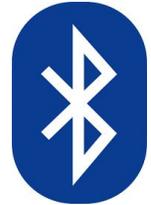


Capture App Quick Start Guide



Checklist - Using the Capture App requires:

- ❑ iOS Device (*Apple iPhone, iTouch, or iPad*)
 - ❑ Turn on your iOS device's Bluetooth
- ❑ Capture by beadedstream iOS app ([App Store Download Link](#))
 - ❑ Make sure that you have the latest version of the app
- ❑ Magnet (not required for buoy or D605 loggers)
- ❑ Logger
- ❑ [Optional] Turn on your iOS device's mail app (*if not already setup*)
 - iOS Settings -> Mail icon -> Accounts -> Add Account OR select an active account and turn on the mail app icon (*ex. Gmail, Outlook, other email account*)



Logger Installation Checklist (for D505 and D605 loggers)

These are some hardware setup best practices before deploying a logger with the Capture App:

Site:

- Wash hands prior to touching gear to not attract animals.

Loggers:

- Face the logger so the solar panel can get the most sunlight during its deployment.
 - Orient logger towards true south (northern hemisphere) or true north (southern hemisphere).
- Ensure the top of the logger has a clear view of the sky (no overhead obstructions).
 - Logger should be vertical (satellite antenna is inside top part of the logger and facing up).
- Mount logger above yearly maximum snow and/or water levels.

Cables:

- Connect temperature cable/s so you hear the “click”.
 - Pull down lightly on the cable/s to ensure the connector is locked into the logger’s bulkhead receptacle.
 - The connectors are “keyed” and can only be inserted when rotated to the correct position. Dot indicators are usually present on both the cable connector and bulkhead.
- Secure cables (zip ties are typically used if conduit isn’t present).



This logger is ready to go

For buoy loggers, mooring instructions are provided separately.

Collect data now (spot reading)

Taking a Reading

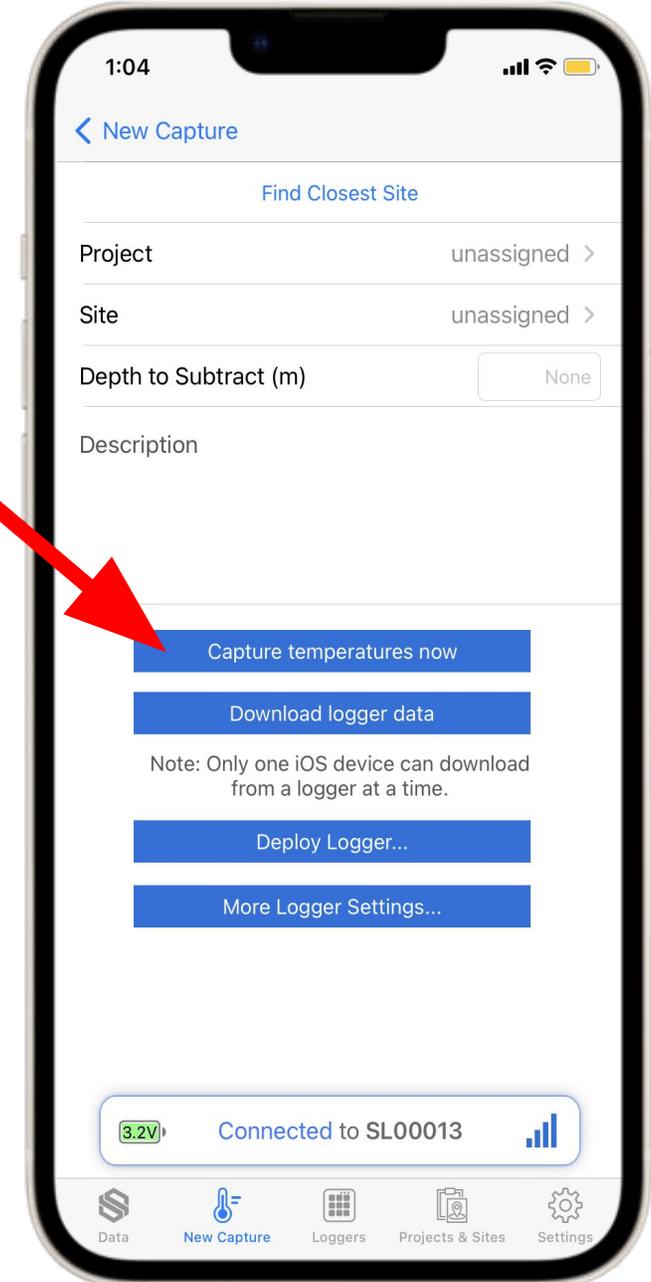
1. Open the Capture App.
2. Select “New Capture” from the menu on the bottom.
3. Swipe magnet for D505 and Torpedo handheld loggers.
 - a. No magnet swipe is required for D605 or buoy loggers but it will help them connect more quickly.
4. Select your logger (ex. *D5050XXX* or *D6050XXX*).
5. (Optional) Select Project (*Use steps below to create a new project*).
6. (Optional) Select Site (*Use steps below to create a new site*).
7. Select the “Capture Temperatures Now” blue button.

