



USER MANUAL

v1.0



1. Pre-requisites

- 1.1. Vista Z device.
- 1.2. Android Phone with internet connectivity*.
- 1.3. Coolr RN application v1.864

Notes:

1. * Iphone can also be used for device operation but this manual focuses on Android phone.
2. RN app can be downloaded from https://dev.coolrgroup.com/apk/RN_1_864.apk . Please contact Coolr if you are not able to get it from the link.
3. This manual is valid for Device firmware version 06 . for rev 06.01.25 will take a few extra steps to cellular usage.

2. Steps to use or install VistaZ devices at client/user location:

1. scan vista Z device via Coolr RN mobile application.
2. Sync the device with RN app.
3. Scan again.
4. Connect the Device with RN app.
5. As per client / user requirement enable wireless communication interface for Device:
 - a. Wifi mode. (wi-fi ID , password set, Wifi on interval set etc)Or
 - b. Cellular mode. (cellular APN , Band etc set)
6. As per client user requirement enable image-capture method.
 - a. Manual image capture.
 - b. Time slot based image capture.
 - c. Door based image capture.

Note:

1. There are a lot of different features in device, which need to set when we install VistaZ device but above steps are basic settings which need to done to make device working.

3. FAQ

1. How to check RN app FW version?
2. How to login to Coolr RN mobile application?
3. How to scan VistaZ Device?
4. How to check VistaZ device is connected/not connected?
5. How to check Firmware version?
6. How to check the battery voltage?
7. How to sync the device time?
8. How to capture Image manually?
9. How to download/view Image on mobile screen?
10. How to check events?
11. How to reboot the device?
12. How to Factory Reset?
13. How to upload the image on portal over BLE?
14. How to enable Wi-Fi?
15. How to upload the image on portal over WIFI?
16. How to enable cellular mode?
17. How to upload the image on portal over Cellular?
18. How to set time slot for image capture?
19. How to enable door detection capability?
20. Other:
 - a. How to Increase RN app disconnect time duration with the VistaZ device?
 - b. How to search and connect multiple devices?
 - c. How to set Coolr Server address in RN app?
 - d. How to increase BLE ping interval?
 - e. How to set Tx power of BLE?
 - f. How to set APN, band, network mode (2G/LTE-CAT-M1/NB-IoT)?

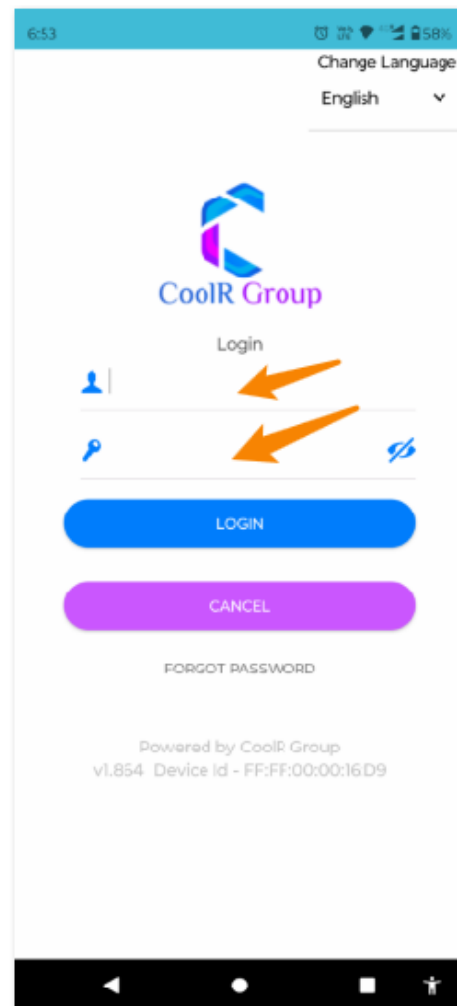
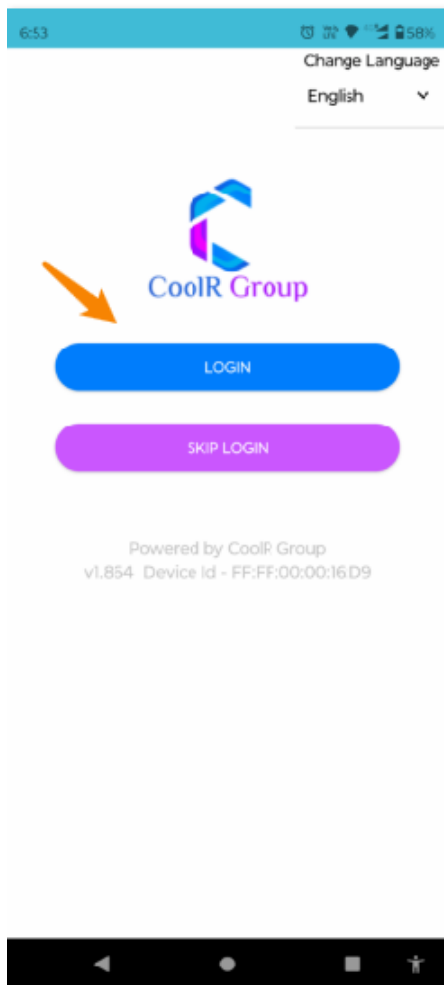
4. How to check RN app FW version?
5. How to login to CoolR RN mobile application?
6. How to scan VistaZ Device?

Steps -

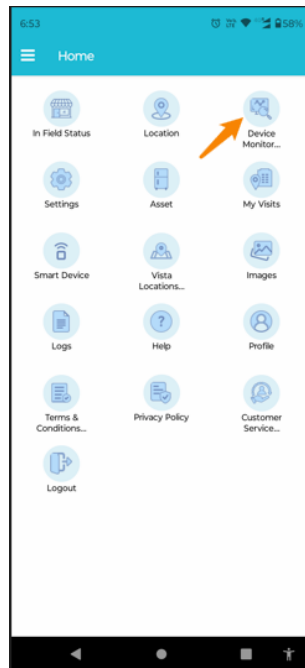
1. Make sure Android phone is connected with internet.
2. Click to open CoolR Mobile App.



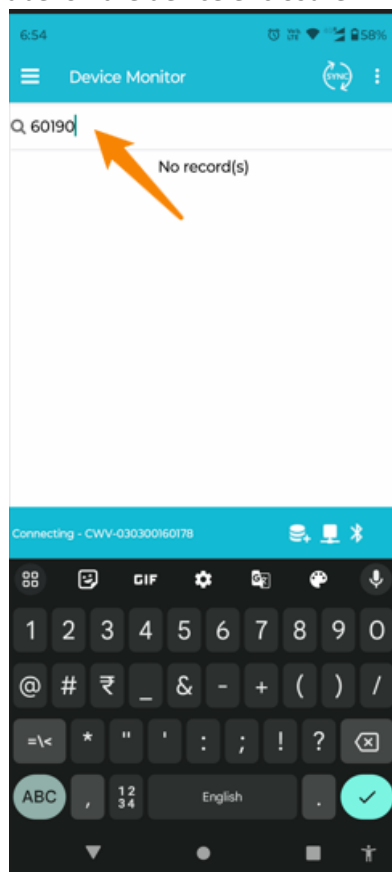
3. Click on LOGIN
4. Now enter the Login Id and password.
(**Note** – please connect CoolR as CoolR will provide the Login credentials for the particular user)



