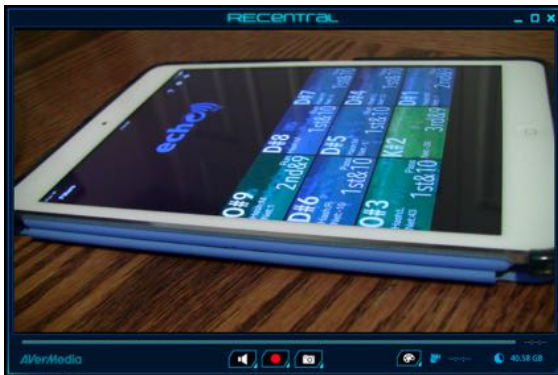



2. Click the **Capture** button on the left side

3. Verify at the bottom
Platform: **Game Console** or **Other PC**
Format: **MP4 (H.264+AAC)**
Video Bitrate: **3.0 Mbps**
(if these settings are different, please follow the **PC Software Setup Guide**)



4. Press the Red button and wait for the camera feed to display on the **RECentral** software
(if you hear feedback, mute the computer)



5.  Launch the **echo** app on the computer

6. Press the **REC** button to start and stop recording a clip
(you can also press the round glowing button on the AVerCapture box itself)

(you should see a 1-2 second delay. **It is important** that you stop recording after you see the play finish on the preview screen)

Connect your iPad

2. Connect the iPads to the **echo 5** wifi network

3. Start **echo1612** on the iPads

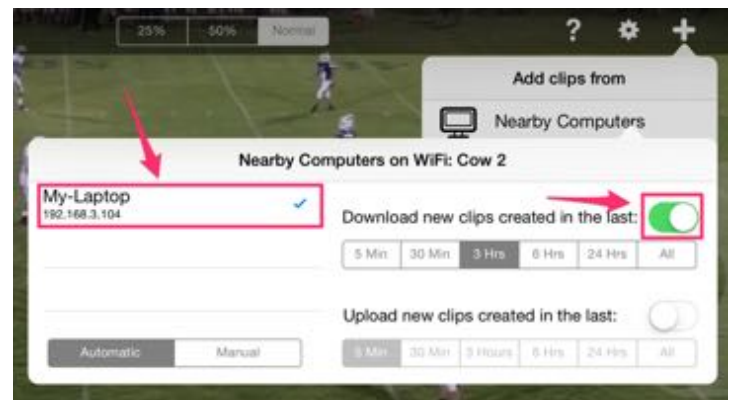
4. Tap the **Add Clips** button at the top of the screen and select **Nearby Computers**.

(If you see **SEARCHING** please follow the **Manual Connection guide**)

Now **select** your computer from the left and turn on **Download New Clips** and set the time to **ALL**.

(Any recorded video clips should start downloading)


1. Turn on your iPads and if needed install **echo1612** from the app store



Mac Software Setup Guide

1. Download and install **RECentral** from the echo support website: <http://www.echo1612.com/support>

2. Download and install **echo1612** to your desktop from the echo support website

3.  Launch the **RECentral** software on the computer

4. Follow the **Camera Setup Guide** and turn on your **Camera**

5. Wait for the camera feed to display on the **RECentral** software
(if you hear feedback, mute the computer)

6. Click the **Settings** button at the bottom
Click the **Enter** button



7. Click the **Capture** Tab
Click the **Video Settings** Tab
Set **Video Format** to **MP4**
Set **Video Bitrate** to **3 Mb**
Click **Save**
Close the window