You should now see the temperatures that were just captured by this logger.

Email the data*

1. Select the “Data” button from the bottom menu.
2. Select Cable Readings.
3. Select the “Select” hyperlink in the top right corner.
4. Checkmark the data you want to email to yourself (*Project Name + Site Name + date + time*).
5. Select the “Send” button at the bottom.

*Note - Emailing only works if your iOS mail is setup.



Download data stored on logger

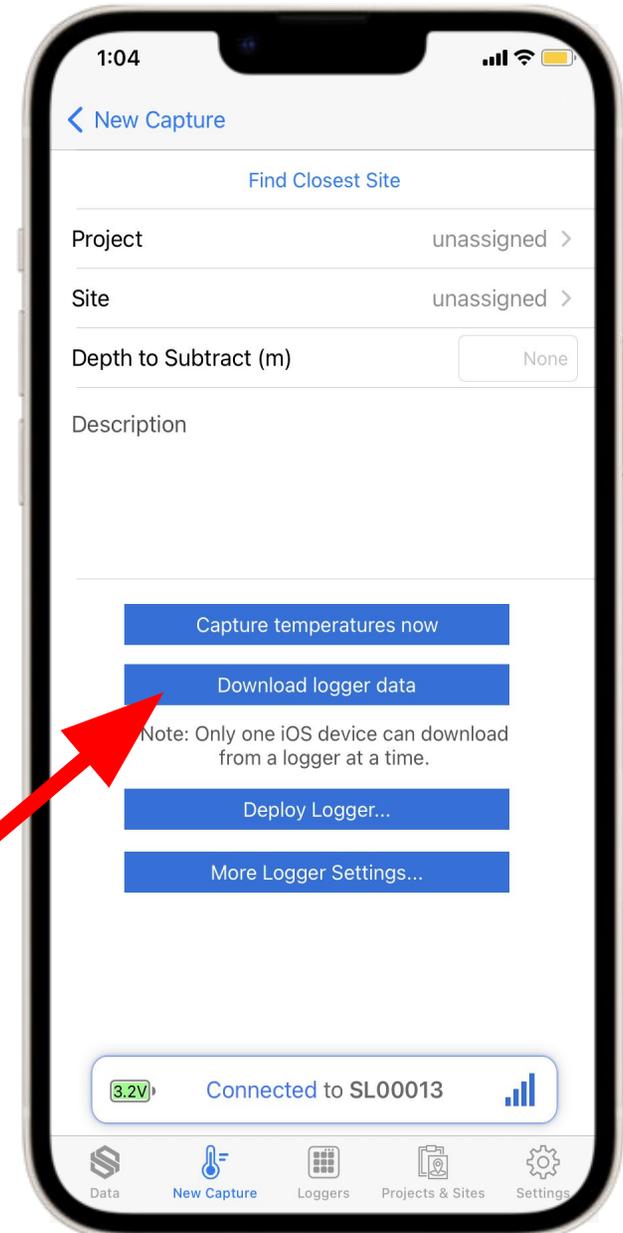
Retrieve data

1. Open the Capture App.
2. Select “New Capture” from the menu on the bottom.
3. Swipe magnet for D505 and Torpedo handheld loggers.
 - No magnet swipe is required for D605 or buoy loggers but it will help them connect more quickly.
4. Select your logger (ex. D5050XXX or D6050XXX).
5. Note: No need to create a Project or Site for this process.
6. Select the Download logger data blue button.

Your data is now captured to your iOS device.

Email the data

1. Select Data.
2. Select Logger Downloads.
3. Select the data you want (date + time).
4. Export Data (*two options*).
 - a. Select Native iOS Mail (*only works if iOS email set up*).
 - b. Share to App (*works if you do not have the iOS email set up*).
 - i. Select Gmail (*or other email apps*).
 - OR
 - ii. Select Notes (*to view data without sending an email*).



Deploying a logger

Ensure your logger is configured how you want and transmitting successfully before leaving the field. Process may take a couple minutes.