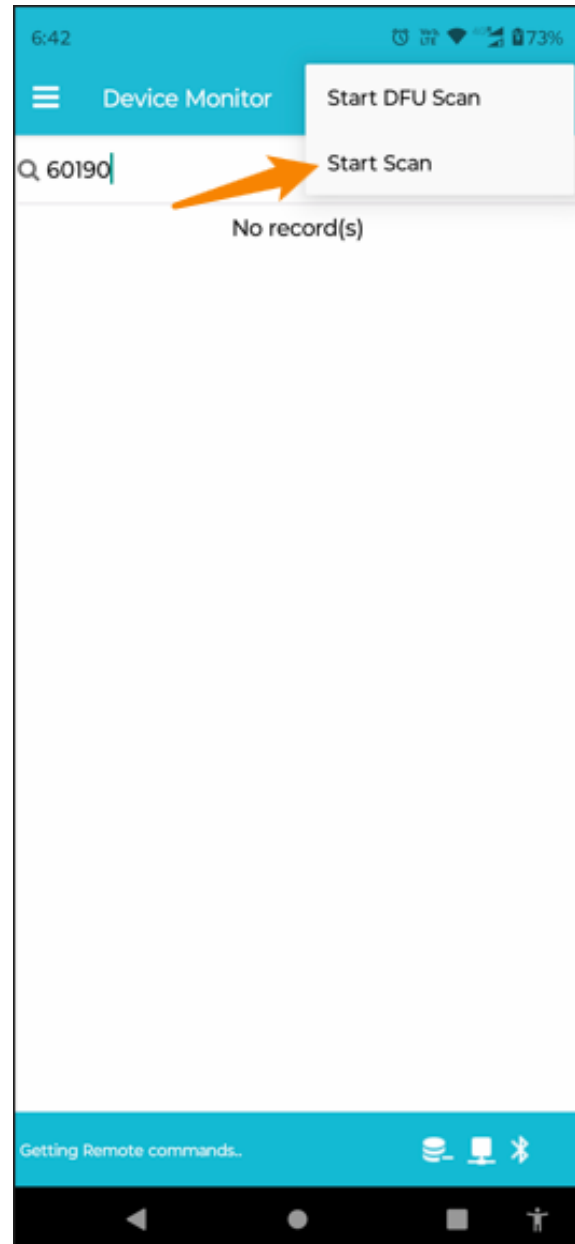
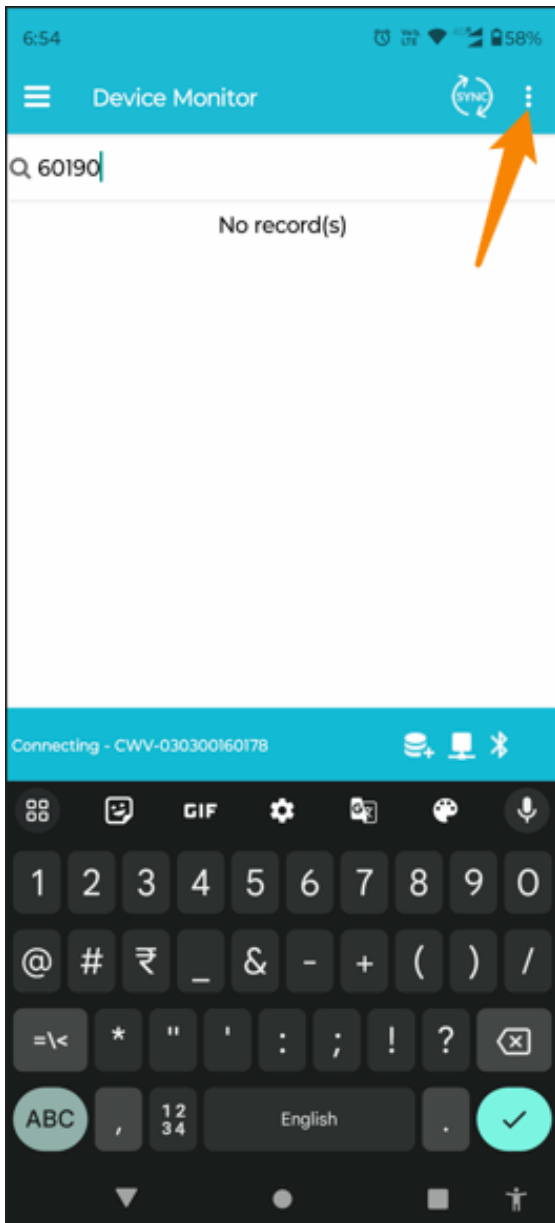
5. After Successfully Login, Home screen will be visible,
6. Click on the Device Monitoring.



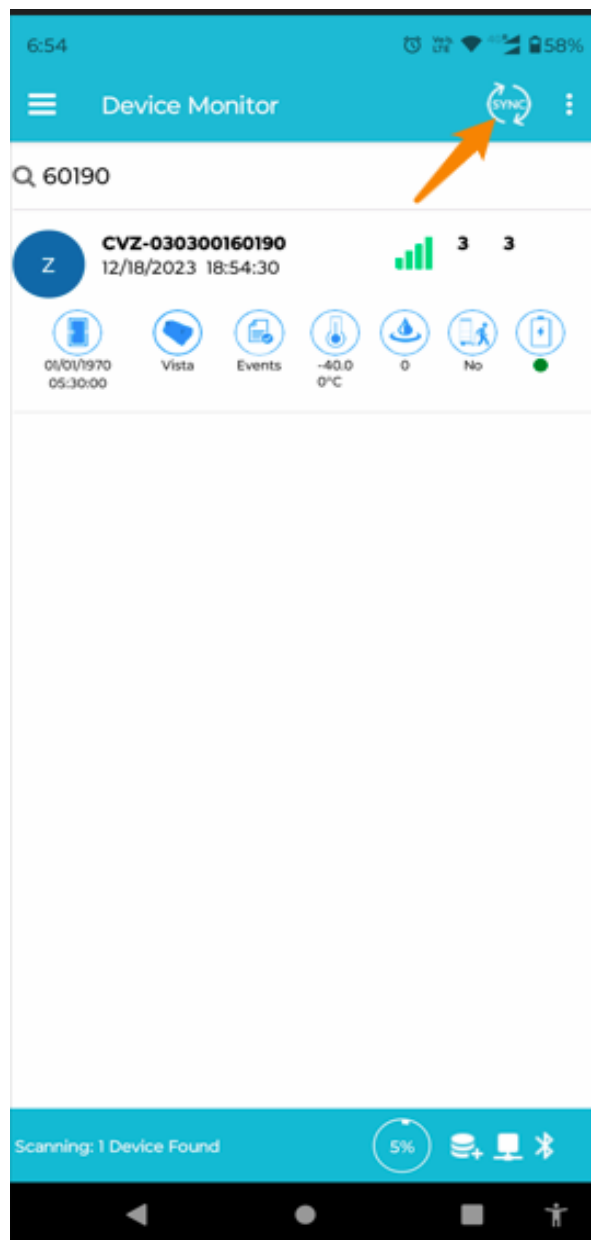
7. Now Device Monitor screen will be visible.
8. Enter the last 5 digits of Vista serial No. in the search bar. You can get sr. number from device Label on the device enclosure.