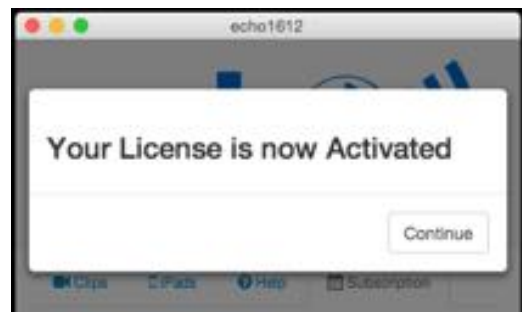


8. Click the **Circle** under the **Enter** button



9.  Launch the **echo** app on the computer

10. Enter your license key that was included in your welcome email.



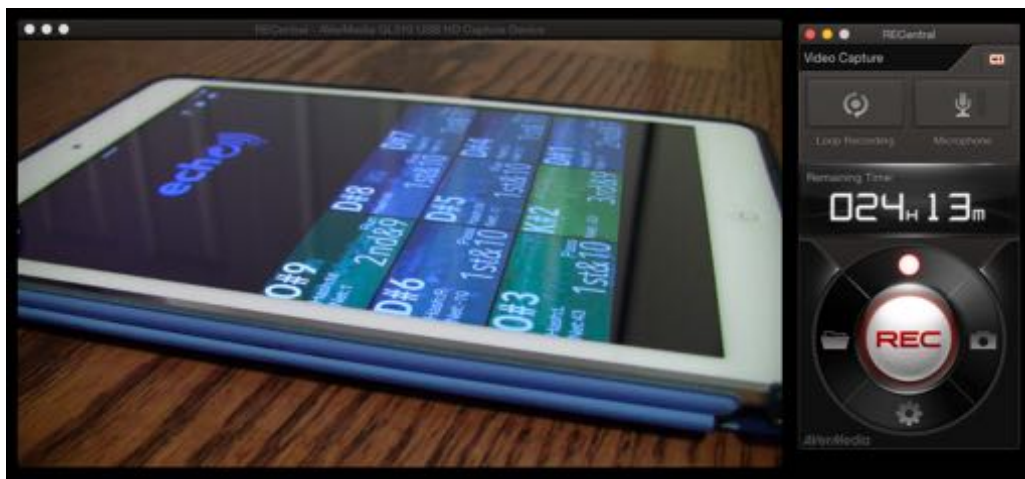
11. Follow the **Quickstart Guide: Mac**

QuickStart Guide: Mac



1. Launch the **RECentral** software on the computer

2. Wait for the camera feed to display on the **RECentral** software
(if you hear feedback, mute the computer)



(you should see a 1-2 second delay. It is **important** that you stop recording after you see the play finish on the preview screen)



3. Launch the **echo** app on the computer

4. Press the **REC** button to start and stop recording a clip
(you can also press the round glowing button on the AVerCapture box itself)

Connect your iPad 1. Turn on your iPads and if needed install **echo1612** from the app store

2. Connect the iPads to the **echo 5** wifi network

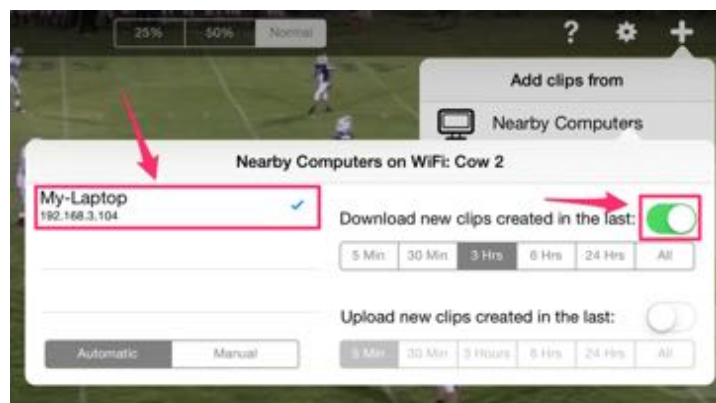
3. Start **echo1612** on the iPads

4. Tap the **Add Clips** button at the top of the screen and select **Nearby Computers**.

(If you see **SEARCHING** please follow the **Manual Connection guide**)

Now **select** your computer from the left and turn on **Download New Clips** and set the time to **ALL**.

(Any recorded video clips should start downloading)



Camera Setup Guide

Please follow the Software Setup Guide before continuing.

