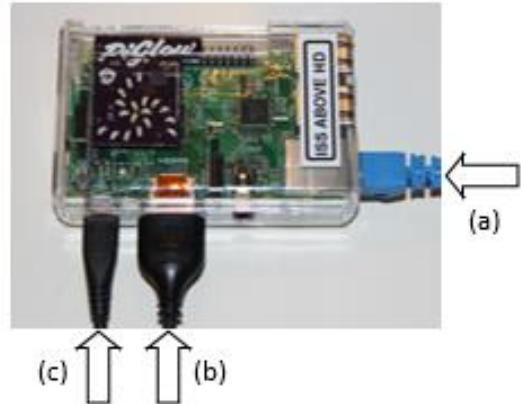# ISS-Above HD: Quickstart Guide

You will need:

· 1 Ethernet cable

· 1 HDMI cable

Included are:

· ISS-Above device

· Micro USB power cable

· WiFi dongle (if you purchased one)

Part 1 - Starting your ISS-Above

1. Plug in the Ethernet Cable at (a) connecting the ISS-Above to your Router

2. Plug an HDMI cable into your TV or monitor and into the ISS-Above at (b). Turn on your TV and set it to the right HDMI input prior to step 3 otherwise NOTHING will display on the TV and you will have to restart the ISS-Above.

3. Plug in the Micro USB power cable at (c). You should see a bunch of code scrolling on your TV followed by ISS-Above display screens. The PiGlow will do a swirl of colors. The start-up takes about 2 minutes. You're on!

4. Make a note of the IP address of your ISS-Above. You will need it in a moment to set up your location. Your IP address will appear on the screen after the // on the following message:

Location unconfigured go to http://(ip address)

NOTE: If you get a message that says **Location unconfigured connect to LAN**, then you forgot to do Step 1. Plug your ISS-Above into your router with an Ethernet Cable.

5. About 2 minutes after power up, go to your computer, open up a browser and type in:
http://(ip address) e.g. http://192.168.1.84
You will see a first time setup screen where you will set your location.

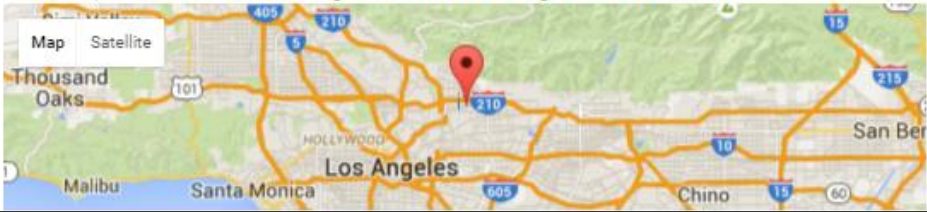## Part 2 - Setting or changing the location of your ISS-Above

Your screen should look like the one below. Enter your address in **Enter place to search for** (City and State will suffice) and click **SEARCH**. Please do NOT press the Enter/Return key.

FIRST TIME SETUP
Congratulations - you are the new owner of an ISS-Above
Please set your location using the map below.
Enter your address (just your city/state/country will be sufficient) and click the search button
The click the UPDATE button below

Change your ISS-Above location:
The red marker shows your currently selected location. You can change the location by either;
1. Searching for a place name.
2. Dragging the marker or clicking on a new location on the map.

Enter place to search for		Search

Use the mouse to drag the map, and if you have a mouse wheel, you can use it to zoom in and out, otherwise, use the controls in the top left corner of the map to zoom and scroll.
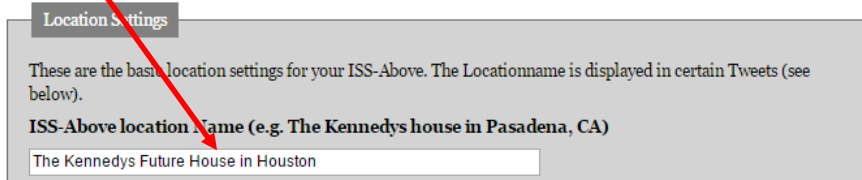
Latitude	34.1437	degrees
Longitude	-118.1103	degrees
Altitude	227	meters
Timezone	America/Chicago	

Update

If the map looks right, click the **UPDATE** button. Your ISS-Above will restart automatically with the new location settings. Now when you see the information screens, all the data will be accurate for your location. The website changes to the **/settings2** page.