Deploying Logger

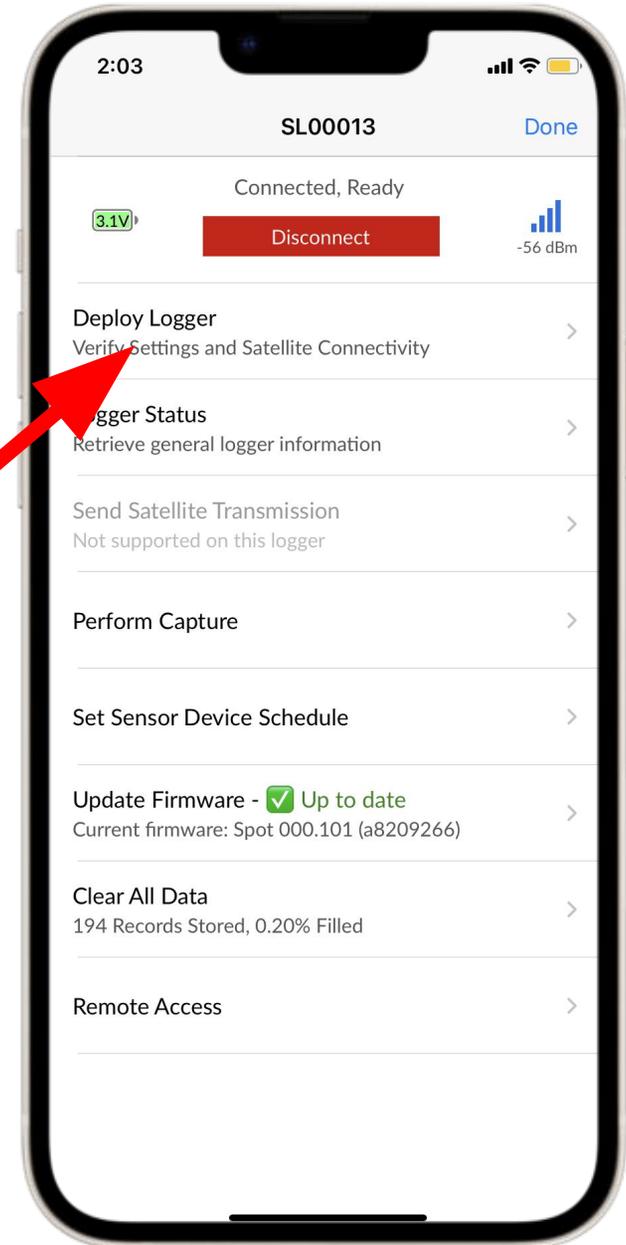
1. Open the Capture App.
2. Select “Loggers” from the menu on the bottom.
3. Swipe magnet for D505 and Torpedo handheld loggers.
 - No magnet swipe is required for D605 or buoy loggers but it will help them connect more quickly.
4. Select your logger (ex. D5050XXX or D6050XXX).
5. Select the “Deploy Logger” button.
6. Select the “Deploy Logger” button.

You will now be navigated through screens specific to your device. You will confirm the following information:

1. Logging interval.
2. Transmit interval. (Not available on the Spot/Torpedo Loggers)
3. Cable/s Reading.
4. Logger Status.
5. Transmission Status. (Not available on the Spot/Torpedo Loggers)

After deploying a site:

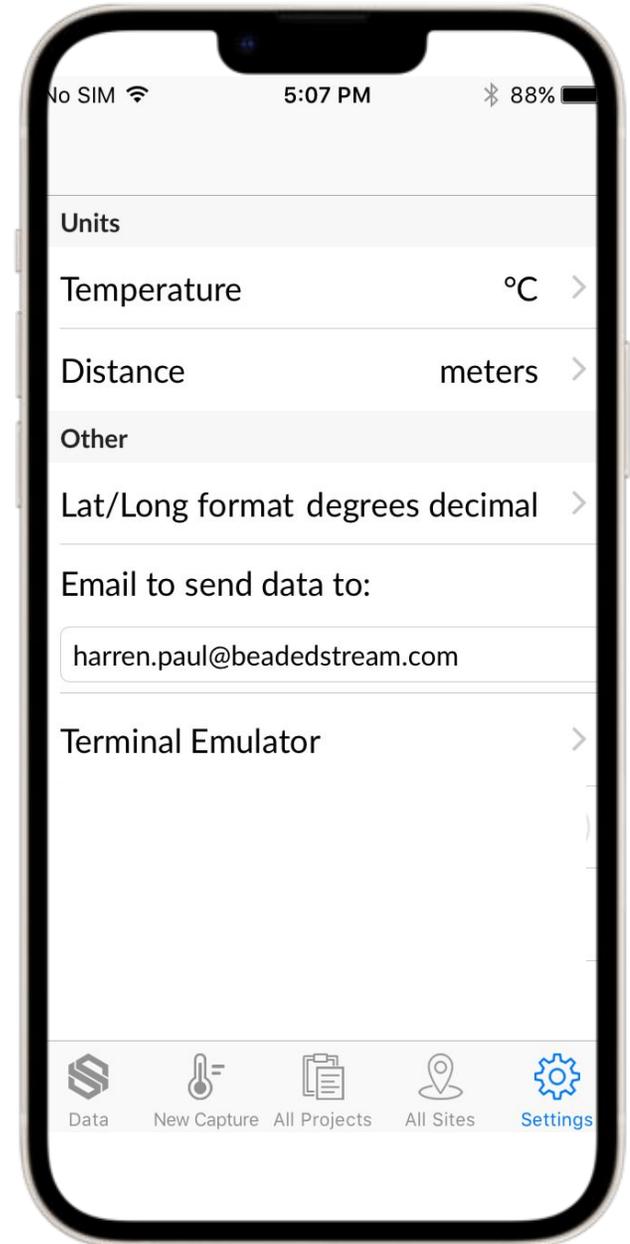
1. Fill out Deployment Information sheet on following page
2. Email Deployment Information sheet to your beadedstream rep



Configure Capture App

Steps

1. Open Capture App
2. Select Settings
3. Set default temperature units - °C or °F
4. Set default distance units - meters or feet
5. Set default email to send data to: _____ (fill in with your email)



Magnets + Logger LED Lights

Magnet Actions

● **One blink:** Swipe magnet once. Wakes up logger and increases bluetooth advertising.

● **Two blinks:** Hold magnet for two blinks. Forces a satellite transmission. Watch for ● solid green light while transmitting.

● **Eight red blinks, then all ●●● LEDs flash:** Hold magnet for 10 seconds. This action reboots the logger similar to restarting a computer. Data stored on the logger is not lost. Do this action when the logger processor may be stuck in a loop and not working properly

Status Lights

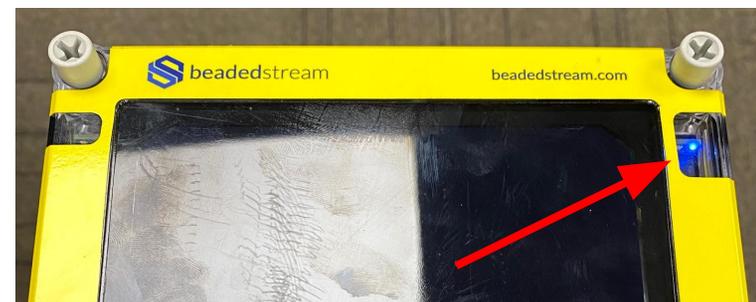
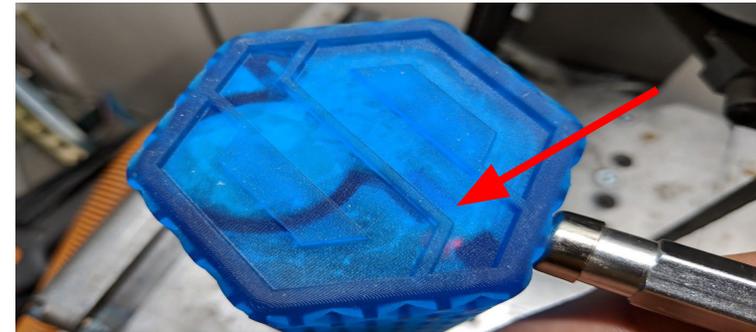
● **One blink every every 7 seconds:** system is on, idling. Idling means you can either transmit, log, or talk to the Terminal Emulator after swiping the magnet.

● **Two blinks every 7 seconds:** system is on, nap mode. Nap mode means that the logger is asleep. Take a logger out of nap mode by: swiping with a magnet, plugging in a cable, or having nap mode expire.

● **Solid green:** system is on, busy. The logger is reading, transmitting, or moving data via Bluetooth.

● **Solid blue:** system is on, active Bluetooth connection when connected to an iOS device (iPhone, iPad, or iPod).

● **No LED activity:** system is off, unplugged or dead battery. Contact beadedstream for assistance.



For more advanced settings,
contact the **beaded stream team**