- 1.** Turn on the Router using the **Router Setup Guide**
- 2.** Connect the computer to the **echo 5** wifi network or to the router using a **cat 5** cable
- 3.** Plug the **USB cable** into the **AVerCapture HD** box
- 4.** Plug a **HDMI cable** into the **AVerCapture HD** box's **IN** port
- 5.** Plug the **AVerCapture HD's USB cable** into the computer
- 6.** (if required) use a **mini HDMI adapter** to connect the **HDMI cable** to the **Camera**
- 7.** Plug the **HDMI cable** into the **Camera**

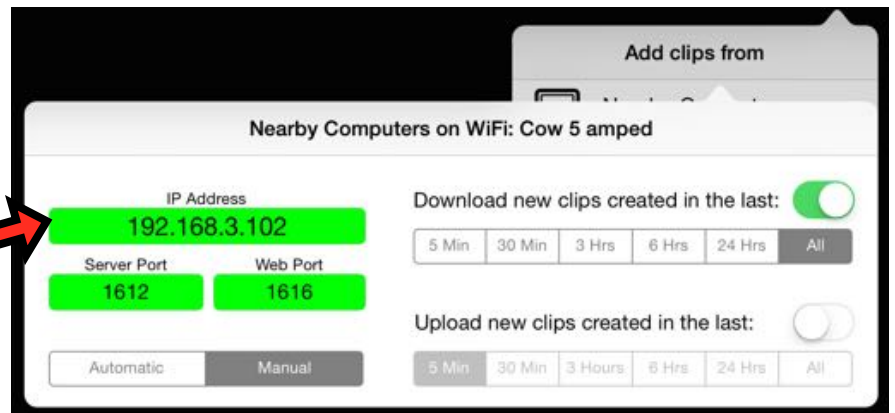
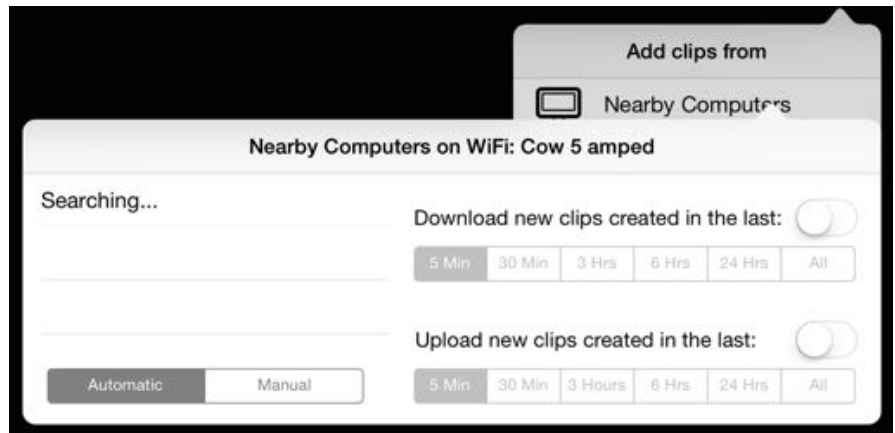


- 8.** The camera should now be connected to the computer
- 9.** Turn the camera on and make sure HDMI mirroring is enabled (If you see video in the **RECentral** software then mirroring is enabled)

Manual Connection



1. If you only see **Searching** then click the **Manual** button
2. Verify that the iPad and Computer are on the **echo 5** wifi or connected to the router with a **cat 5** cable.
3. Open the **echo** app on the computer and click the **Help** tab.
4. Type the **Server IP** from the computer into the **IP Address** field on the iPad



5. On the iPad **Turn On** download new clips and set the time to **ALL**.
6. Any recorded clips should start appearing on the iPad.

Tips

If your IP address changes on the computer, you will need to update the iPads.

If you still can't connect, make sure your computer's firewall is not blocking echo.

