



PinPoint RTK

High Accuracy GNSS Receiver

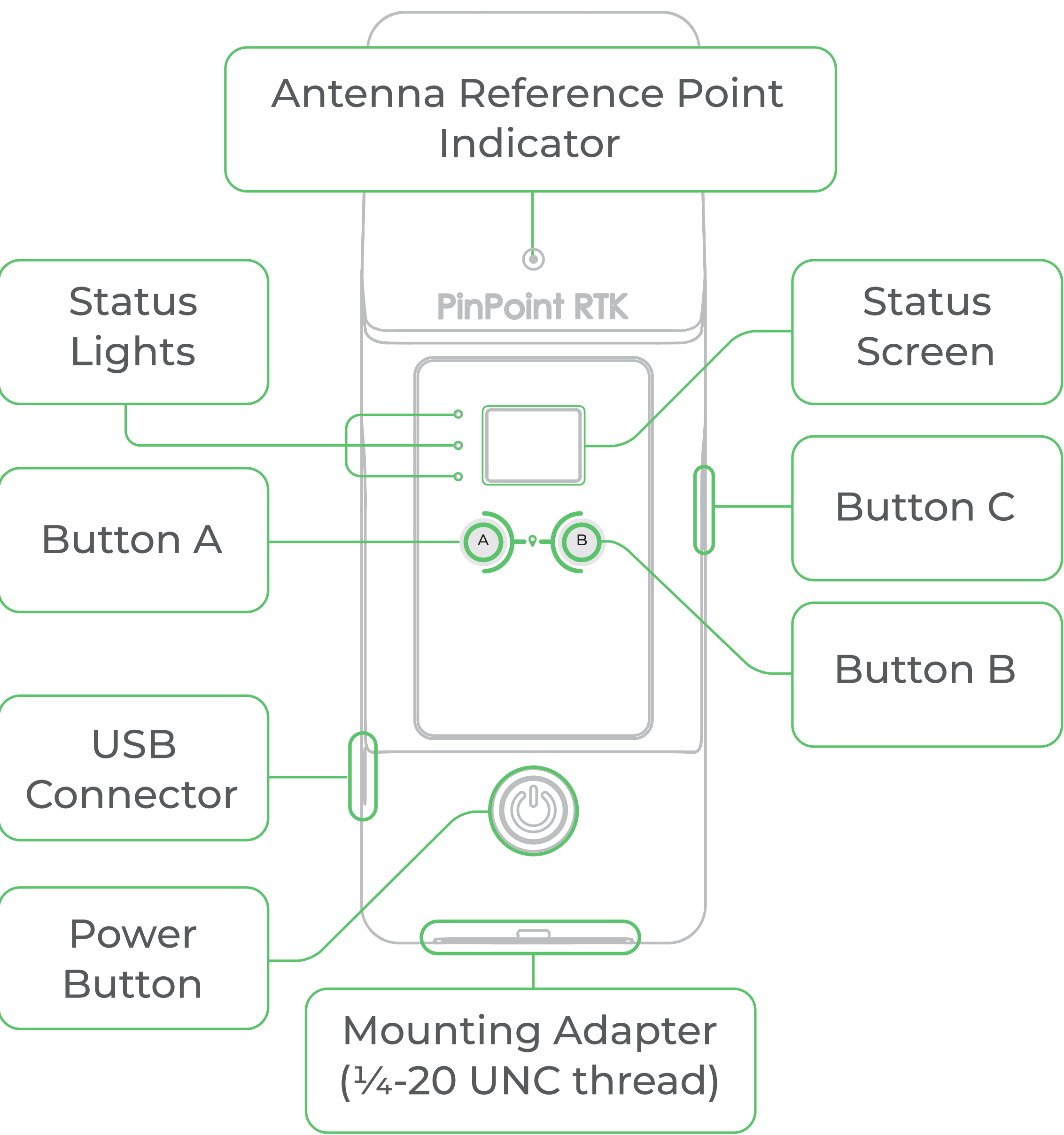
Quick StartGuide



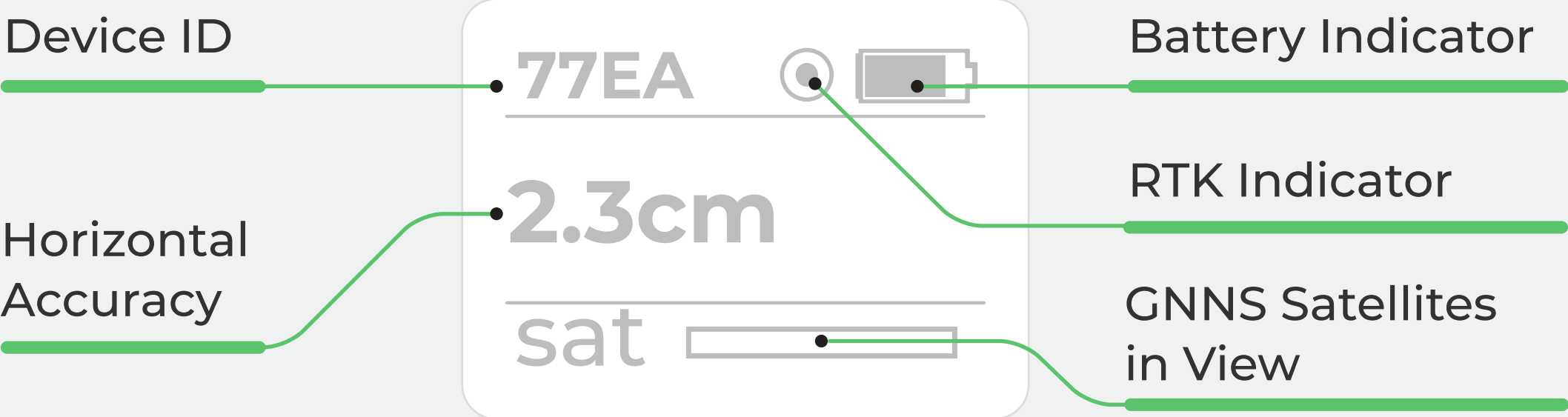
SPECIFICATIONS:

