



beadedstream

# CAPTURE APP QUICK START GUIDE

## Checklist

- Download the Capture by **beadedstream** app ([LINK](#))
  - Make sure that you have the latest version of the app
- Turn on your iOS device's Bluetooth
- 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*)
- Magnet (for D505 and Torpedo handheld loggers only, **NOT** for buoy or D605 loggers unless advance settings)
- Logger

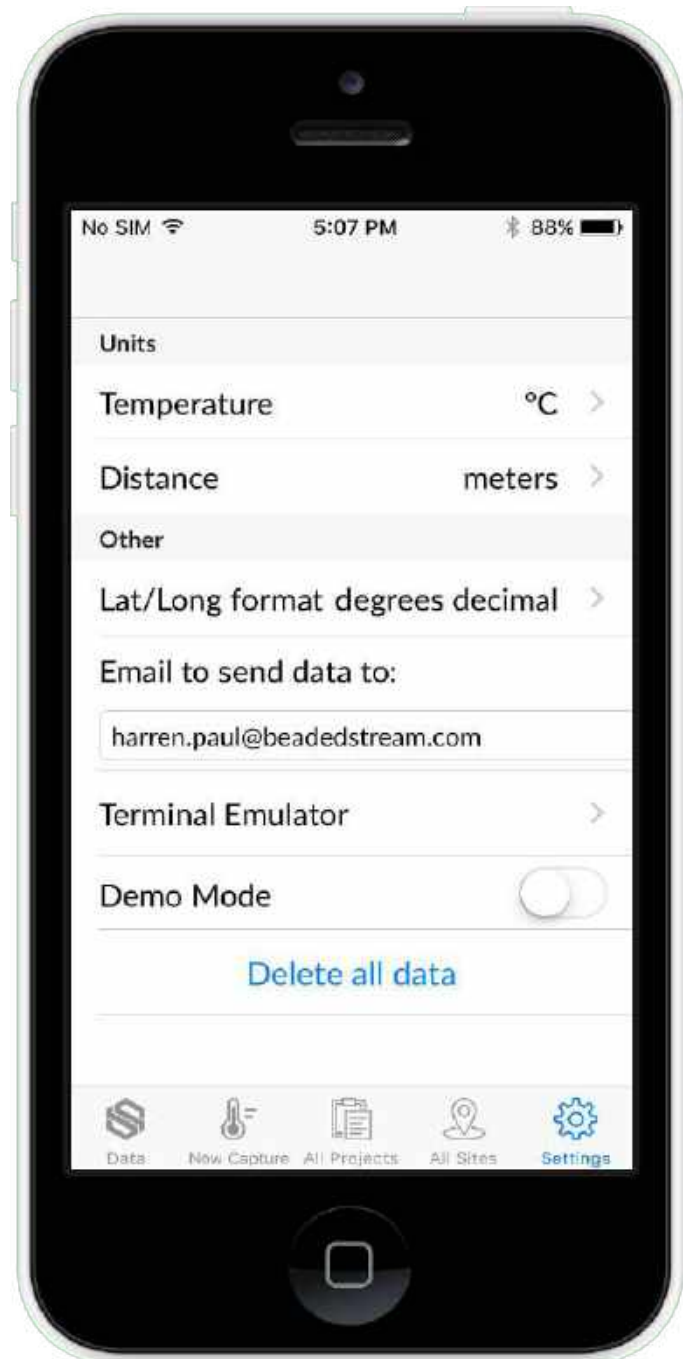




## Configure Capture App

### Steps

- Open Capture App
- Select Settings
- Temperature - °C or °F
- Distance - meters or feet
- Email to send data to: \_\_\_\_\_  
*(fill in with your email address)*

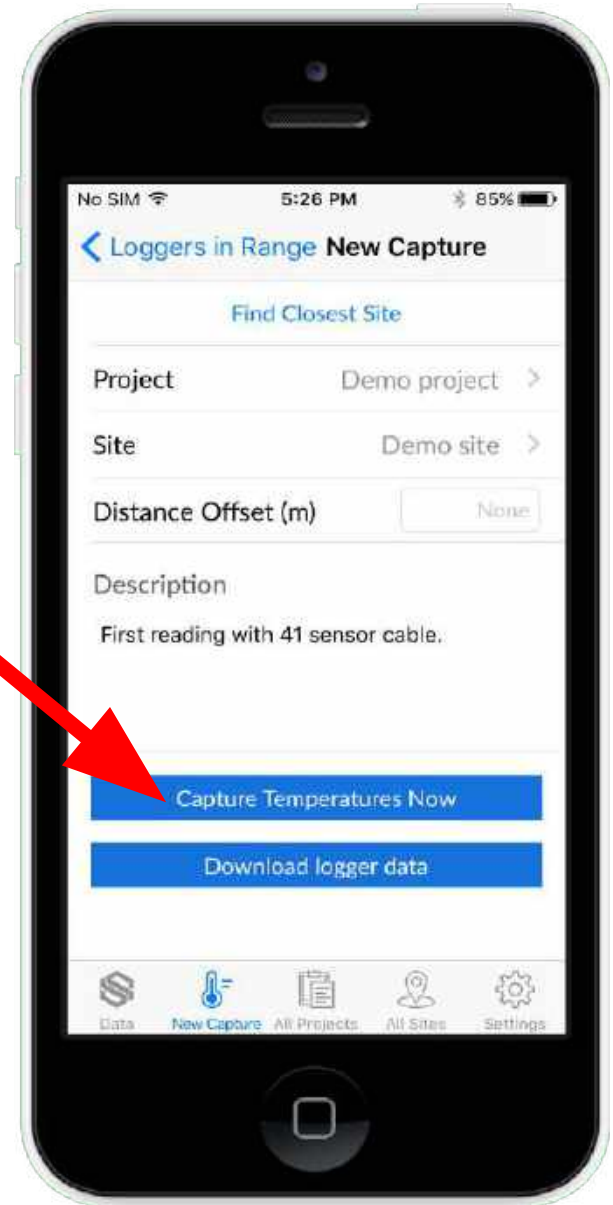




## Collect Data - Option 1 - See data in real time (spot reading)

### Steps

- Open Capture App
- Select New Capture
- Select your logger (ex. D5050XXX or D6050XXX)
- Select Project (Use steps below to create a new project)
  - Select "+" (plus sign) in top right corner
  - Name your project (ex. Borehole 123)
  - Select Save in top right corner
  - Select your project
- Select Site (Use steps below to create a new site)
  - Select "+" (plus sign) in top right corner
  - Name your site (ex. Cable 456)
  - Select Save in top right corner
  - Select your site
- Swipe magnet for D505 and Torpedo handheld loggers. No magnet swipe is required for D605 or buoy loggers.
- Select the Capture Temperatures Now blue button



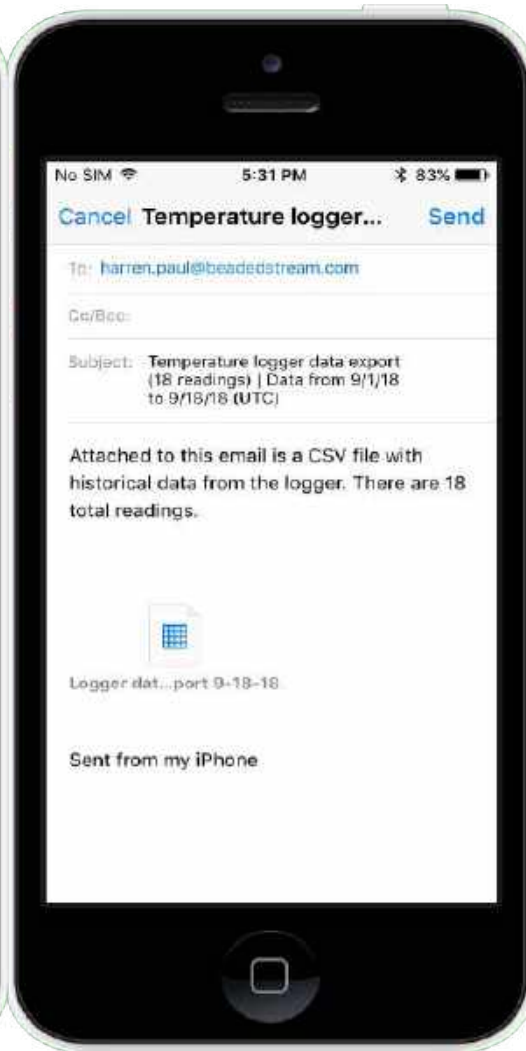
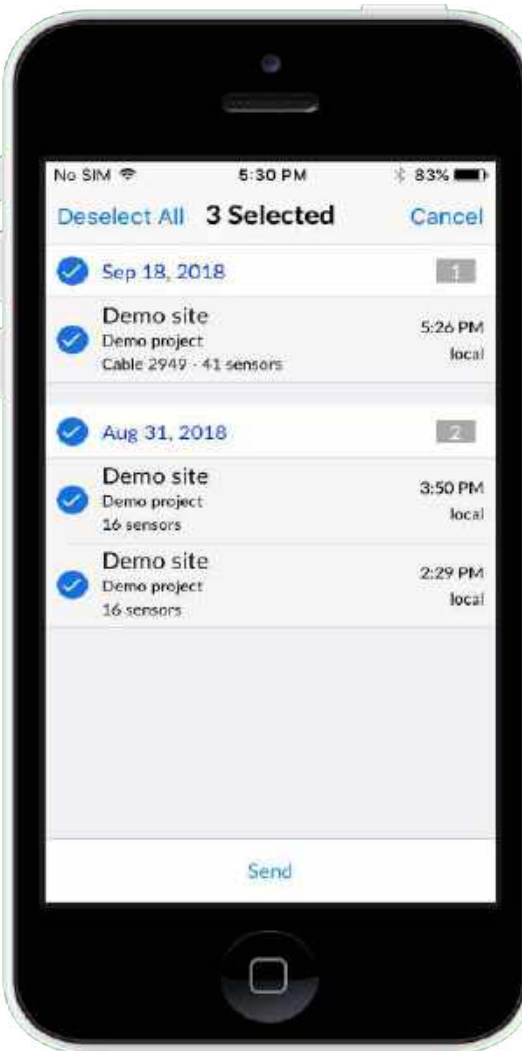
### Email the data

- Select Data
- Select Cable Readings
- Select the "Select" hyperlink in the top right corner
- Checkmark the data you want to email to yourself (Project Name + Site Name + date + time)
- Select the "Send" hyperlink at the bottom

\*\*\*Note - This only works if your iOS mail is setup



## Collect Data - Option 1 - See data in real time (spot reading)



**VIEW**  
spot reading data

**SELECT**  
spot reading data

**EMAIL**  
spot reading data





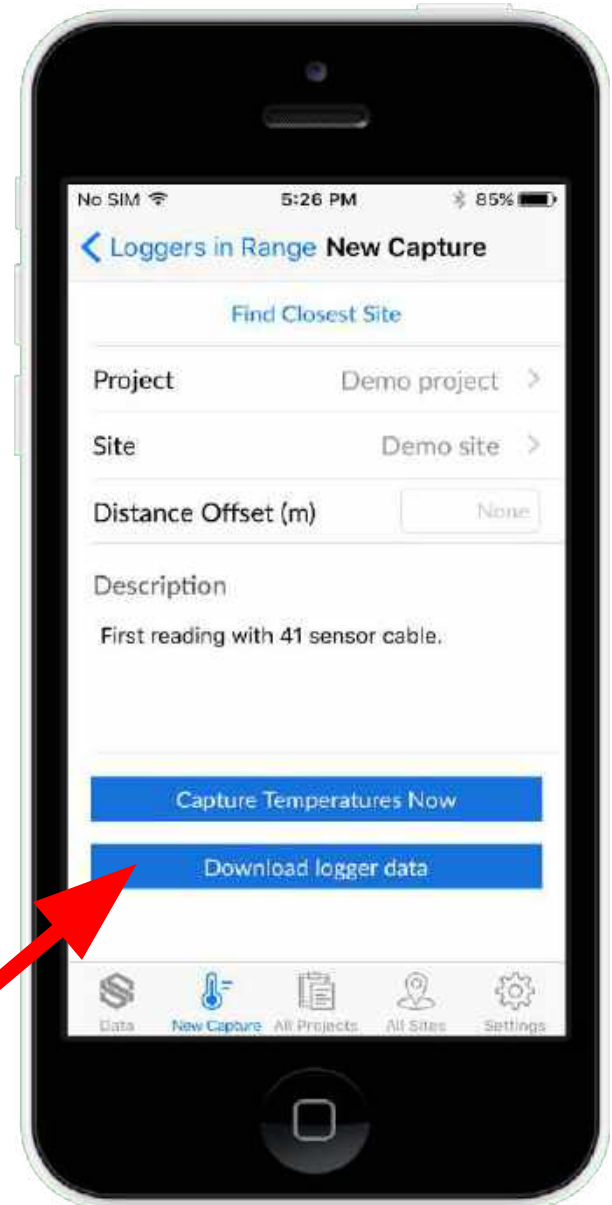
## Collect Data - Option 2 - View downloaded data stored on logger