A typical IP address is: 192.168.3.10X

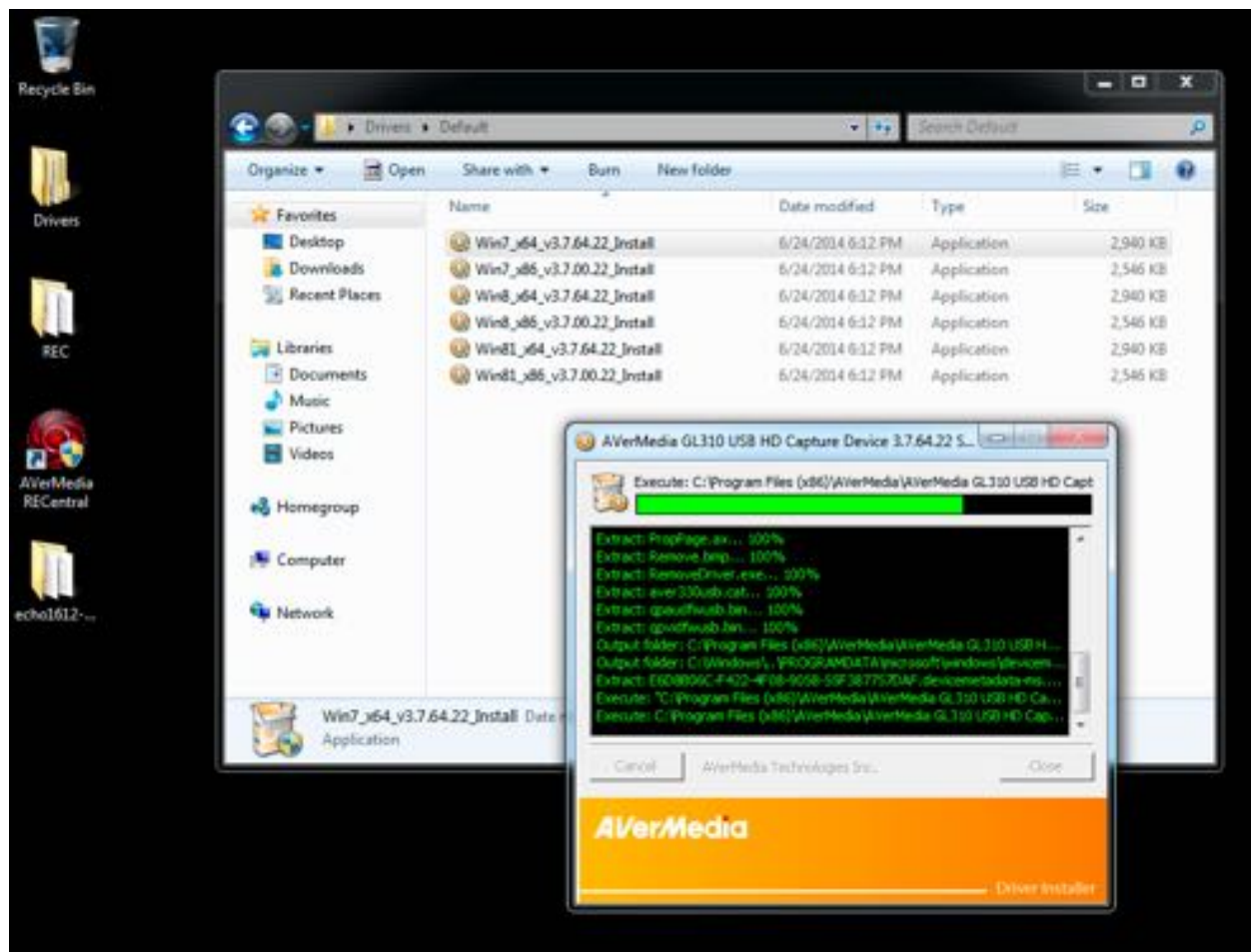
Make sure you are connected to the same network.

PC Software Setup Guide

Tips

If your AVerCapture HD is not detected and the AVerCapture box has a blue spinning light

1. Close RECentral
2. Unplug your AVerCapture HD
3. Open the **Drivers** folder on your desktop
4. Open the **Default** folder
5. Run the installer that corresponds to your computer (Win7_x64 if you are unsure)
6. Restart your computer
7. Start RECentral
8. Plugin your AVerCapture HD



echo 5 WiFi



echo 5 runs on a 5GHZ frequency while echo 2 runs on a 2GHZ frequency.