Electrical	
Battery:	Li-Ion with 4000mAh, 3.7V, 14.8Wh
Charging:	USB Type-C, 5V, 1A
Battery Life:	8+ hours
Positioning	
Position Accuracy:	3-5cm horizontal
Convergence Time:	~30 seconds typically
GNSS	
Constellations Tracked:	GPS/QZSS L1C/A, L2C GLONASS L1OF, L2OF BeiDou B1I, B2I Galileo E1-B/C, E5b
Channels:	184
RTK Corrections:	Internet-based NTRIP corrections
Connectivity	
Communications:	Bluetooth BLE, Wifi
Ports:	USB Type-C
Compatibility:	iOS, Android (with VineView App)
Mechanical	
Size:	55mm x 55mm x 150mm
Weight:	245g
Shipping Weight:	865g
Mounting Connection:	¼"-20 UNC thread (standard camera mount)
Environment	
Ingress Protection:	Water resistant
Operating Temperature:	-4 °F to 149 °F

OVERVIEW OF THE UNIT



Status Screen



Status Lights (LEDs)

RTK Status

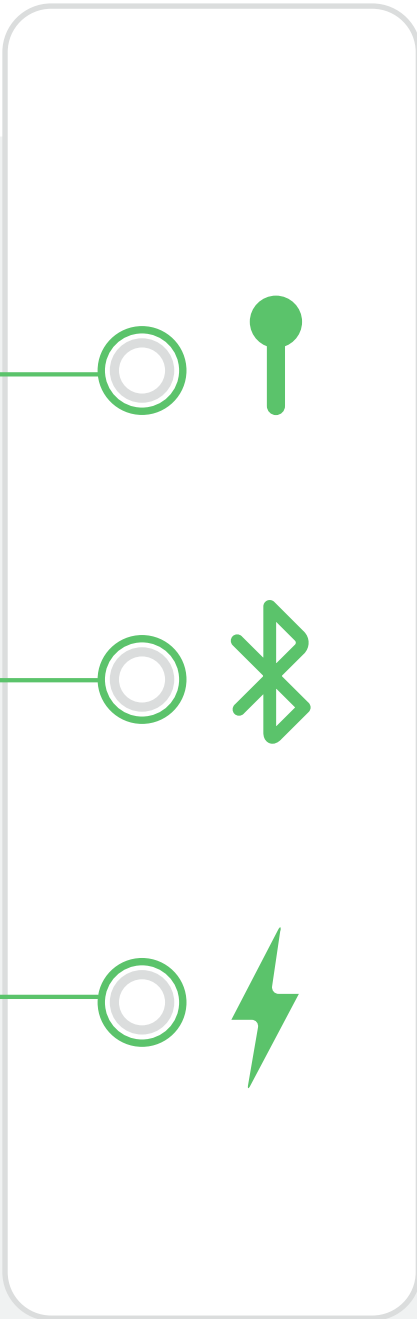
-  Solid Green - RTK Fix
-  Blinking Orange - RTK Float

Bluetooth Connection

-  Solid Blue - Connected

Charging Status

-  Red - Charging Battery
-  Green - Charging Complete



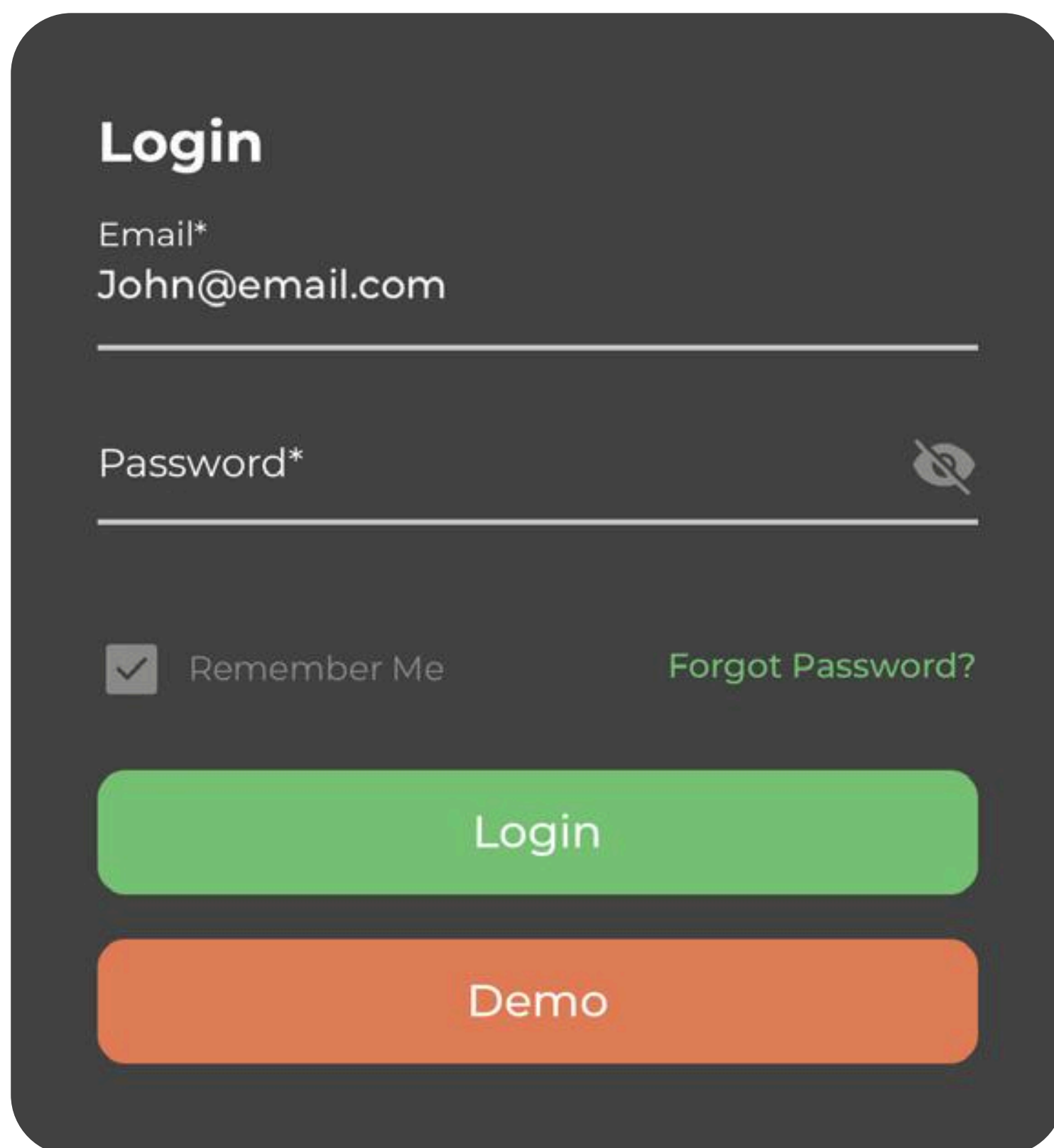
STEP 1

Install the Mobile App



STEP 2

Log on to the VineView Mobile App with your email and password

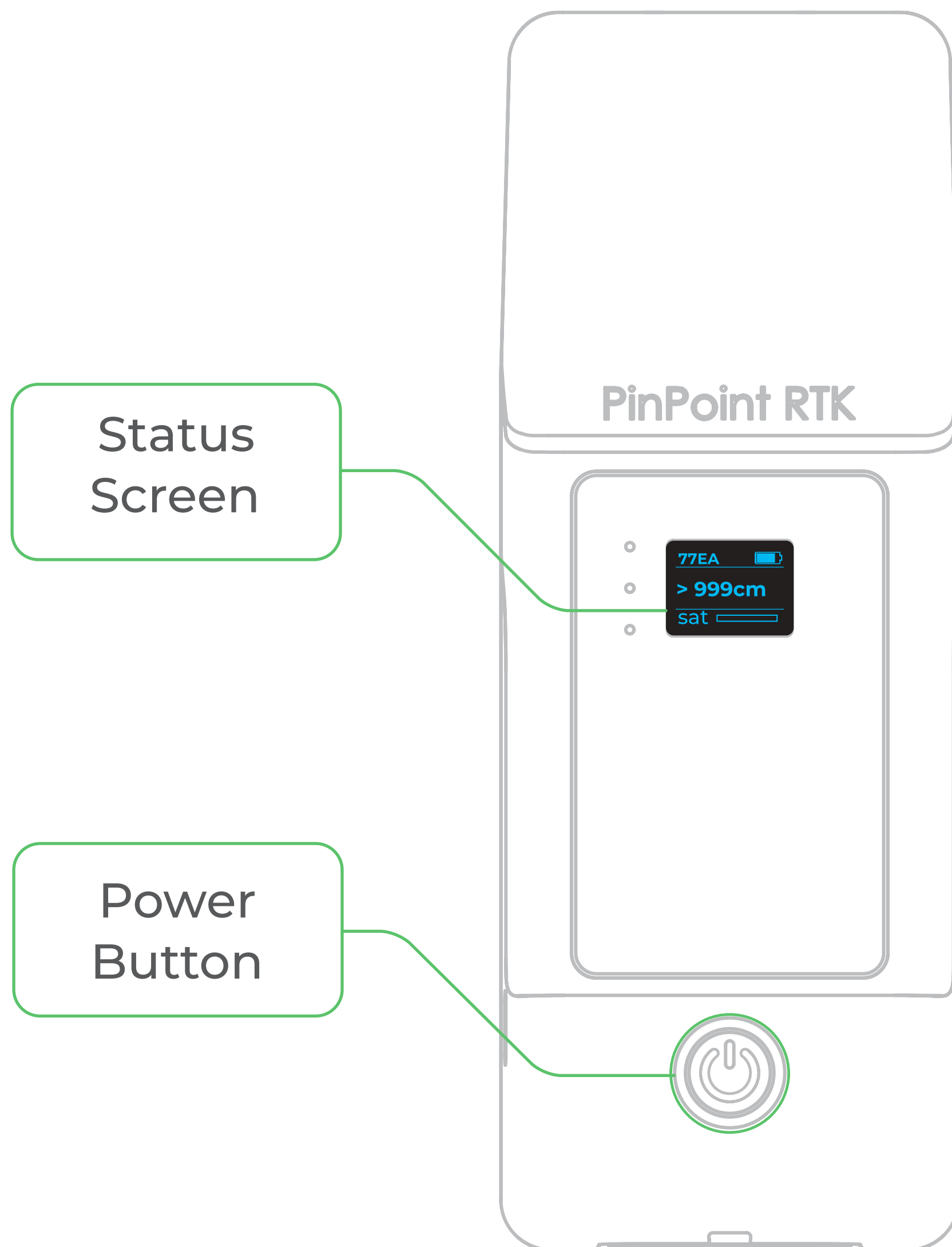


The screenshot shows a dark-themed login interface. At the top, the word "Login" is displayed in white. Below it, there are two input fields. The first field is labeled "Email*" and contains the text "John@email.com". The second field is labeled "Password*" and is currently empty, with a small eye icon to its right indicating a toggle for visibility. Below the password field, there is a checkbox labeled "Remember Me" which is checked, and a link labeled "Forgot Password?" in green text. At the bottom of the form, there are two large, rounded buttons: a green one labeled "Login" and an orange one labeled "Demo".