Complete your location setup by naming the location of your ISS-Above. as described on the next page of this booklet.

Now, you need to name your location. The name will be included in your Tweets. Set the name here.

Scroll down to the Section that says **Overflight Mode Manual Tweets**. You can then make up your own (friendly) Tweets.
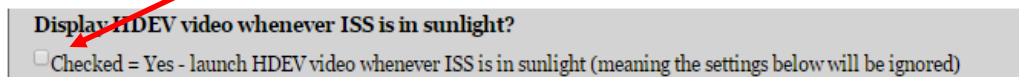
Finally scroll right to the bottom of the screen and click **Save Settings**.

Part 3 - OPTIONAL: De-activating the video streaming from NASA's High Definition Earth Viewing Experiment (HDEV)

Note: *Because your ISS-Above knows when the space station is in sunlight it will only display the video feed for 1/2 of each ISS orbit (46 minutes at a time). This is normal. The video feed is not always available from NASA and it will occasionally be unavailable for a period of time.*

Viewing the video requires appropriate internet bandwidth and you may be charged extra for utilization based upon your particular plan. Please check with your internet service provider.

 The video feed is initially **ENABLED**. Disable it via a simple setting on the **http://(ip address)/settings2** page (scroll to near the bottom of the page to the section **HDEV Live HD for the ISS**).   Just uncheck the box for **HDEV Live Video Enabled?** Then click the **Save Settings** button at the bottom of the page.

IMPORTANT NOTE: Please register your ISS-Above at:

www.issabove.com/register

to receive important communications about the ISS-Above.

POWER OFF (IMPORTANT)

There is NO on/off switch on the ISS-Above.
While you can just pull the power, it's not really recommended as it can corrupt the SD card if you do that at the wrong moment.
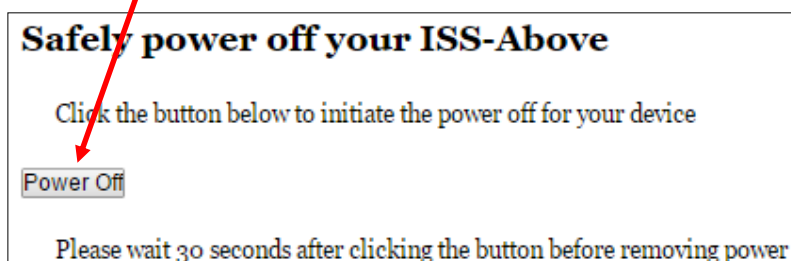There is a better way to turn off your ISS-Above.

Just open your browser (on your desktop or mobile phone) while it is connected to the same network as your ISS-Above, and access this page:

http://(ip address)/admin

Enter the username **admin** and password **nasa**
(Note: you can change the password if you wish)

Click on the menu link for **Turn off your ISS-Above** and a page will come up as shown below: Just click the **Power Off** button

Safely power off your ISS-Above

Click the button below to initiate the power off for your device

Power Off

Please wait 30 seconds after clicking the button before removing power

and your ISS-Above will begin powering off. As mentioned you should wait at least 30 seconds before you actually unplug your device from the power. Additional setup options available in the **/admin** menu.

KEEP THIS BOOKLET NEAR YOUR ISS-ABOVE. Make a note of your IP Address here:

IP Address:_____

If your IP address changes, the new IP address will show on the ISS-Above information screens.

If you have ANY questions at all, please email me. THANK YOU!
support@issabove.com