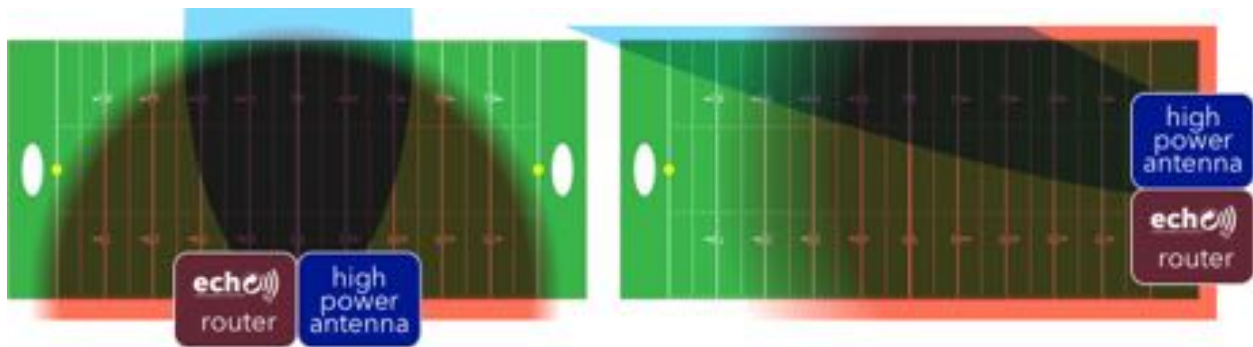
We recommend you connect to the **echo 5** wifi network on your iPads.

If your computer can't see **echo 5** wifi and can only see **echo 2** then we recommend connecting the computer to the router with a **cat 5** cable.

Plug the **cat 5** cable into **Port 1** on the router and the **cat 5 port** on your laptop.



High Power Antenna



Connect your antenna to your router's antenna port closest to the **power cable**.

Point your antenna towards the coaches on the sidelines.

It is recommended that you keep your antenna 10 feet away from your headset antennas.

Router Programming Guide

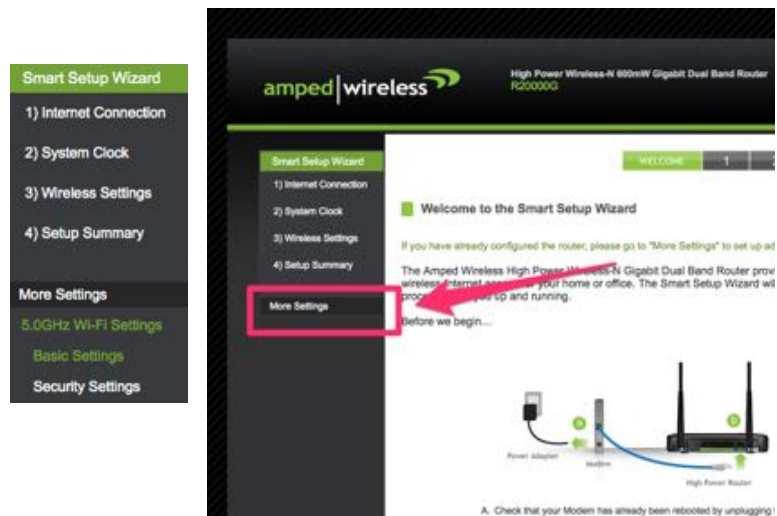


Your router is already programmed, this is just for reference.

1. Power on the router and connect to the WiFi network **Amped_5.0GHz** (the password is **wireless**)



2. In your browser goto: <http://192.168.3.1> (login: admin pass: admin)



3. On the left menu bar, click **More Settings** then **5.0GHz WiFi Settings** then **Basic Settings**

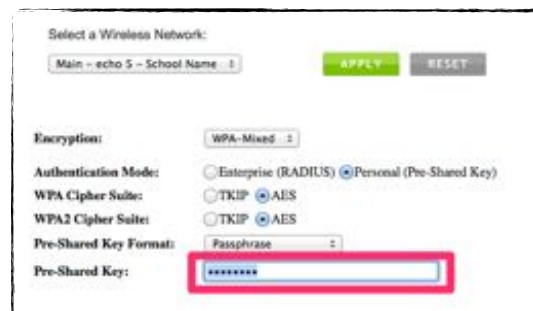


4. Change the SSID to **echo 5 - School Name** and press **APPLY**

5. Press **Reboot Later**



6. Now click **Security Settings** on the left



7. Change the **Pre-Shared Key** to **touchdown** and press **APPLY**

8. Press **Reboot Later**



9. Repeat steps 3-8 for the 2.4GHz Wi-Fi Settings except you will change the SSID to **echo 2.4 - School Name** and you will Press **Reboot Now** on Step 8