If you don't have a username, please contact sales@vineview.com

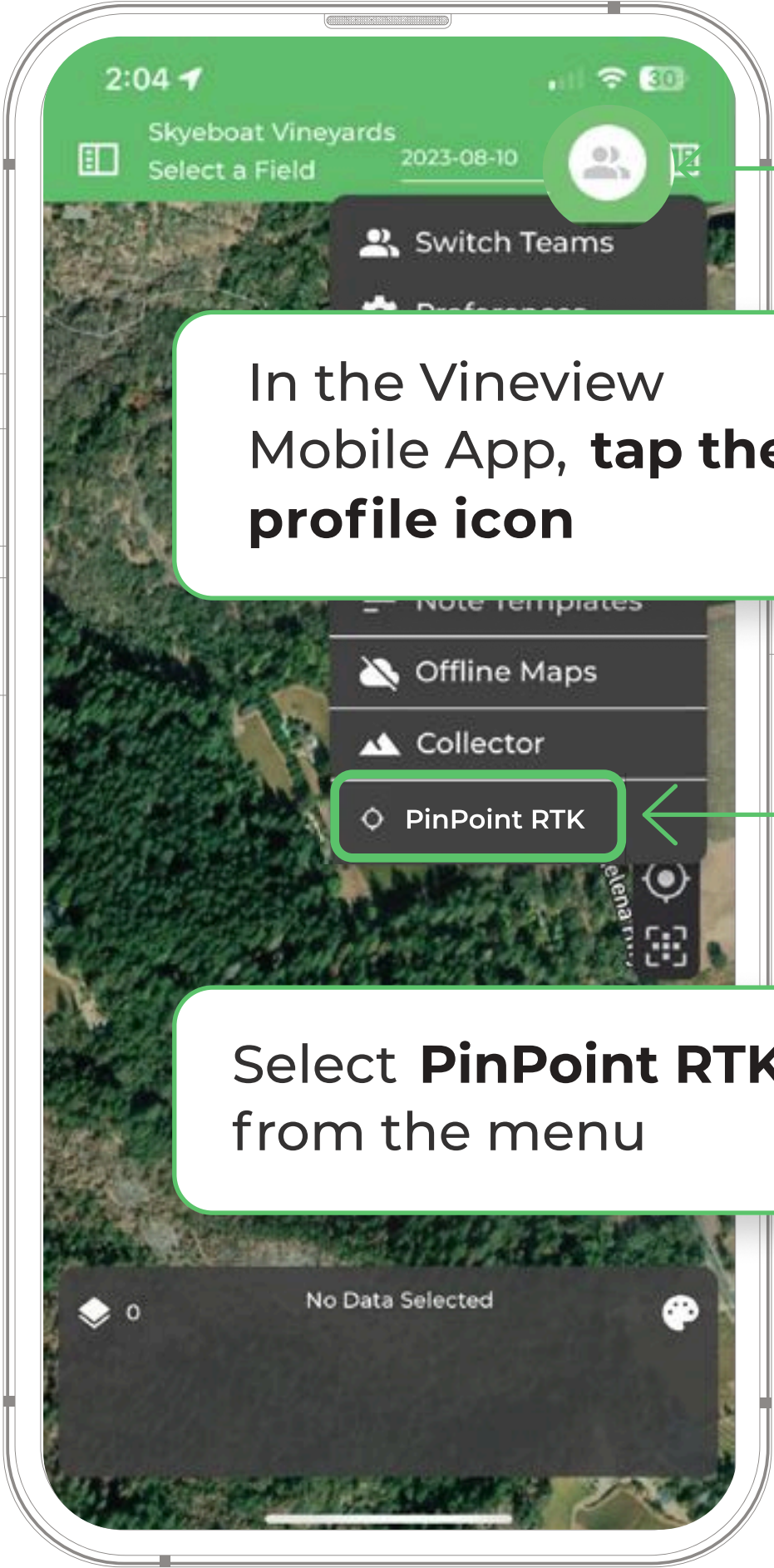
STEP 3

Press the **Power Button** once to turn on the device. The screen will turn on.



STEP 4

Connect your phone.



1 In the Vineview Mobile App, **tap the profile icon**

2 Select **PinPoint RTK** from the menu

3

Click on **Connect**

No Devices Connected

Connect

4

Select your device from the list and press Connect.

Connect to a GPS device

PinPoint-77EA

Cancel Connect

Note: The **4-letter Device ID** can be found on the PinPoint RTK status screen

PinPoint-77EA

77EA

> 999cm

sat

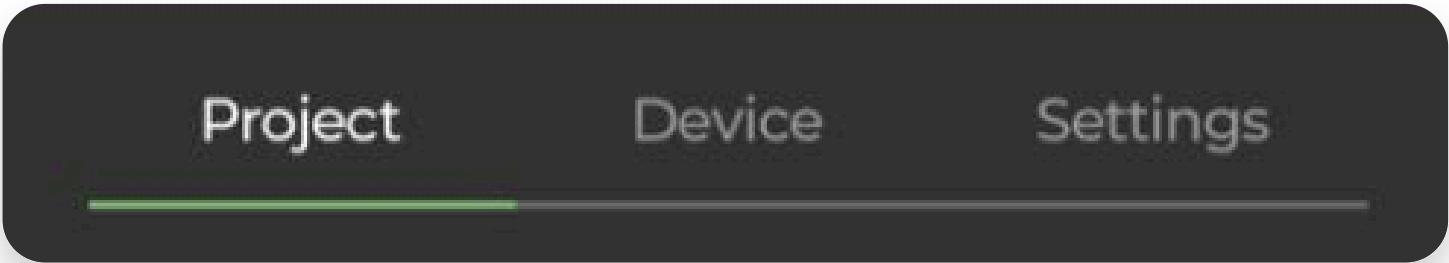
5

If a Bluetooth Pairing Request comes up, **select PAIR** to continue

STEP 5

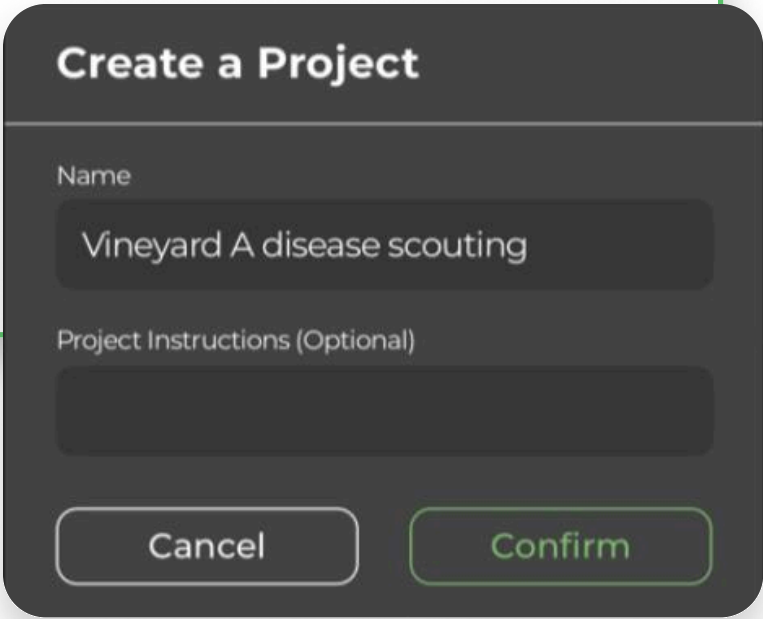
1

Under the “Project” tab, select an existing project name or “Create New Project” (e.g. Vineyard A disease scouting).



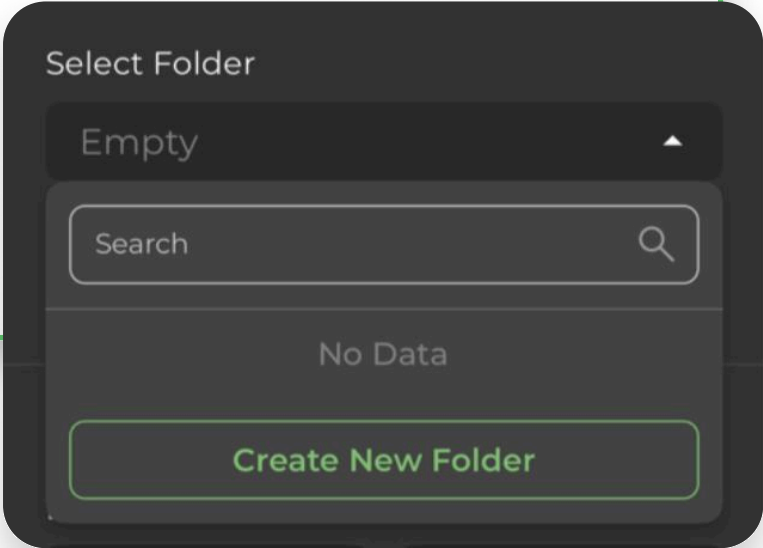
2

You can add optional instructions here. And click on “**Confirm**”.



3

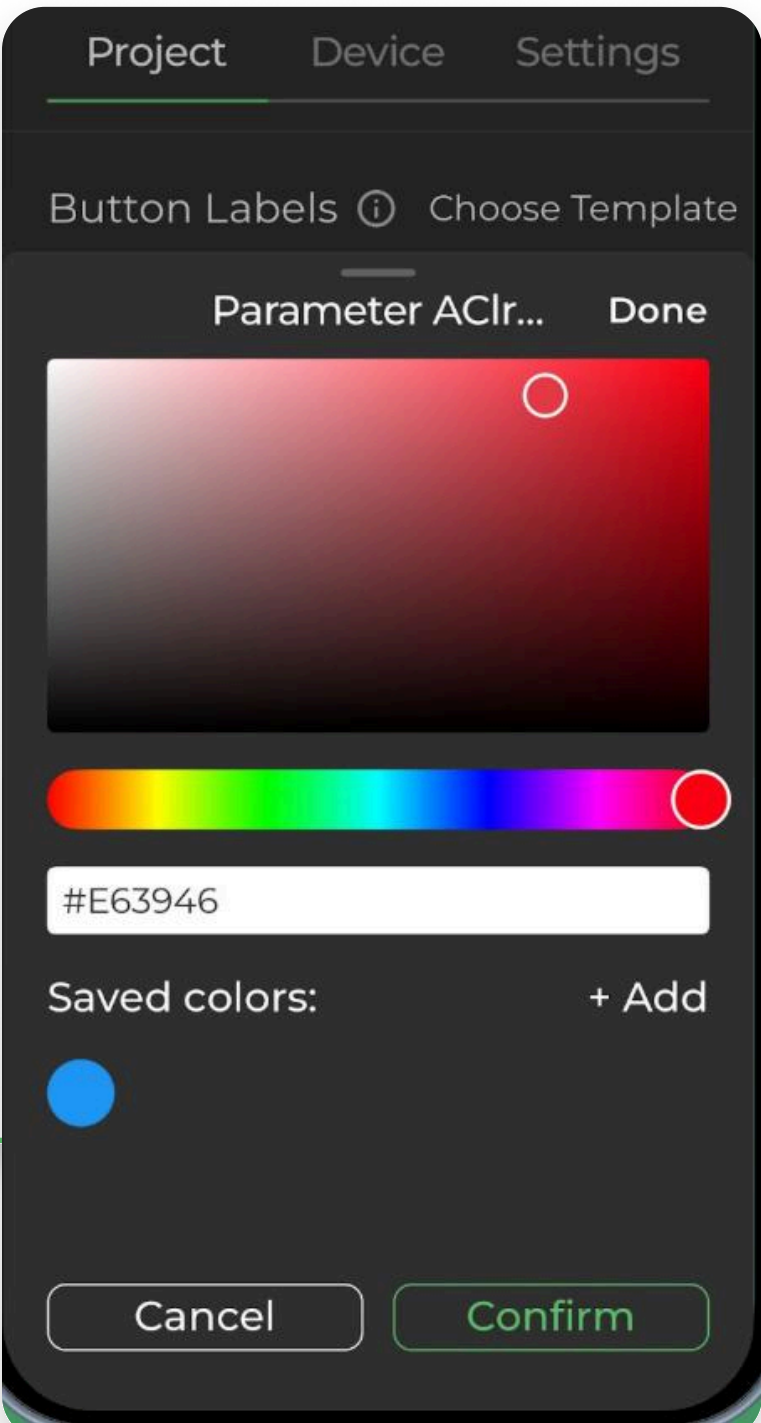
Create a sub-folder, if desired (e.g. Block 1)



4

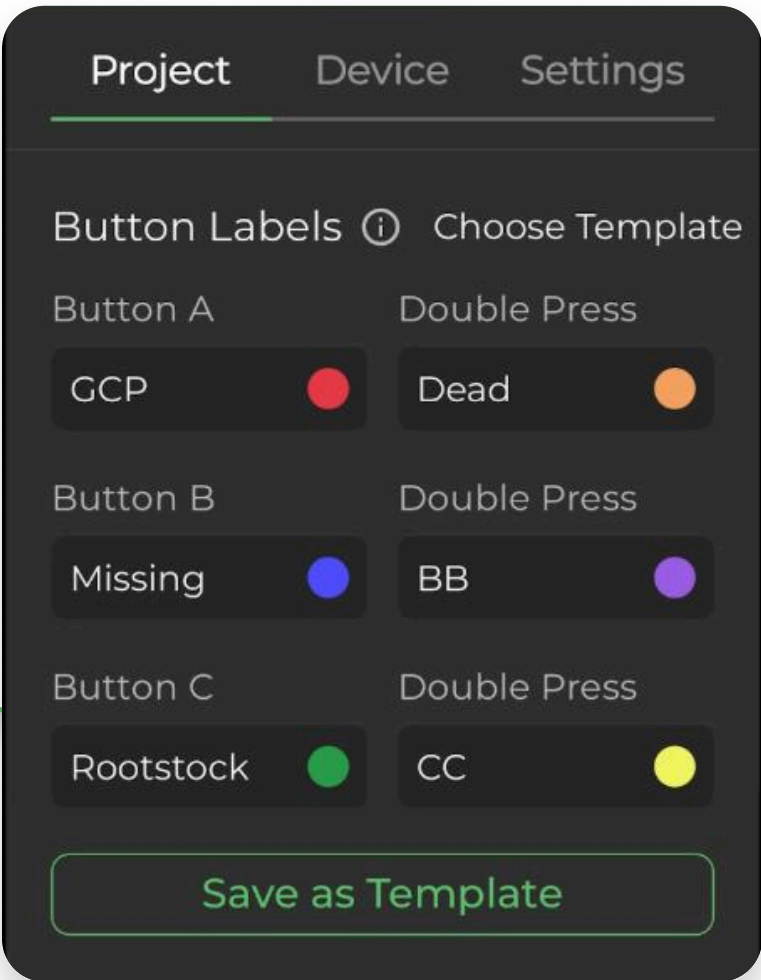
Then scroll down to the **“Button Labels”** and assign both a name and color to each button press.

Note that you have **3** buttons with **6** options total because you can double click as well.



5

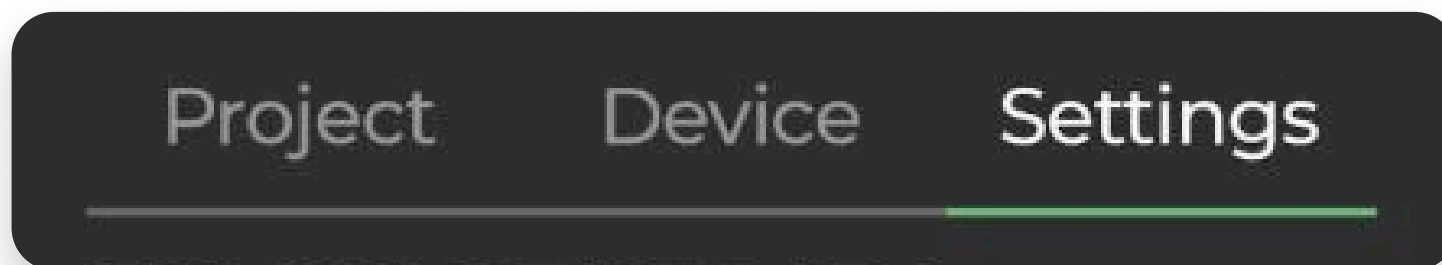
Next you will be prompted to **“Save as Template”**. Provide a name for the template when prompted then click save.



STEP 6

1

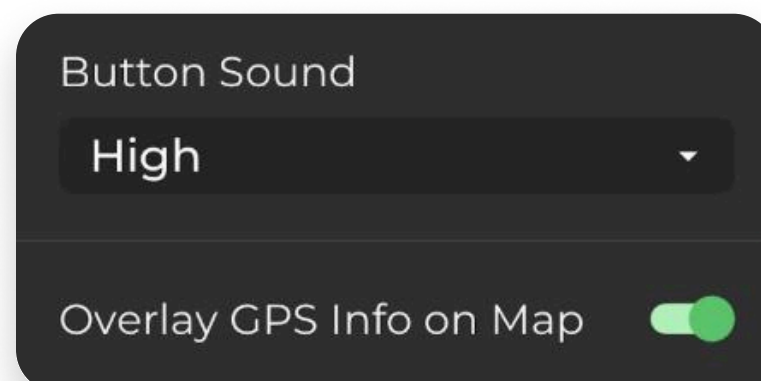
Click on the “Settings” tab (right most tab).



2

The “**Button Sound**” should be on High. This will allow an audible beep when you press the buttons. There is also a longer beep that indicates if there is a problem with the locational accuracy.

The “**Overlay GPS Info on Map**” should be on.



3

“**Show PinPoint Buttons in App**” is **normally turned off**, unless you plan to use the device remotely (e.g. on the end of a stick held out of a tractor or ATV, in which case you might want to activate the buttons using your phone rather than the device directly).

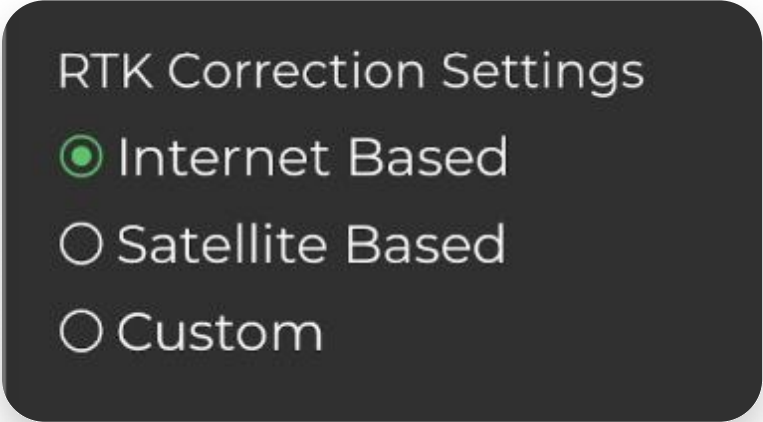
4

“Accuracy Warning Threshold” can be set to your desired needs and will let you know (is this a beep?) when the accuracy is not adequate. We recommend it **set to 10cm** for most uses.

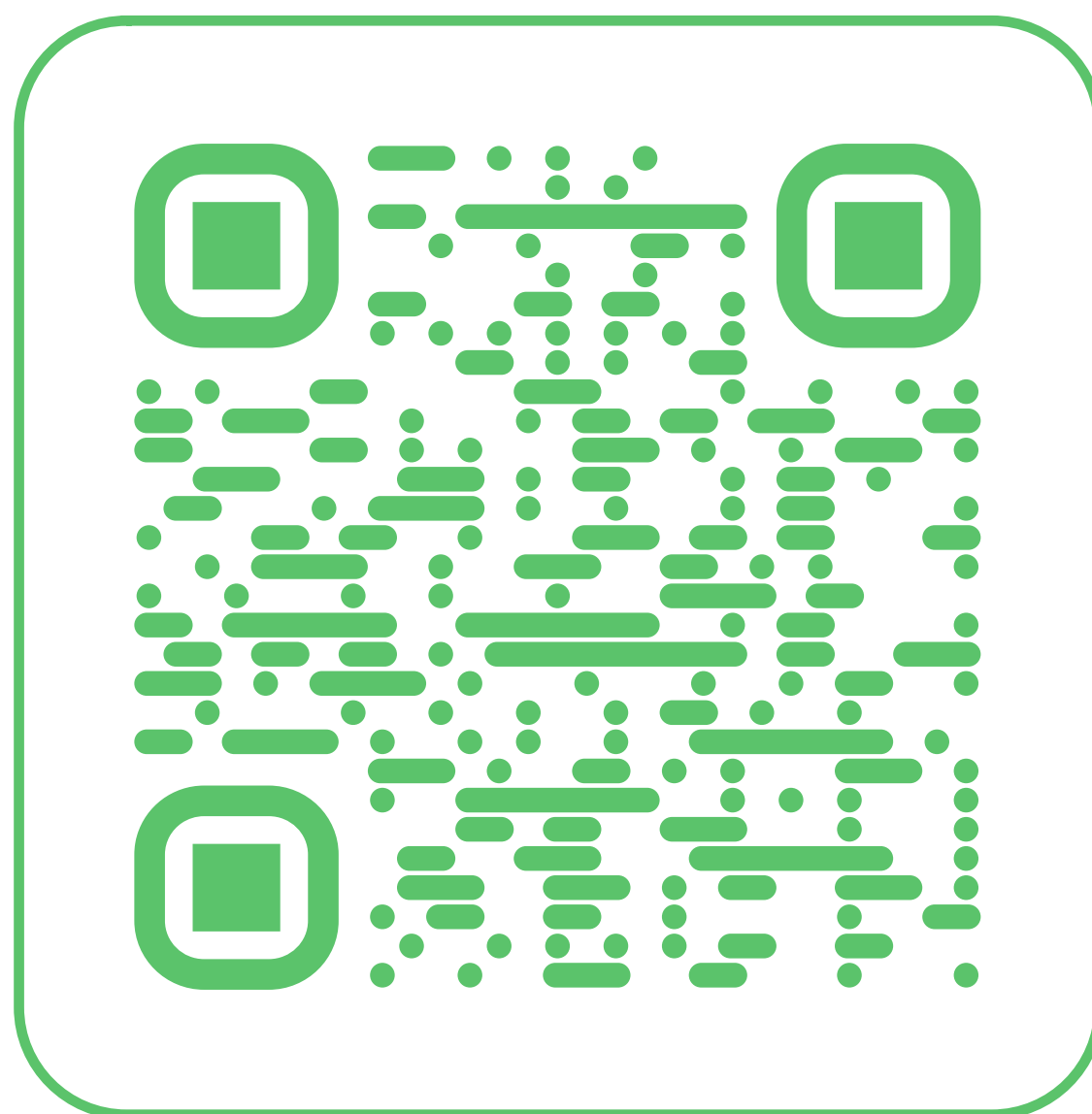


5

Under **RTK Correction Settings** make sure **Internet-Based** button is selected.



For more information on how to configure and use your PinPoint RTK for data collection, please see the user manual



vineview.com/pprtk_usermanual/