9. Click on 3 dots for start scan
10. Click on start scan.



11. Once complete serial number is visible, Click on Sync before connection with Vista and wait until device is synced.



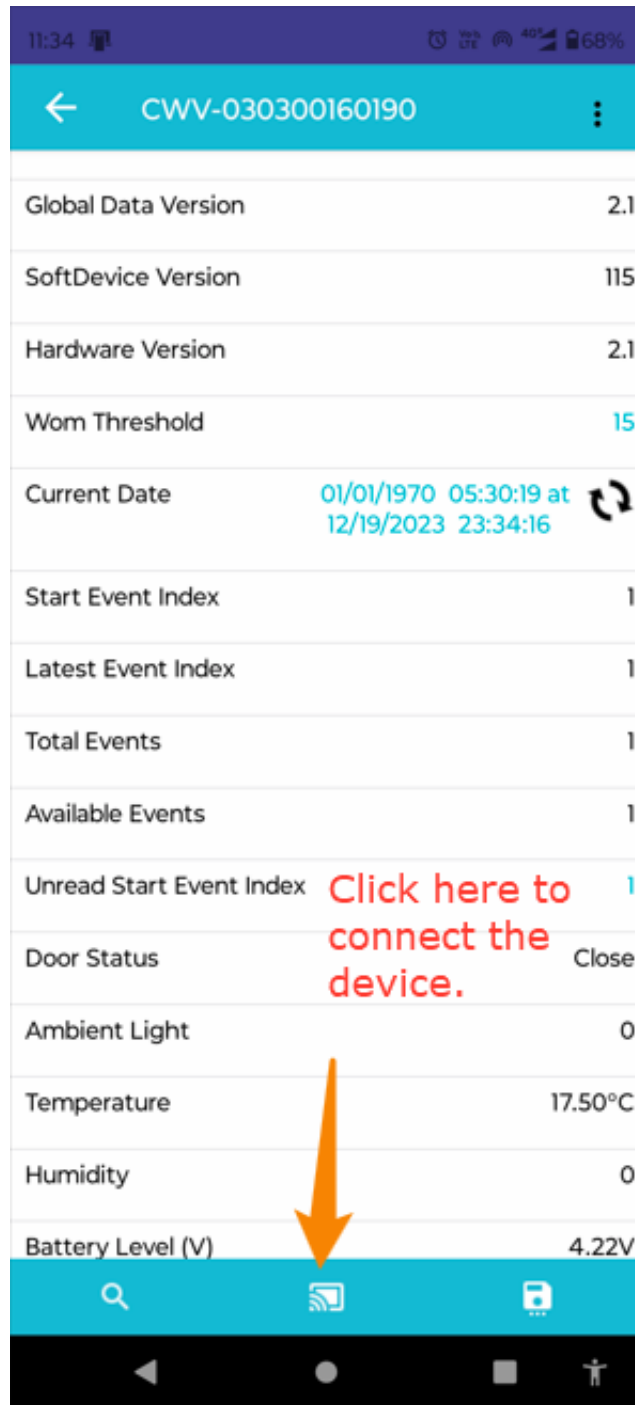
7. How to check Vista device is connected/not connected?

Steps -

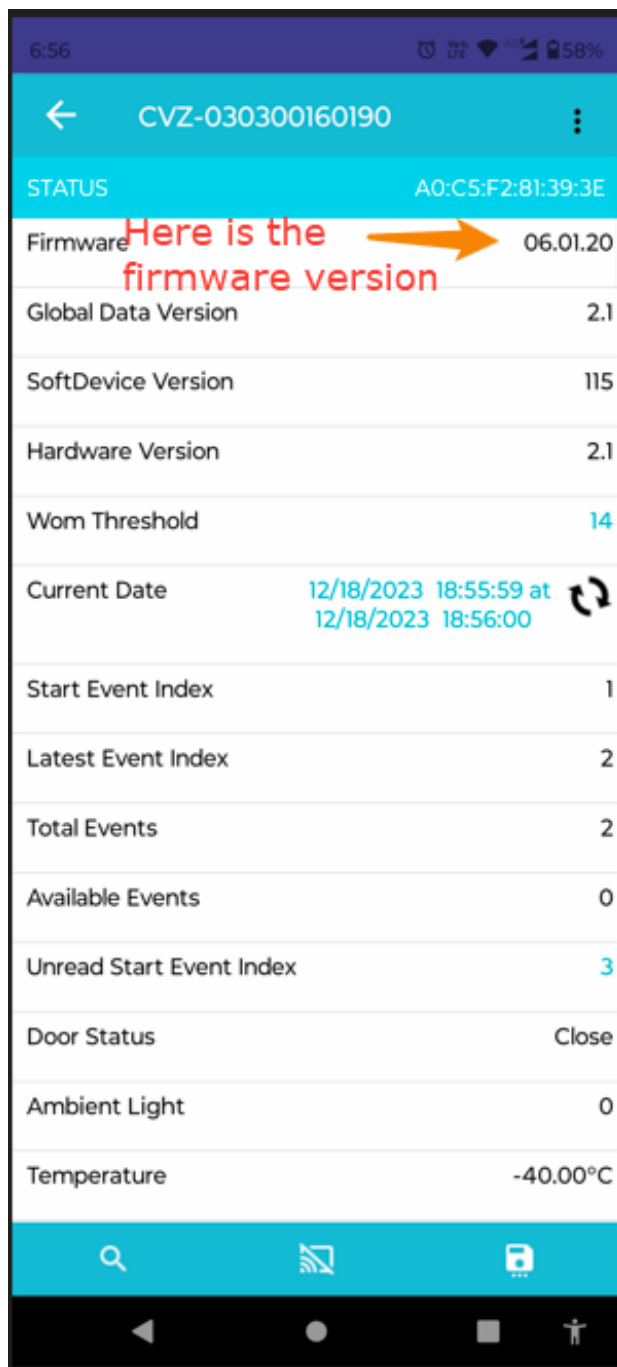
1. Click on Z icon to connect the device.
2. Once device is connected, a cross sign will be visible on the mid bottom of the screen.



- Once the status screen is visible, we can connect to the device by clicking on the cross symbol at the bottom center of the screen.

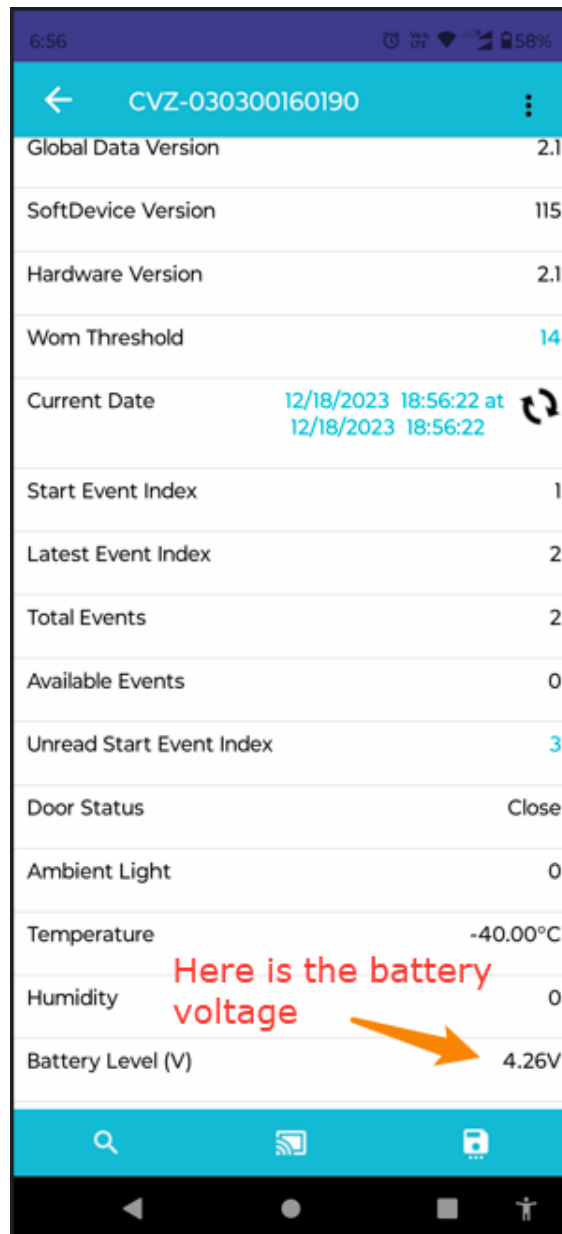


8. How to check Firmware version?



Above is just example , based on actual firmware in your device it will show in the respective slot.