Router Password Guide

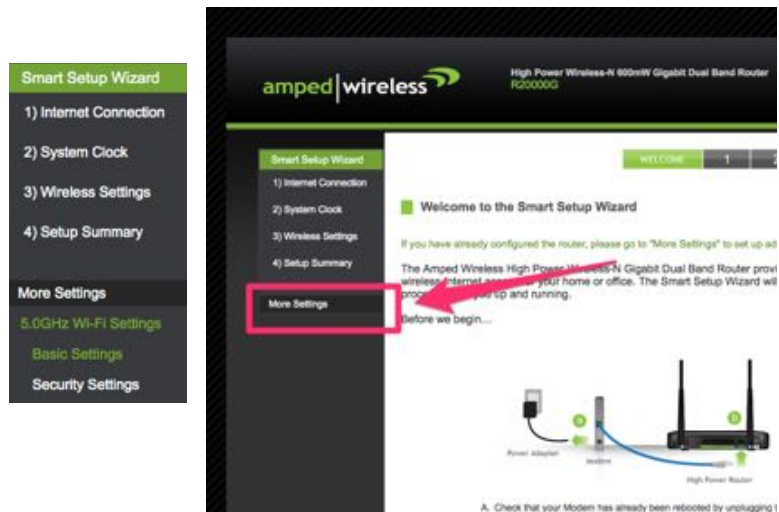
This guide will help you change your wireless network password.

Your router is already programmed, this is just for reference.

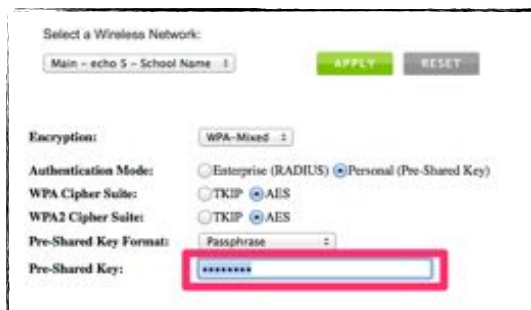
1. Power on the router and connect to the WiFi network **echo 5 - School Name** (the password is included with your school license)