### Steps

- Open Capture App
- Select New Capture
- Select your logger (ex. D5050XXX or D6050XXX)
- No need to create a Project or Site for this process
- Select the Download logger data blue button
- Swipe magnet for D505 and Torpedo handheld loggers every 10 seconds + watch progress circle. No magnet swipe is required for D605 or buoy loggers.

### Email the data

- Select Data
- Select Logger Downloads
- Select the data you want (date + time)
- Export Data (*two options*)
  - Select Native iOS Mail (*only works if iOS email set up*)
    - Settings
    - Mail icon
    - Accounts
    - Add Account OR select an active account and turn on the mail app icon
  - Share to App (*works if you do not have the iOS email set up*)
    - Select Gmail (*or other email apps*) OR
    - Select Notes (*to view data without sending an email*)



## Deploying logger in the field

Here's how to make sure that your satellite connection is working properly before leaving the field

### Steps

- Select Settings
- Select Terminal Emulator
- Select your logger (ex. D5050XXX or D6050XXX)
- Swipe magnet for D505 and Torpedo handheld loggers. No magnet swipe is required for D605 or buoy loggers.
- Wait ~15 seconds for the black screen to show “ > ” (the greater than symbol)
- On the black screen, type “**deploy**” and press Enter
  - It will ask a series of questions. Answer Y or N.
  - It will confirm that the cables are connected properly and verify that it is appropriate for your installation.
  - The whole deployment process, satellite transmission, and confirmation takes a few minutes.





**Always disconnect your Bluetooth  
by selecting New Capture and not  
just exiting the app.**



## Magnets + Logger LED Lights

- **One blink:** Swipe magnet once. Wakes up logger. Will also see a green light on the right.
- **Two blinks:** Hold magnet for two blinks. Forces a satellite transmission. Watch for ● solid green light while transmitting.
- **Four blinks:** Hold magnet for four blinks. Puts logger in nap mode for 60 days. Watch for ● four quick green blinks to signify nap mode. You can take logger out of nap mode by swiping magnet once.
- **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
- **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. You can take a logger out of nap mode by doing one of the following: 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.



## Logger Installation Checklist (for D505 and D605 loggers)

### Purpose

Do this **FIRST** before deploying a logger in the field with the Terminal Emulator in the Capture App

### Steps

#### Logger:

- Mount logger above yearly maximum snow and/or water levels
- Orient logger towards true south** (northern hemisphere) or true north (southern hemisphere)
- No overhead obstructions
- Minimal vertical tilt

*Photo to the right shows large but acceptable tilt*

#### Cables:

- Cable connector is coated with a small amount of “Stuf” paste
- Cable connector is locked into the bulkhead receptacle (*push hard, feel and hear a slight click, do a light tug test*)
- Cables are secured (*zip ties are typically used if conduit isn't present*)

**\*\*Tilt will DRASTICALLY REDUCE** satellite antenna performance. **No tilt** means logger bottom ports point straight down. In locations with snow, no tilt is a good balance of direct sun and energy reflected from the snow.

*If you want to install a logger in an aquatic environment, contact our sales team to ask about our satellite buoy loggers.*



**Make sure that the logger is oriented towards true south (northern hemisphere)**

**For more advanced settings,  
contact the beadedstream team**