



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 (<u>App Store Download Link</u>)
 - □ 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.

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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.

Kew Capture	
Find C	Closest Site
Project	unassigned >
Site	unassigned >
Depth to Subtract (m)	None
Description	
Capture ten	nperatures now
Capture ten	nperatures now
Download	d logger data
Capture ten	nperatures now
Download	d logger data
Note: Only one iO	S device can download
from a lo	gger at a time.
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from a lo	gger at a time.
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More Logg	ger Settings
Capture ten Download Note: Only one iO from a lo Deploy More Logg	ed to SL00013





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).

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Site			unass	igned >
Depth to S	ubtract (r	n)		None
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	Capture	temperatu	ires now	
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	Dep	oloy Logge	er	
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(<u>3.2V</u>),	Conne	cted to S	L00013	ll.
\$	8 -			£27
Data	lew Capture	Loggers	Projects & Sites	Settings





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

Connected, Ready 3.1V) Disconnect	
	-56 dBm
Deploy Logger Verify Settings and Satellite Connectivity	>
gger Status Retrieve general logger information	>
Send Satellite Transmission Not supported on this logger	>
Perform Capture	>
Set Sensor Device Schedule	>
Update Firmware - 🗸 Up to date Current firmware: Spot 000.101 (a8209266)	>
Clear All Data 194 Records Stored, 0.20% Filled	>
Remote Access	>

Deployment Information Sheet

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#	Date	Time	Site Name	Cable Serial #	Logger Serial #	Latitude	Longitude	Transmission frequency	Installed by	Notes
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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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)

\frown								
No SIM 穼		5:07 PM	* 88	%				
Units								
Tempe	rature		°C	>				
Distan	ce		meters	>				
Other								
Lat/Long format degrees decimal								
Email to send data to:								
harren.paul@beadedstream.com								
Termir	nal Emul	ator		>				
\$	-			£				
Data	New Capture	All Projects	All Sites Se	ettings				





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 **o** 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 **beaded**stream for assistance.











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