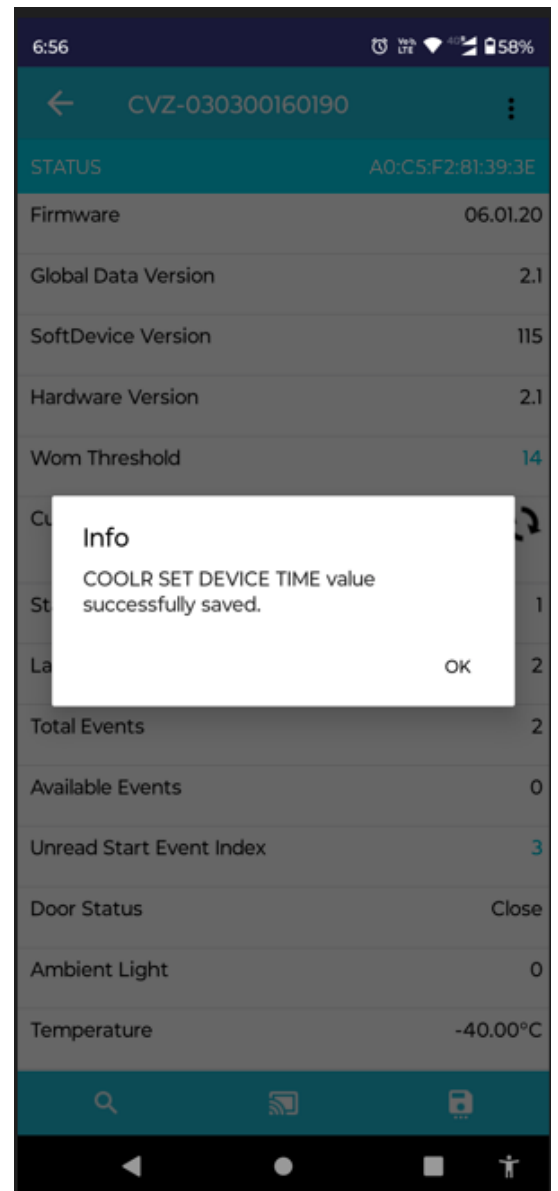
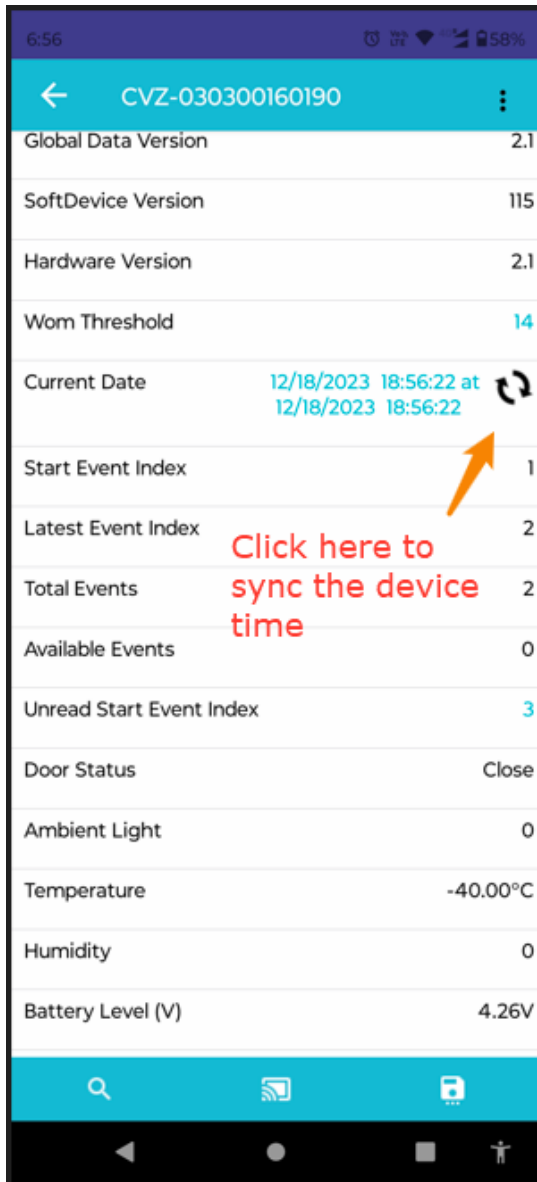
9. How to check the battery voltage?



10. How to sync the device time?

Steps

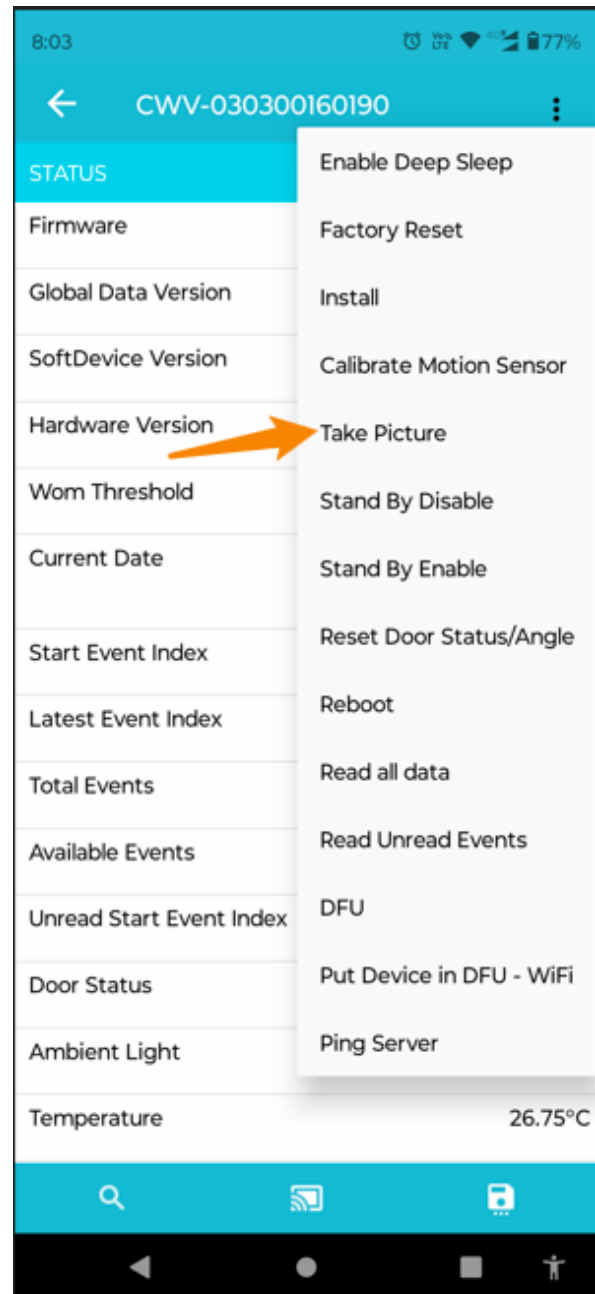
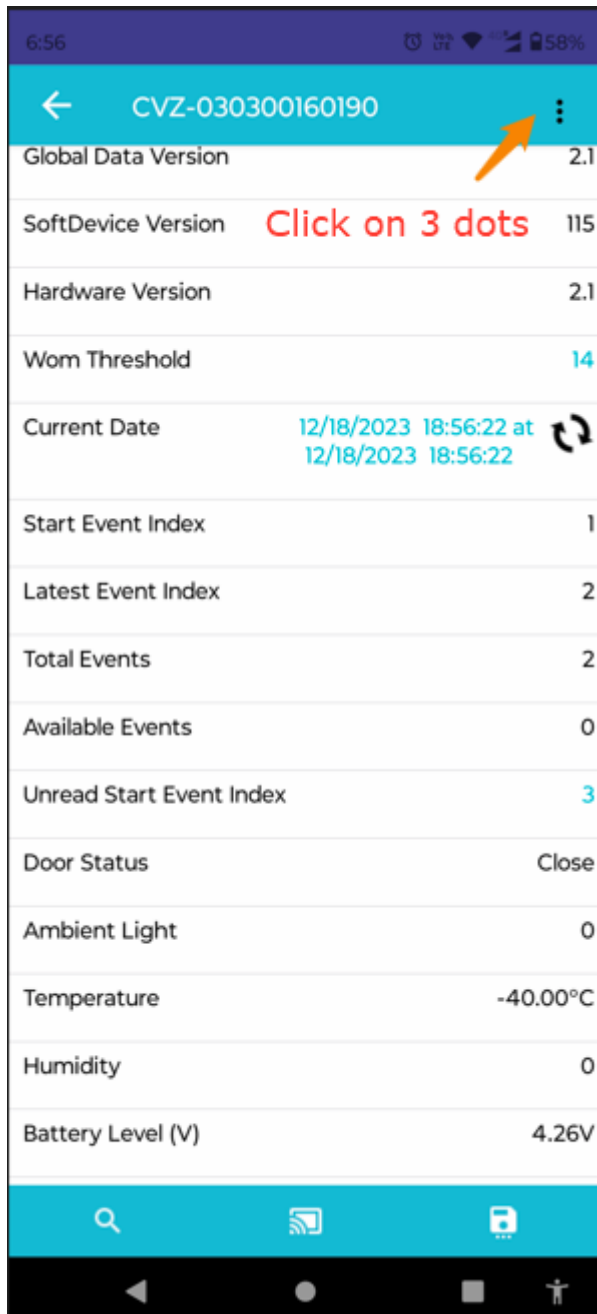
1. Click on the circle pointed in the image,
2. Once time is synced, a pop-up will be visible on the screen to confirm the same.