2. In your browser goto: <http://192.168.3.1> (login: admin pass: admin)



3. On the left menu bar, click **More Settings** then **5.0GHz Wi-Fi Settings** then **Security Settings**



4. Change the **Pre-Shared Key** to **YOURPASSWORD** and press **APPLY**

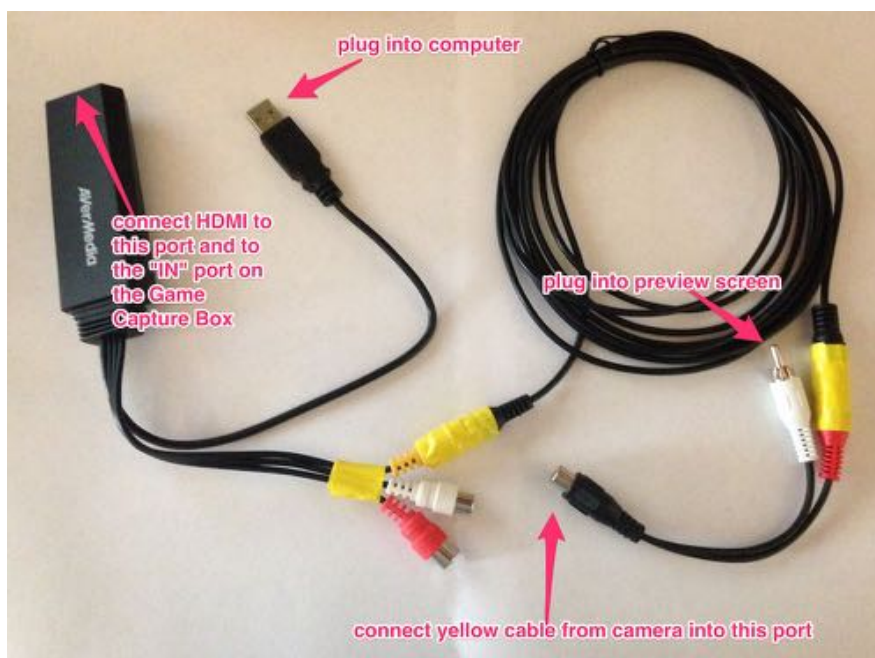
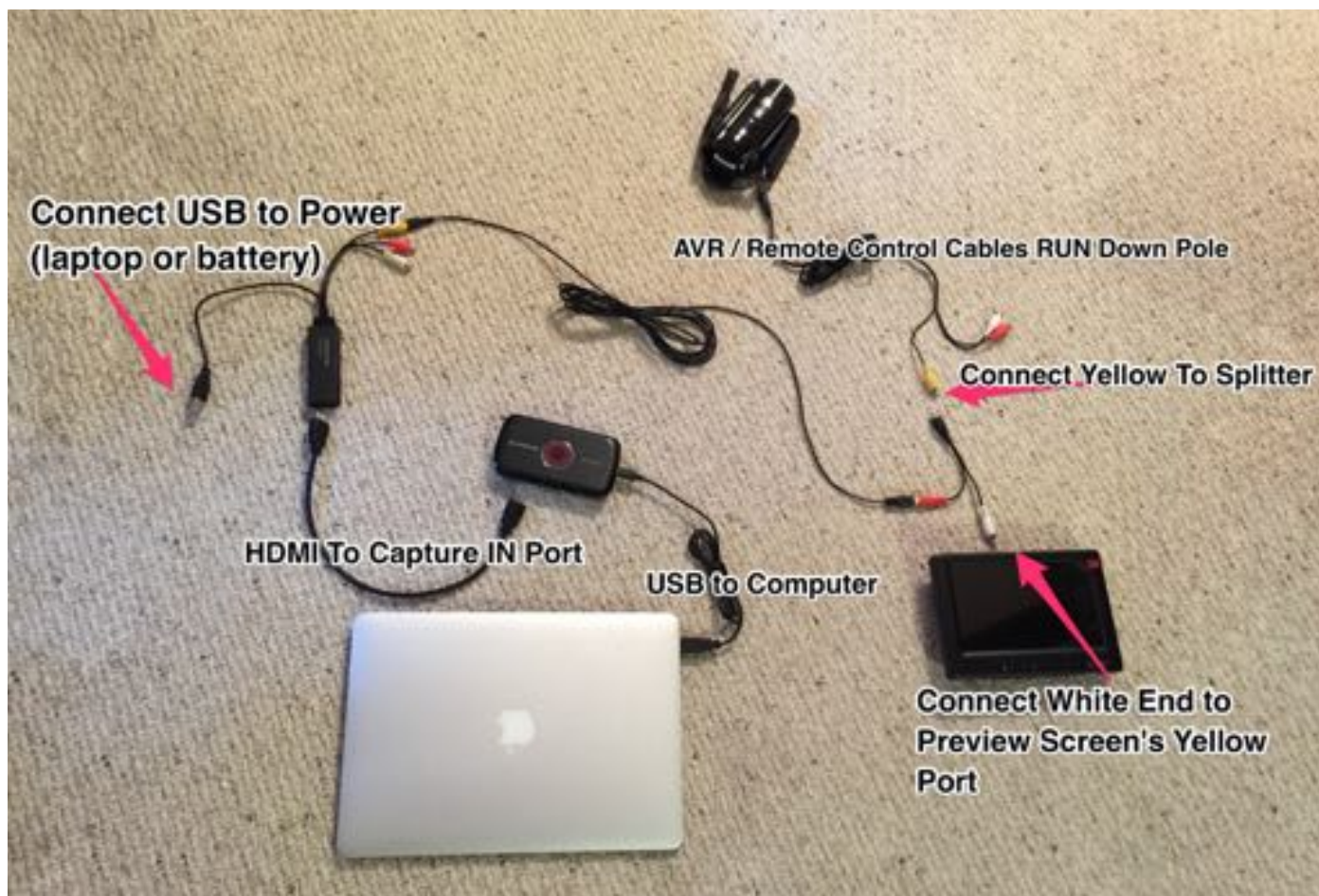
5. Press **Reboot Later**



6. Repeat steps 3 and 4 for the **2.4GHz Wi-Fi Settings** and you will Press **Reboot Now** on Step 5

Endzone Setup - RCA

This is how you plug in your endzone camera if your **preview screen DOES NOT have a HDMI port**.
(If you do not have a SD Conversion kit, please contact us and we will ship you one for free.)



Endzone Setup - HDMI

This is how you plug in your endzone camera if your **preview screen** has a HDMI port.

