iPad Requirements for Lotic AIM Data Collection
Updated: March 2023

Lotic AIM data collection requires the use of iPads. The recommended setup for Lotic AIM is an iPad Air (5th Gen) 256 GB Wi-Fi and cellular enabled device with a minimum 5 GB/month data plan.

If electronic data capture setups differ from this, iPads must meet the following specifications:

- At minimum users must have iPad Air (4th Gen or later) or iPad Pros 12.9in (5th Gen or later) or 11in (3rd Gen or later).
- iPads **MUST be the <u>Wi-Fi + Cellular</u> model** (network provider doesn't matter). This is required for the iPad GPS to work. Wi-Fi only iPads <u>do not</u> have a GPS chip.
- iPads must have a cellular data plan with a minimum of 5 GB of data per month and an associated simcard. Crews that rely on using their iPads like a computer to do everything all season, including sending data, calling in to post trip calls to debrief, and or mid/end of season check ins should consider opting for a larger data plan (>5GB/month). Teams calls have been known to consume a significant amount of data. Crews should utilize Wi-Fi to upload and download files to minimize data plan usage.
- Minimum storage space on iPads is 128 GB minimum. Maps, data, apps and other crew resources tend to eat up a significant amount of this space, so we recommend opting for more storage space on the iPad itself.
- Buying refurbished iPads is a common practice to upgrade your device without being too costly. Not all "refurbished" iPads are the same, so do your research before buying. Only purchase refurbished iPads if they have had their batteries replaced.

iPad Accessories – see [Lotic AIM Gear List](#)

- Be sure to verify that the required Flash Drive you purchase for data backup is compatible with your model of iPad (i.e., USB Type-C vs Lightning style connectors).
- A waterproof case, heavy duty straps, and battery pack are <u>HIGHLY</u> recommended for all iPads.

Required iPad Applications and Application Setup

- All applications that are needed will be compatible with the above suggested iPads
- See the newest version of the [Lotic Technology and Applications Manual](#) for specific applications and information on how to set up your iPad for the field season. This takes about an hour to set up each iPad.