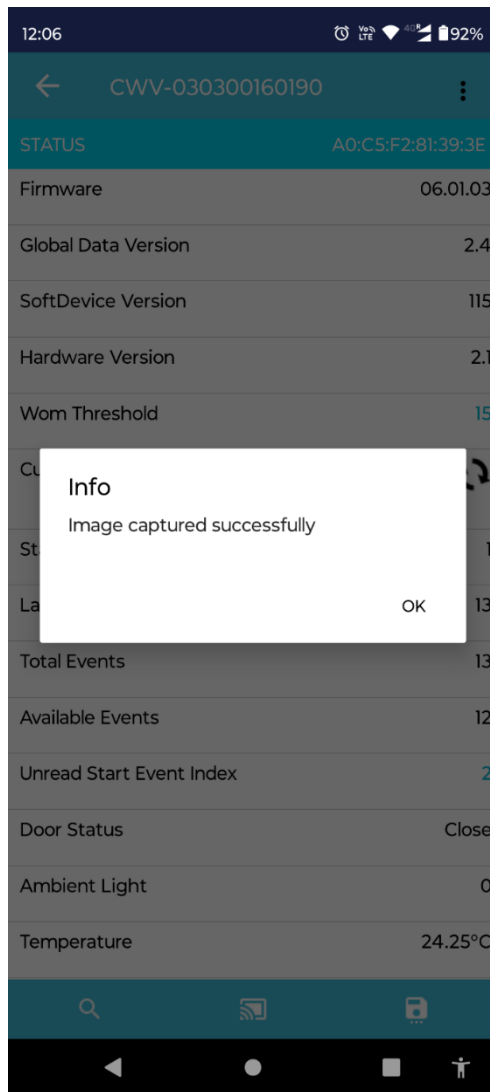
11. How to capture Image manually?

Steps -

1. Click on 3 dots,
2. Now click on Take picture to capture the image,



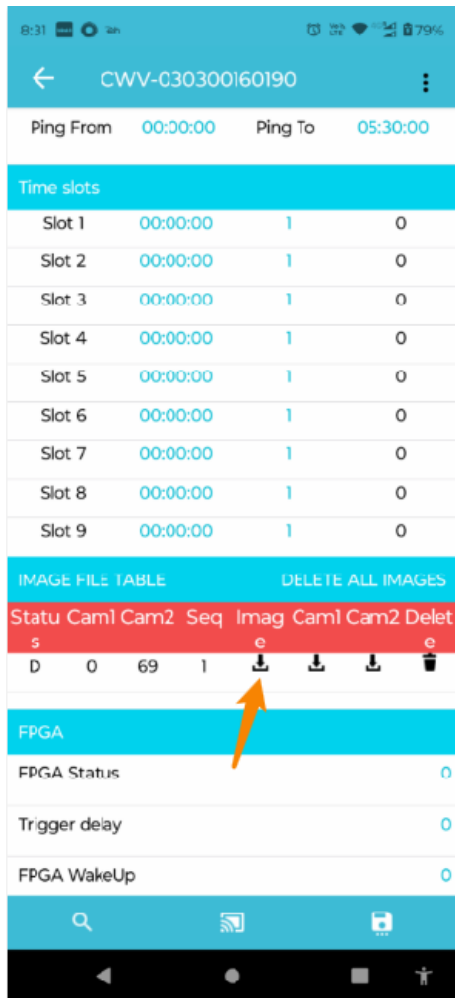
3. A popup will be shown to confirm that image is captured successfully.



12. How to download/view Image on mobile screen?

Steps-

1. Now connect the device.
2. Scroll down and go to the Image file table,
3. To download the image click on down arrow pointed in the image.



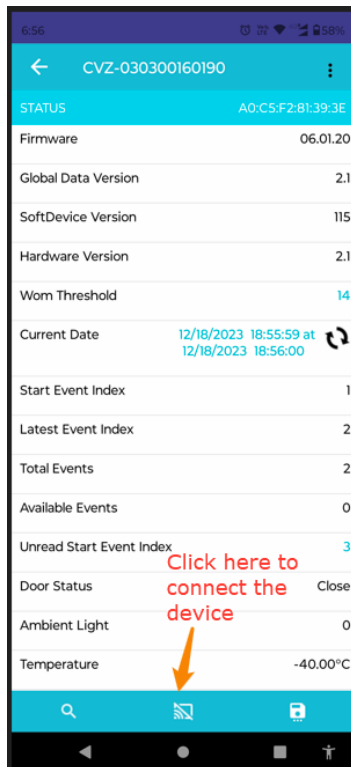
4. Once image is successfully downloaded, it will be open automatically.



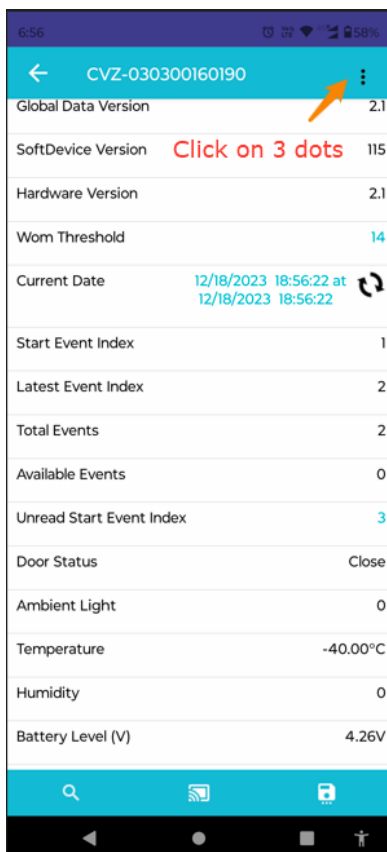
13. How to check events?

Steps –

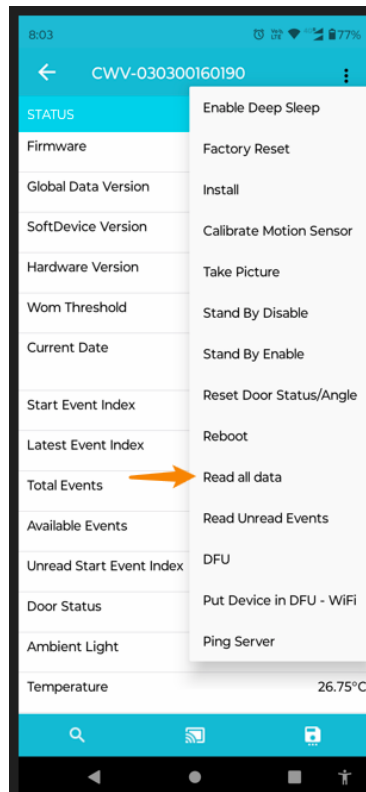
1. Connect the device by clicking on the pointed icon.



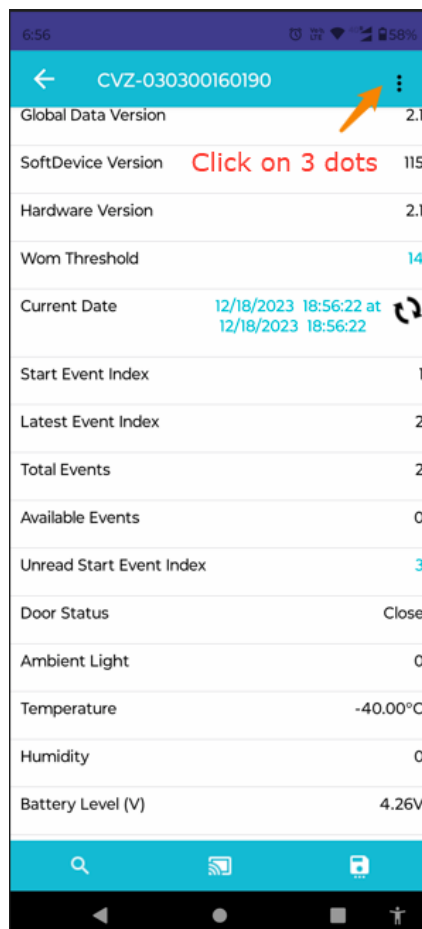
2. Now click on 3 dots.



