How to use your ISS-ABOVE

1. **Your PiGlow**
2. **Live Video**
3. **Informational Screens**

For more detailed information, visit issabove.com/support

1. Your PiGlow

It's your visual signal of how far way the ISS is.

Count the colored flashes to tell you how long it is until the ISS passes overhead. The number of flashes tells you:

If it's flashing ***RED:***
the # of **hours** to go

If it's flashing ***GREEN***:
the # of **10 minute** intervals to go

If it's flashing ***BLUE***:
the number of **minutes** to go

If it's flashing **all different colors** that means the ISS is ABOVE you RIGHT NOW!!

2. Live Video

− *from NASA's High Definition Earth Viewing Experiment (HDEV)*

With your ISS-Above connected to a TV or HDMI monitor, you will be able to view LIVE HD video via the ISS' Live HD Earth Viewing Experiment cameras that provide stunning views of the earth **whenever the ISS is in sunlight**.

As the ISS orbits in 92 minutes, you will see live video for 46 minutes in every 92.

There are **four cameras** on the ISS—one faces in the direction the ISS is moving, one faces downwards

and two face to the rear. You will be able to see parts of the ISS, specifically where the supply vehicles dock. You might even catch them arriving and leaving! You may also see the moon (it rises and sets very fast from an astronaut's point of view).

ISS-Above also displays the location on Earth that is directly below, in the bottom left of the screen.

When the video feed is not available, the information screens will show until the live feed is available again.

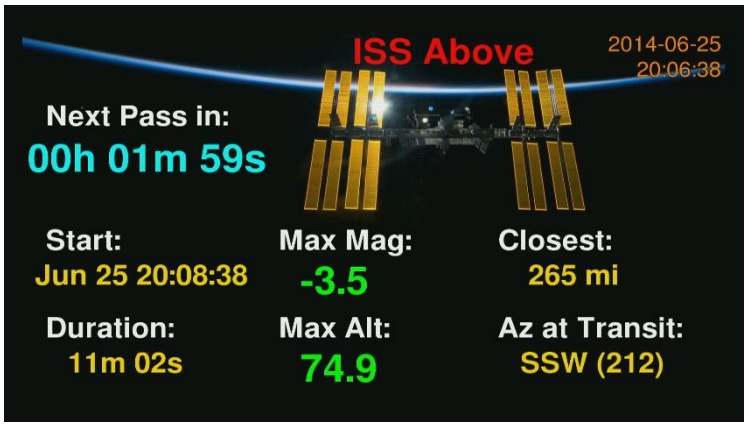
Note that the live feed can sometimes be unavailable for a period of time.

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

3. Informational Screens

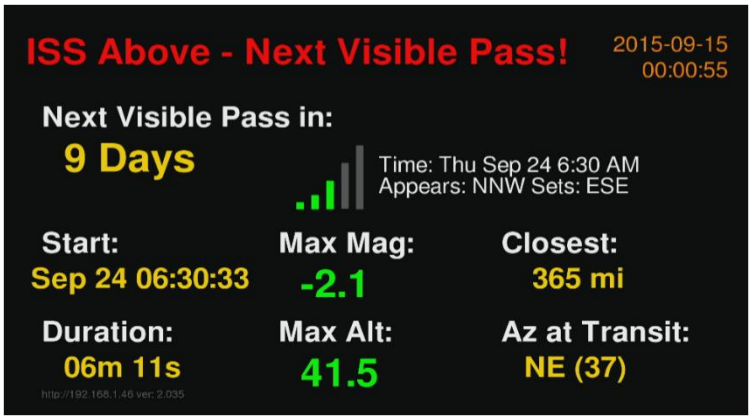
Below are examples of some of the information screens about the ISS that will be displayed on your TV/Monitor.

This one shows details of the next pass.



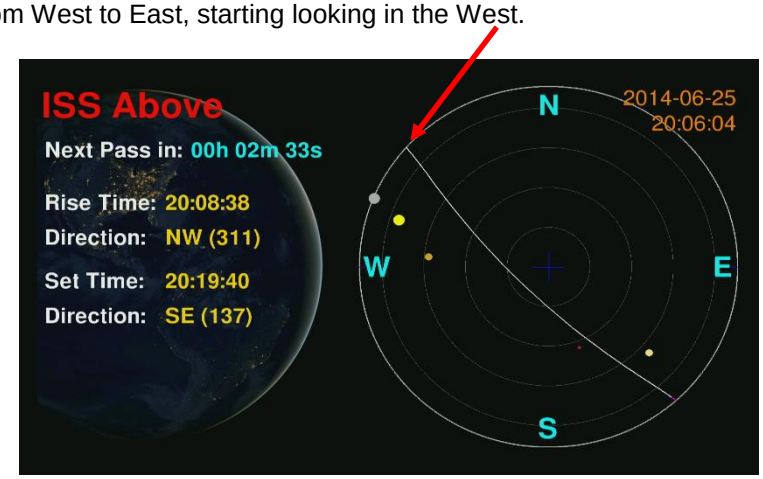
The screen below shows when the next VISIBLE pass will occur. Although the ISS is in your skies 6-8 times per day, it's not always visible (in bright daylight or nighttime).

Mostly you will see it around dawn and dusk, when its solar panels catch the sunlight, but the sky is not too bright. That's your time to run out and see it.



This one shows a “sky map” of the pass. You can see the path of the ISS from when it rises to when it sets. During an active pass this display will show the position of the ISS in your sky. If it’s a VISIBLE pass (see prior screen), you will be able to go outside and look for it.

As the ISS orbits from West to East, starting looking in the West.



The screen below shows where the ISS is currently on the world map—along with the orbit pass (from 30 minutes in the past to 1.5 hours in the future). Where the orbit line is yellow, the ISS is in sunlight; where it is blue, the ISS is in darkness. The red dot marks your position.