



echo 

uAvionix Echo Installer App

QUICK START GUIDE

Quick Start Guide

The uAvionix Echo Installer allows configuration of an Echo ADS-B device with the aircraft's unique information for broadcast during flight.

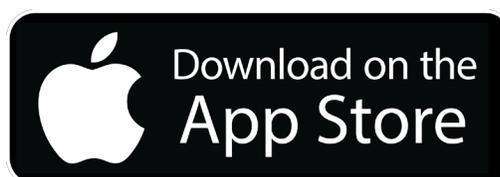
- 1. Install**
- 2. Join**
- 3. Launch**
- 4. Configure**
- 5. Commit**
- 6. Confirm**



Install

1

Install the uAvionix Echo App from the Apple App Store and Google Play. Search for **uAvionix echo installer** or use the QR code below.





Join

2

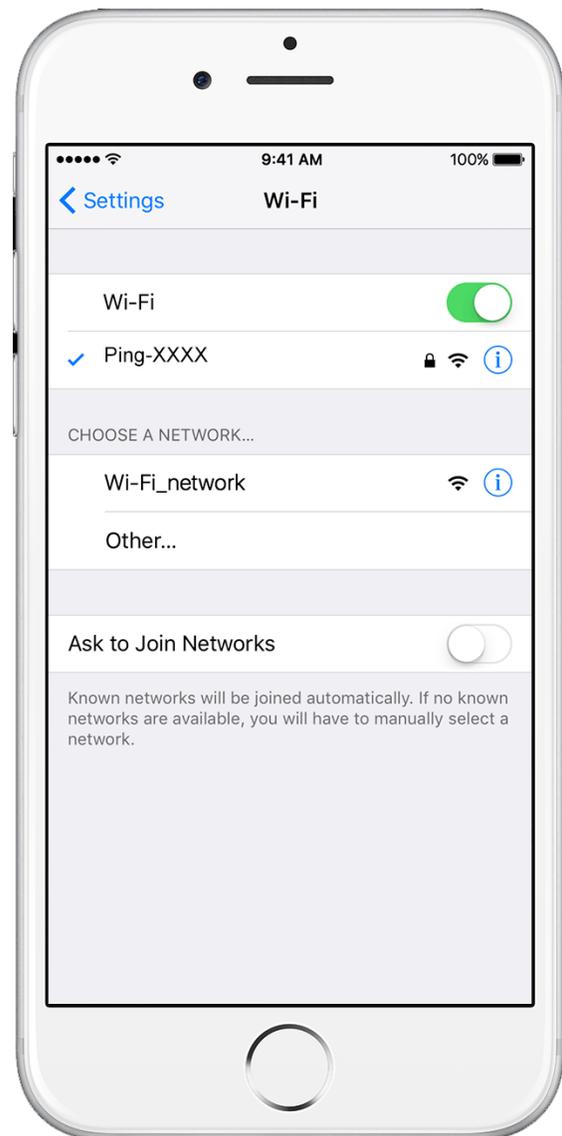
Join your mobile device to the wireless network named Echo-XXXX using the procedure for your device. The WPA passphrase is **uavionix**. The process for iOS is shown below. Echo will need to be powered on for the following steps.

Go to **Settings > Wi-Fi**, and verify Wi-Fi is turned on.

Tap the SSID **Ping-XXXX**, where XXXX is a random string i.e. Echo-6AFB.

Enter **uavionix** as the WPA password for the secure Wi-Fi network, then tap **Join**

Once your device is connected proceed to step 3.





Launch

3

Launch the **uAvionix Echo Installer**



If you see

Connected to Device

Continue to step 4



If you see

Please Connect to Echo-XXXX Wi-Fi Network in Settings

Return to Step 2

Other GDL90 applications such as ForeFlight and SkyDemon need to be closed prior to launching the Echo application.





Configure

4

echo
CONNECTED TO DEVICE

Configuration | Monitor

Selected Device Type:
ATT-20B SkyEcho

Control:
1090ES TX enabled

ICAO Number (hex):
A00001

Call Sign:
ECHO20B

Emitter Category:
Light Airplane

V_{so} (knots):
1

Aircraft Length (meters):
L ≤ 15

Aircraft Width (meters):
W ≤ 23

GPS Antenna Offset, Lateral from roll axis (meters):
0

GPS Antenna Offset, Longitudinal aft from aircraft nose (meters):
0

Update

Configure each field to match your aircraft.