3. Click on Read all data



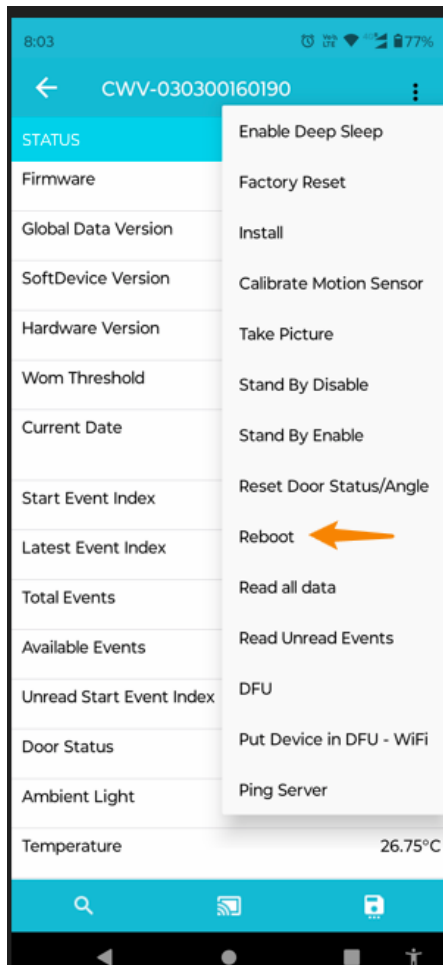
4. Here all the events can be read.



14. How to reboot the device?

Steps-

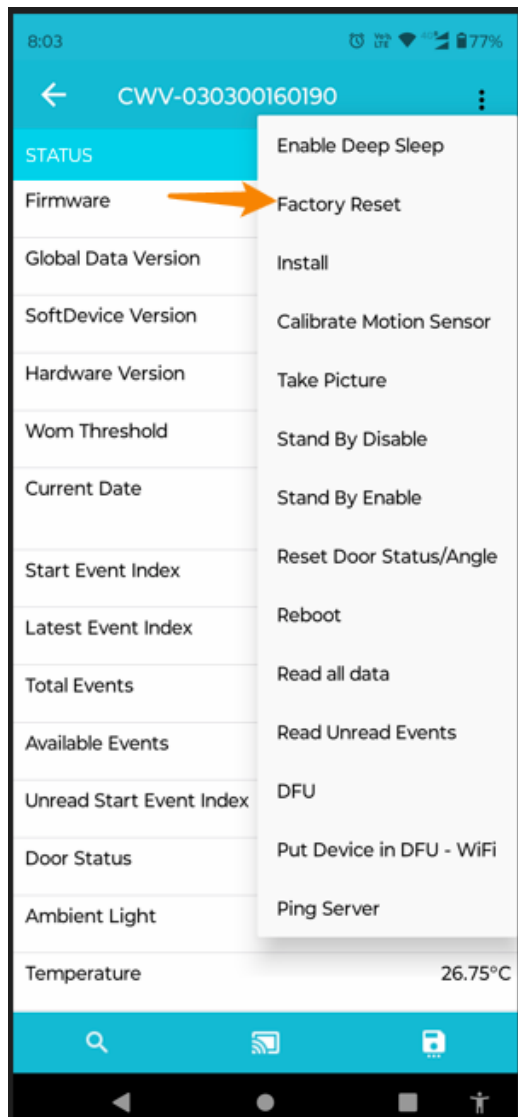
1. Connect the device first.
2. By clicking on 3 dots go to the Reboot option.



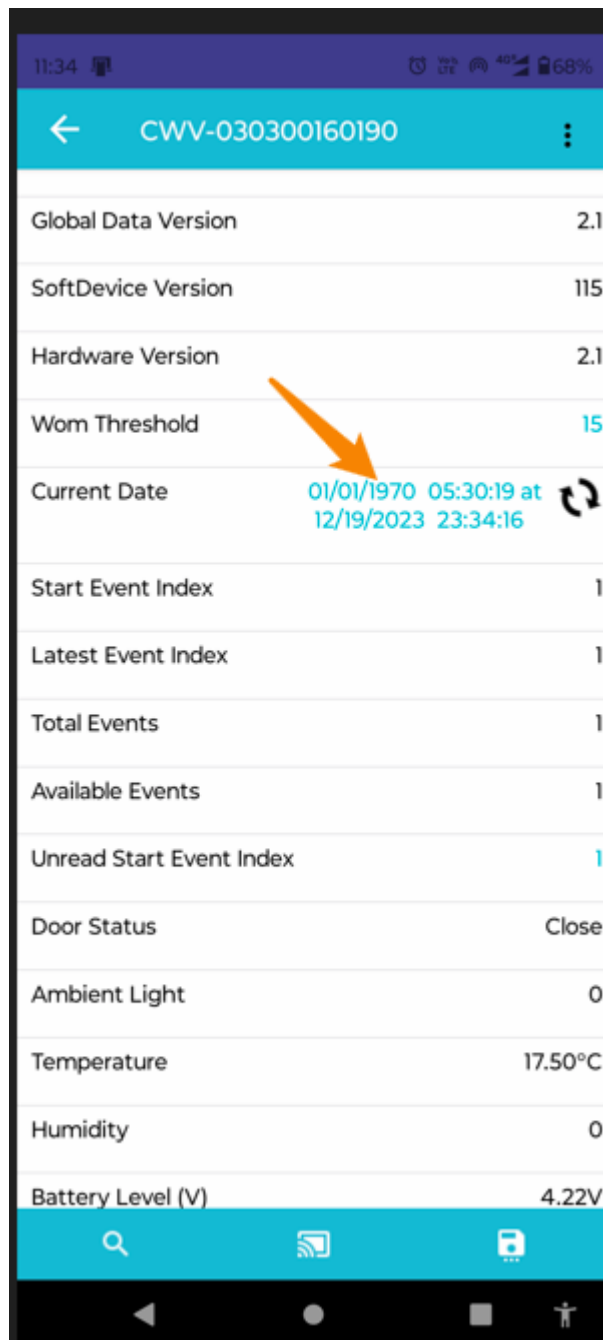
15. How to Factory Reset?

Steps-

1. Connect the device first.
2. By clicking on 3 dots go to the Factory Reset option.



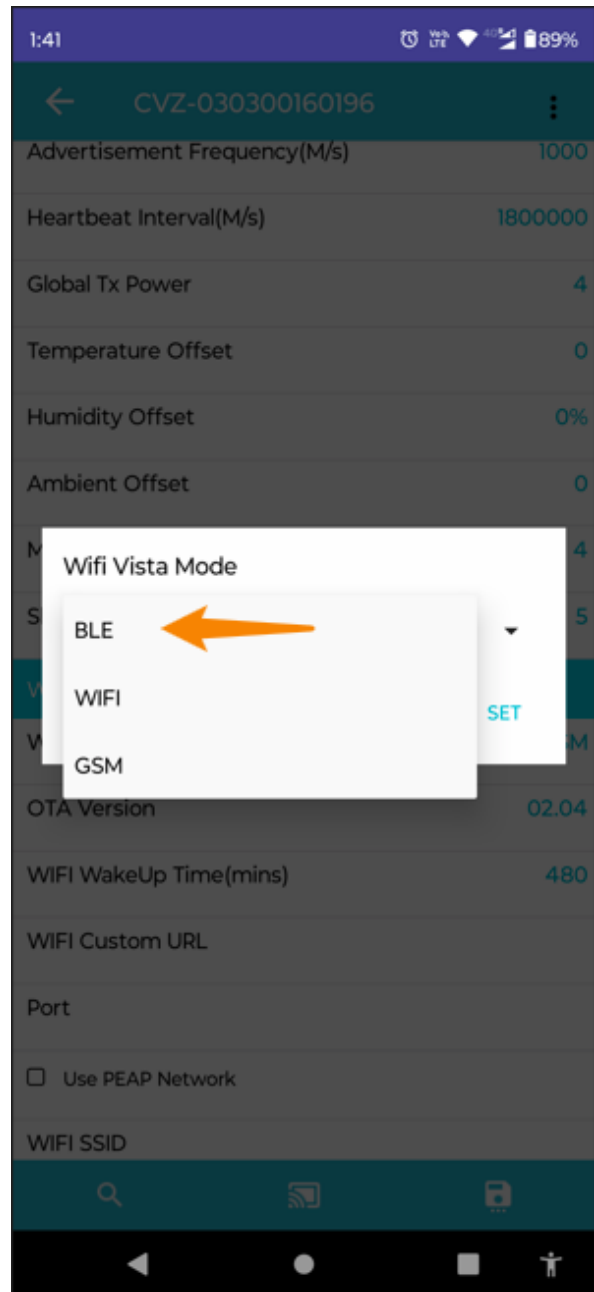
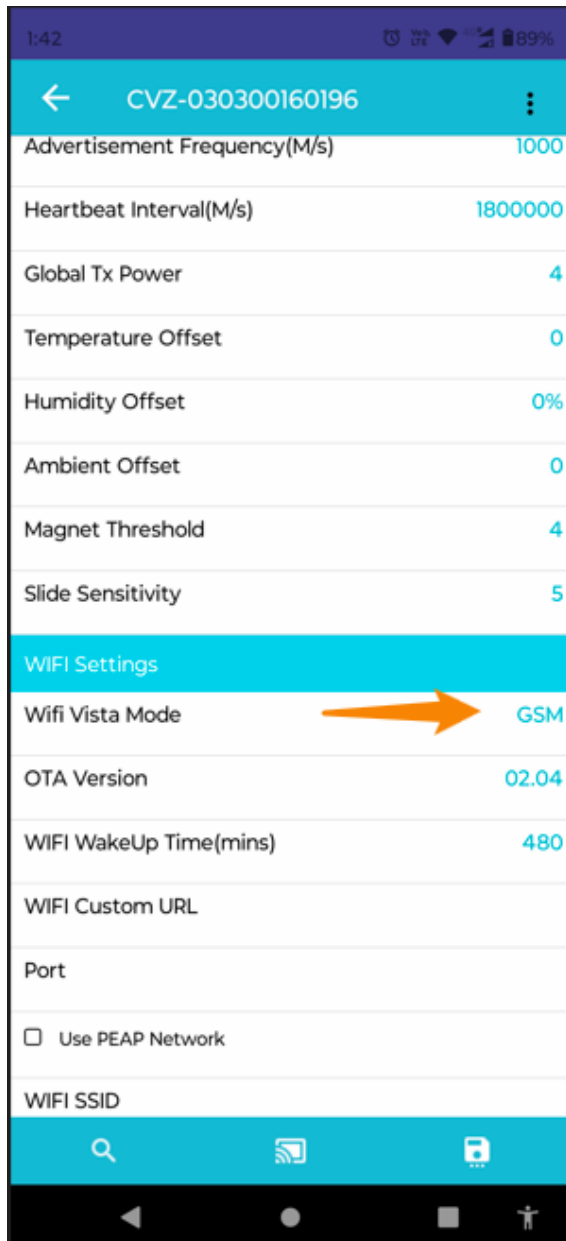
3. To check whether factory reset done or not, connect the device,
4. We can see the device time is reset.



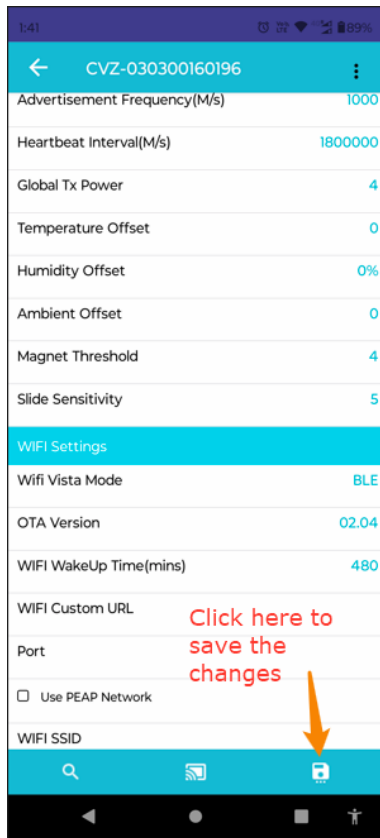
16. How to upload the image on portal over BLE?

Steps –

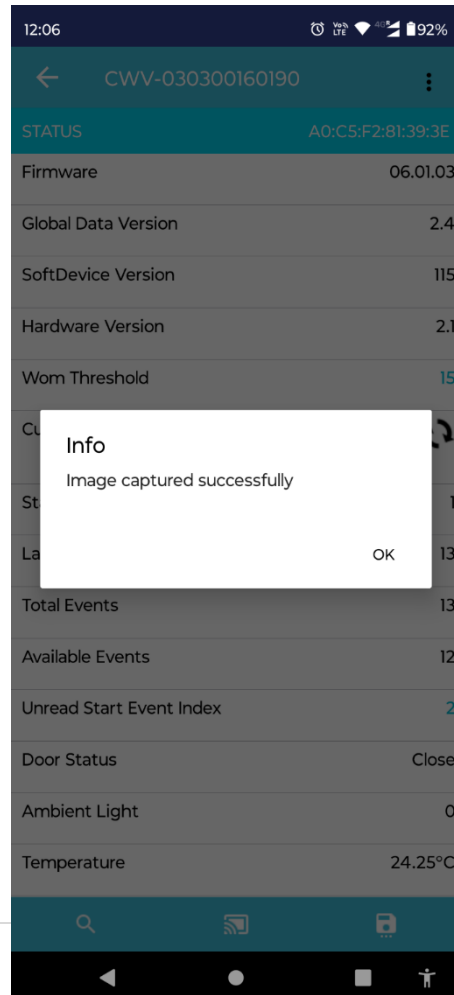
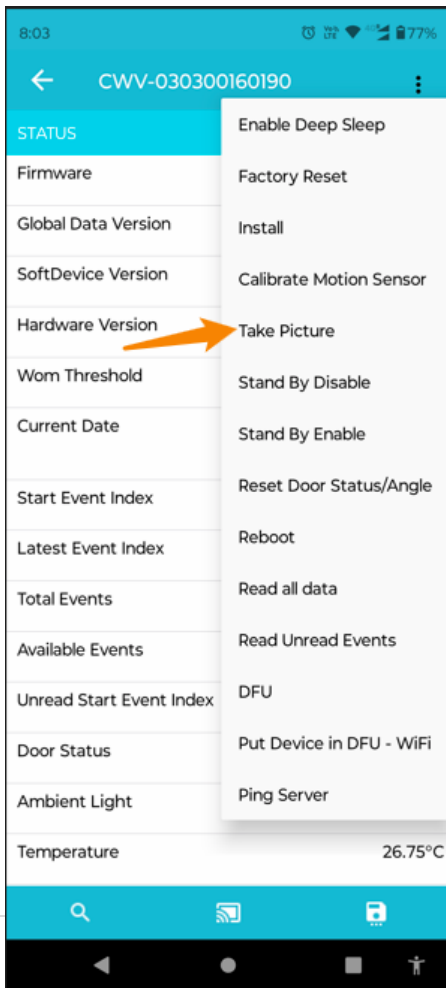
1. Connect the device.
2. Now go the WIFI Settings
3. Click on the GSM (pointed by arrow)
4. select BLE. (note by default device remains in BLE mode)