Configuration must be selected to view the fields.

Device: Select your device type.

Control: Enables Transmit, Receive only or Standby.

ICAO: Enter your ICAO Number in Hexidecimal format. If your identifier is in octal (eight digits) format you must convert it prior to entry.

Call Sign: Enter the tail number of the aircraft. (A-Z 0-9)

Emitter: This should be set to your airplane type. Typically Light Airplane, for small single engine aircraft.

V_{so}: Enter airspeed in knots that the aircraft typically flies at after takeoff.

Aircraft Length: Select the length value in meters that matches your aircraft.

Aircraft Width: Select the width value in meters that matches your aircraft.

GPS Antenna Offsets: Choose the lateral and longitudinal offset in meters from the nose of your aircraft.

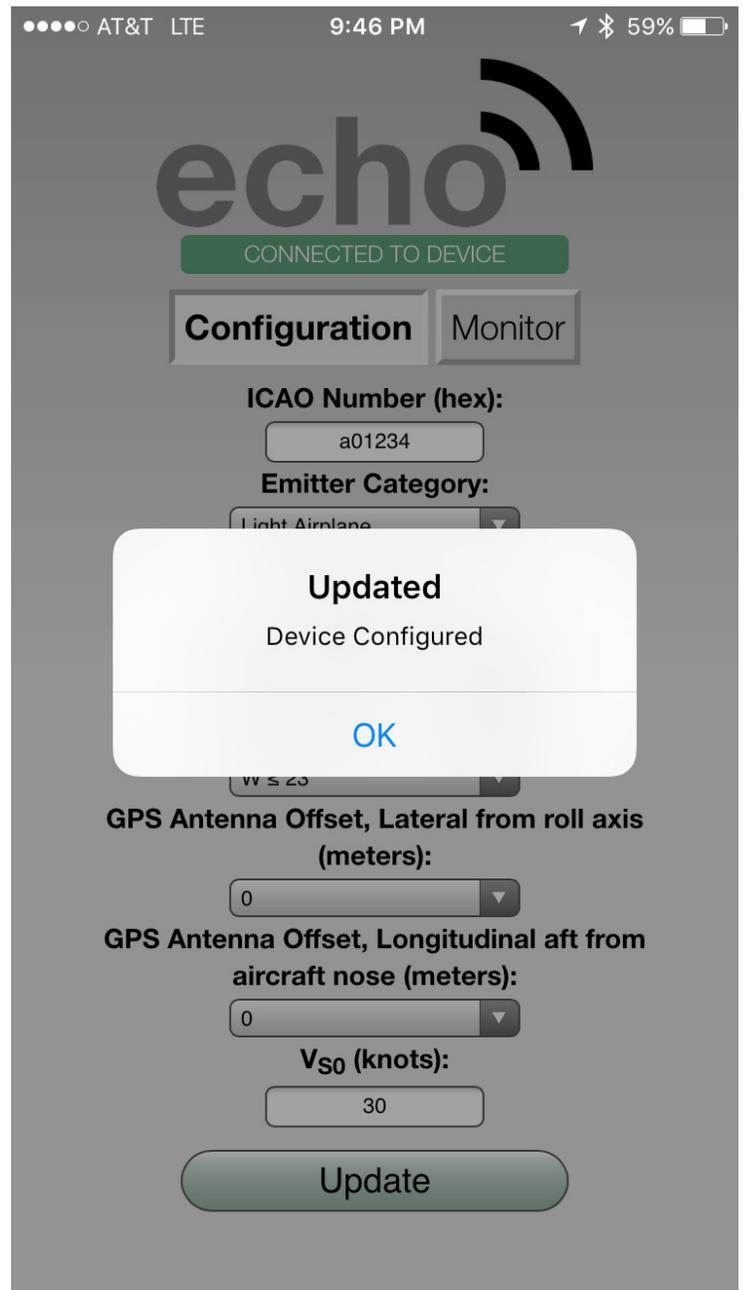


Commit

5

After completing all data fields click the **Update** button.

You should receive the **Device Configured** message, tap **OK**.





Confirm

6

Select **Monitor** just below the Echo logo.

Confirm the following fields match the information for your aircraft.

Address/ICAO
Callsign/Tail Number
Emmitter Category

Notes: Position data will not populate unless the GPS has a valid fix.

Additional support is available from:

uavionix.com/support/