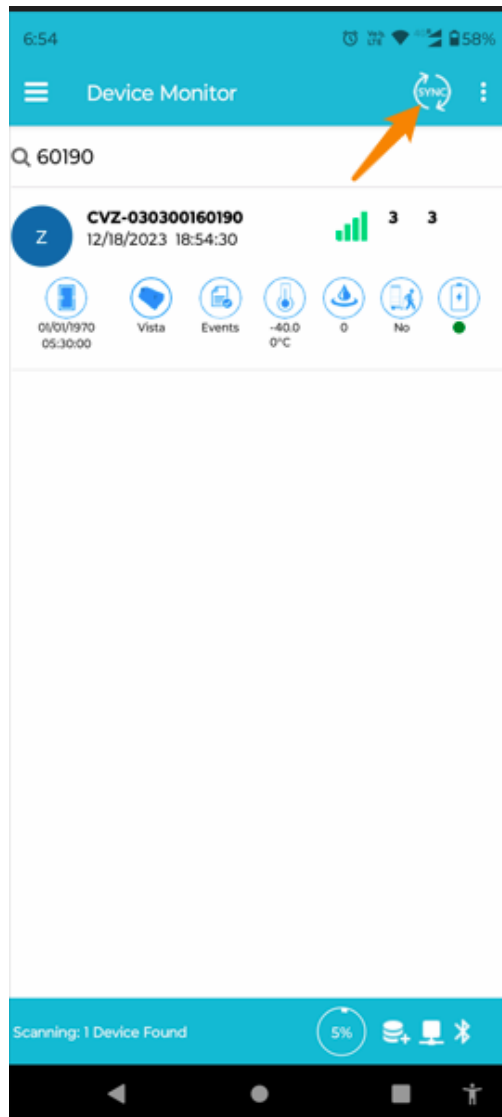
5. To save this setting click on the right bottom icon pointed in the image.



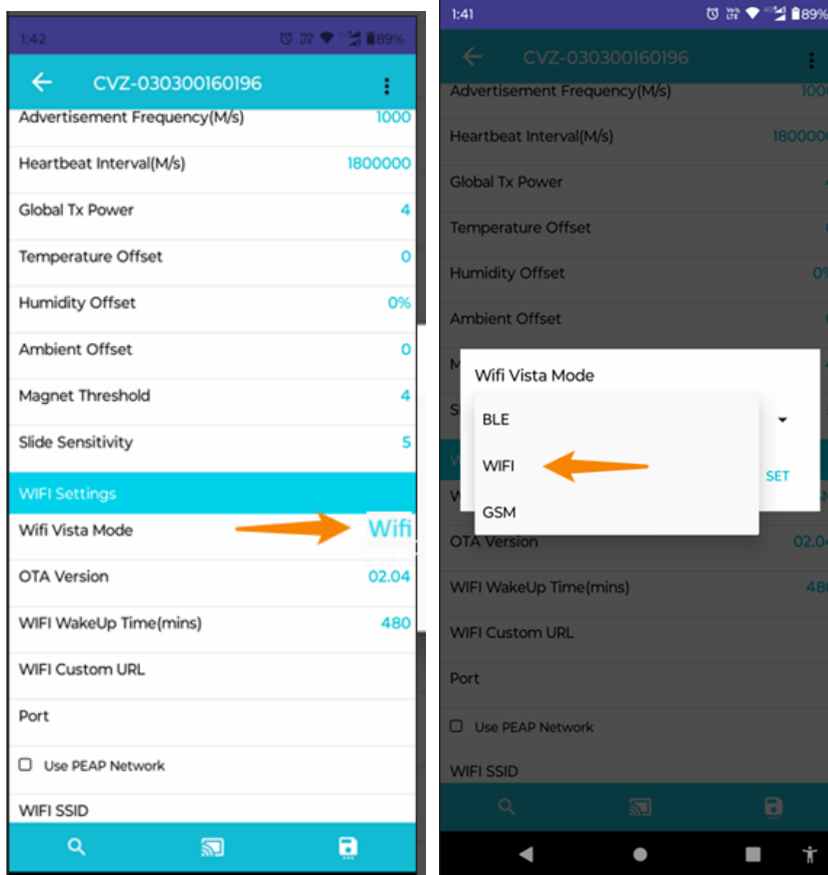
6. Now click on take picture.



7. Once image is captured successfully, then repeat the steps from 1.8 to 1.11 to sync the device, this process downloads the image from device via BLE and upload over the server.



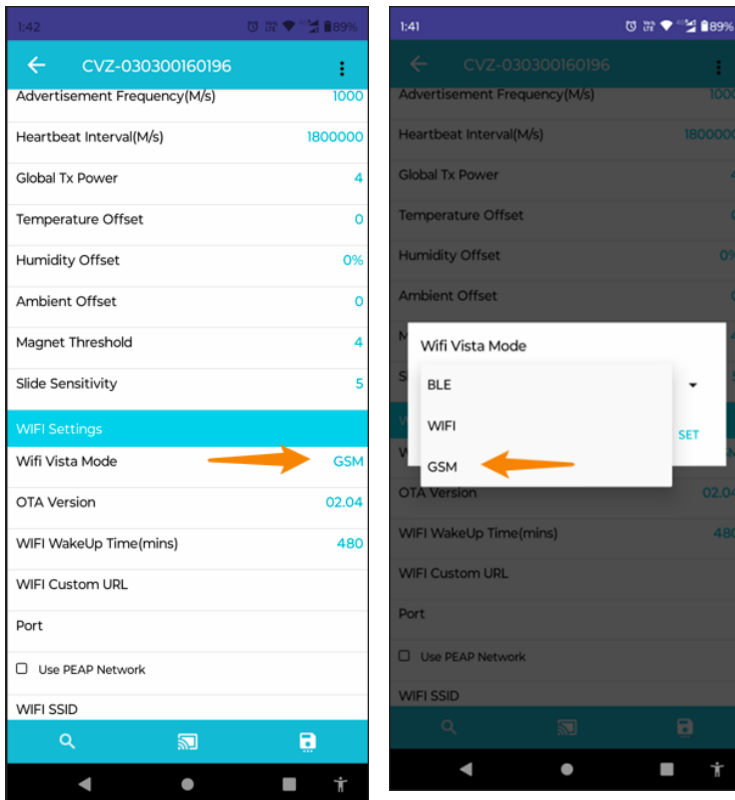
17. How to enable Wi-Fi?



18. How to upload the image on portal over WIFI?

TBD

19.How to enable cellular mode?



20. How to upload the image on portal over Cellular?

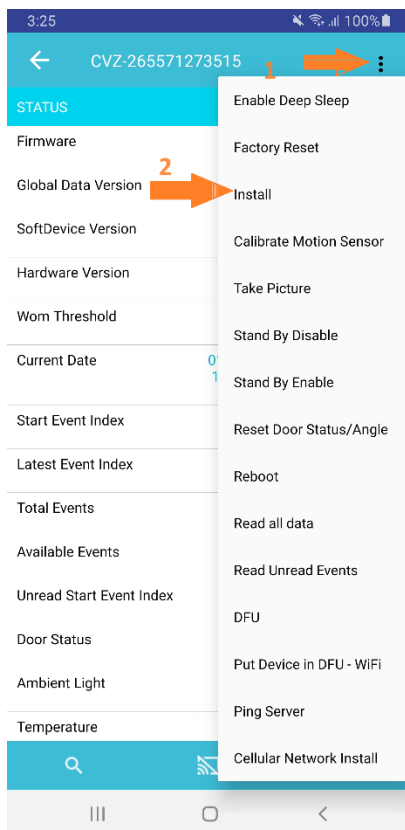
- Enable gsm mode if not enabled as section 19.
- Capture image as per section 11.

21. How to set time slot for image capture?

TBD

22. How to enable door detection capability?

1. Click on three dot.
2. Click on install.
3. Now door detection capability is ready to use.



23.Other: TBD

- 23.1. How to Increase RN app disconnect time duration with the VistaZ device?
- 23.2. How to search and connect multiple devices?
- 23.3. How to set Coolr Server address in RN app?
- 23.4. How to increase BLE ping interval?
- 23.5. How to set Tx power of BLE?
- 23.6. How to set cellular APN, Band, channel etc.
- 23.7. How to set coolr server/website setting
- 23.8. Door Slot setting

24.FCC Warning:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.*
- Increase the separation between the equipment and receiver.*
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- Consult the dealer or an experienced radio/TV technician for help.*

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation