



VISION GROUP

FACTORY ASSOCIATION

APPLICATION GUIDE
MAY 2026

World's Leading AI-driven End-to-end Solution Platform for Retail Revolution

APPLICATION FEATURES

- **Association** – To associate the Smart Device with the Cooler in the factory.
- **Success Association Info** – To show the Successful Association Logs by Date with a message.
- **Failure Association Info** – To show the Failure Association Logs by Date with a message.
- **Association Overview** – To summarise the Total Number of associations done.

PHONE SPECIFICATIONS

Component	Minimum Requirements
OPERATING SYSTEM	Android 12.0
OPERATING MEMORY (RAM)	4 GB And Above
FREE STORAGE	4 GB
CAMERA	At Least 5.0 MP With Autofocus
PROCESSOR (CPU)	A Quad-core Processor Or Faster
BLUETOOTH	BLE v5.0 or Above

APPLICATION INSTALLATION

VISION IOT

Factory

APPLICATION	APP VERSION	TYPE (PROD/TEST)	RELEASE DATE	RELEASE NOTES	MANUAL PDF	MANUAL DOCK/PPTX
Factory	10.1	Production	03/12/2025	Changelog v10.1	Version_10.1	-
Factory	10.0	Test	13/11/2025	Changelog v9.13	Version_9.3	-
Factory	9.13	Production	30/10/2025	Changelog v9.13	Version_9.3	-
Factory	9.12	Production	08/10/2025	Changelog v9.12	Version_9.3	-
Factory	9.10	Production	19/08/2025	Changelog v9.10	Version_9.3	-
Factory	9.8	Test	13/06/2025	Changelog v9.8	Version_9.3	-
Factory	9.7	Production	15/05/2025	Changelog v9.7	Version_9.3	-
Factory	9.5	Production	14/04/2025	Changelog v9.5	Version_9.3	-

Factory QC

APPLICATION	APP VERSION	TYPE (PROD/TEST)	RELEASE DATE	RELEASE NOTES	MANUAL PDF	MANUAL DOCK/PPTX
Factory QC	3.6	Production	03/12/2025	Changelog v3.6	Version_3.6	-
Factory QC	3.5	Production	18/09/2025	Changelog v3.5	Version_3.1	-
Factory QC	3.4	Production	19/06/2025	Changelog v3.4	Version_3.1	-
Factory QC	3.3	Production	14/04/2025	Changelog v3.1	Version_3.1	-
Factory QC	3.2	Test	24/03/2025	Changelog v3.1	Version_3.1	-
Factory QC	3.1	Production	12/02/2025	Changelog v3.1	Version_3.1	-

- Install the “**FACTORY**” APK downloaded via the link.
- URL:** <https://apps.visioniot.net/downloads/Android/OEMFactory/>

The Factory Association OEM application is compatible only with smartphones running Android 12.0 or later.

1. Open Vision Group Retail's Factory Association Application.
2. Log in to the application using the credentials provided by your administrator.

Suggested Note: Before installing every new version, Logout and delete the previous version.

Note: Please ensure Bluetooth, mobile Wi-Fi, or mobile data is ON in the device.

APPLICATION PERMISSION

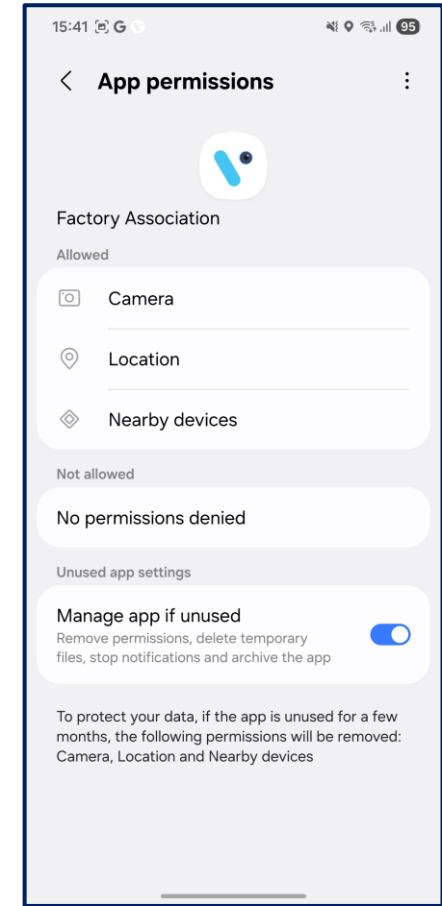
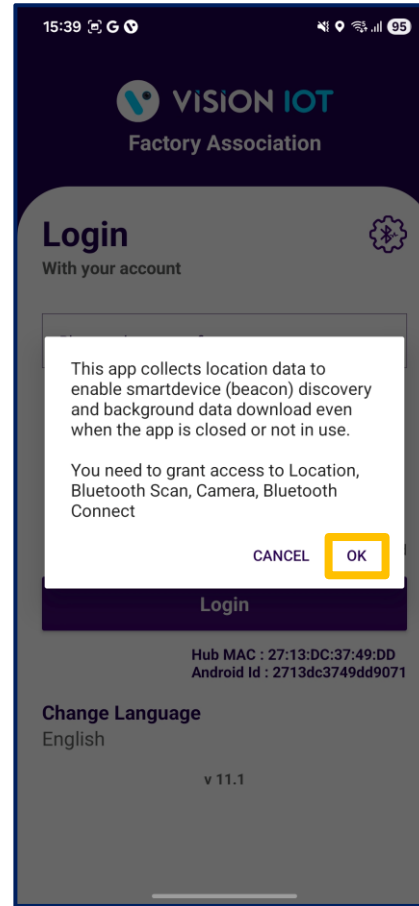
After initial installation and launch, the Application will ask for permission to access.

Choose Server: For CCH and CCEP, the user can use the OEM Factory server.

Camera Permission, File and Media Permission, Location Permission, and Nearby Device Permission Need to be allowed.

PERMISSIONS

- For Location - Choose Allow While Using App on as per Handset OS.
- Then Go to the Phone Settings > App Permissions > Location > Allow Location Access option is "Always".
- In the same way, Other Permissions like File and Media, Camera, and Nearby Device need to be allowed.



LOGIN

15:40 100% 95

VISION IOT
Factory Association

Login

With your account

OEMFactory ▾

Username

Password

[Forgot Password](#)

Login

Hub MAC : 27:13:DC:37:49:DD
Android Id : 2713dc3749dd9071

Change Language
English

v 11.1

After installing the Factory Association OEM Application, open it, and the user will be redirected to the Login Page. Choose a server from the list and log in with valid credentials.



Please ensure that Bluetooth is turned on and that location services are enabled.



To log in, the application needs an active internet connection.



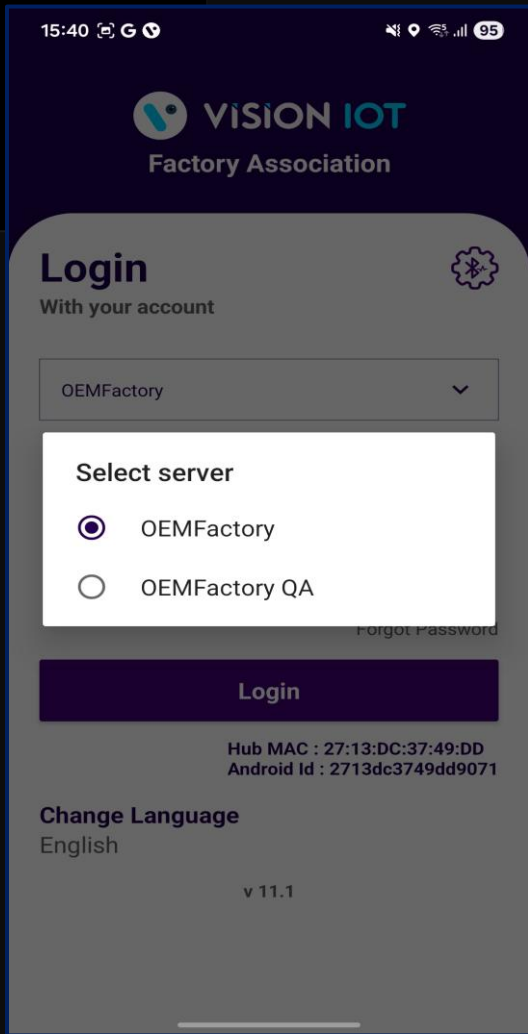
After logging in initially, the application can be used in offline mode as long as the same username and password used for the online login are used.



Devices must have at least 4GB of RAM and Bluetooth version 5.0 or higher.



The minimum required operating system version is 12.0 or above.



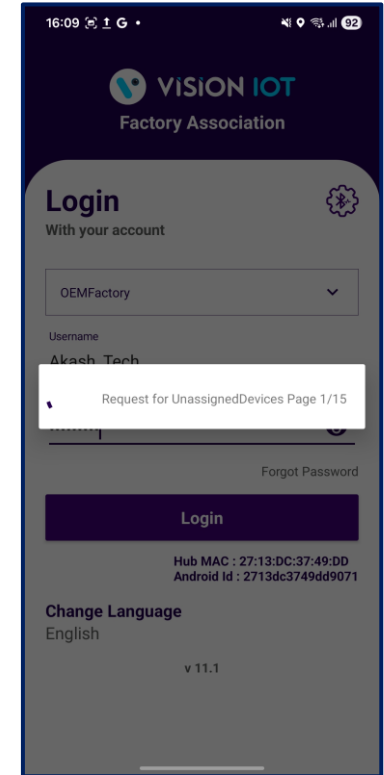
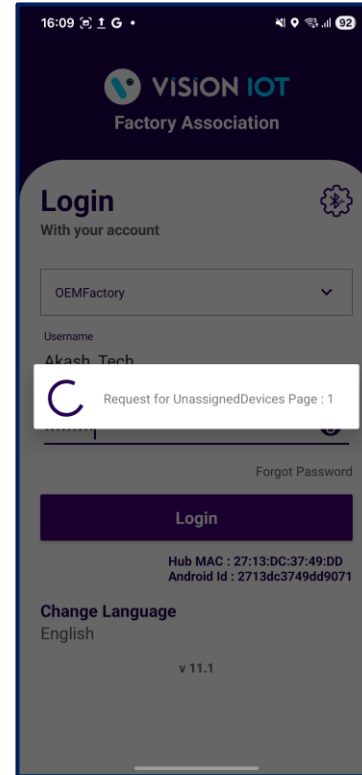
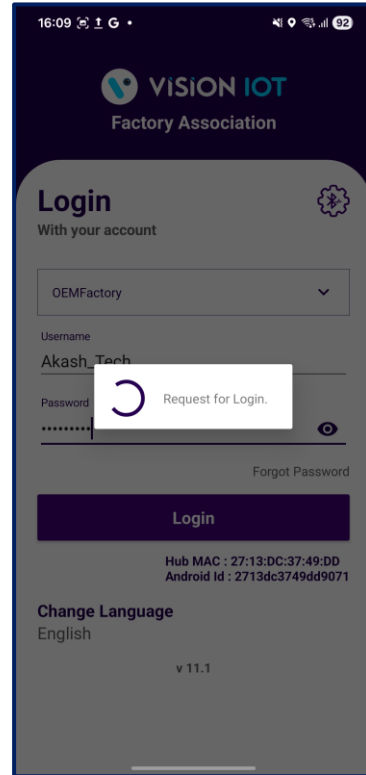
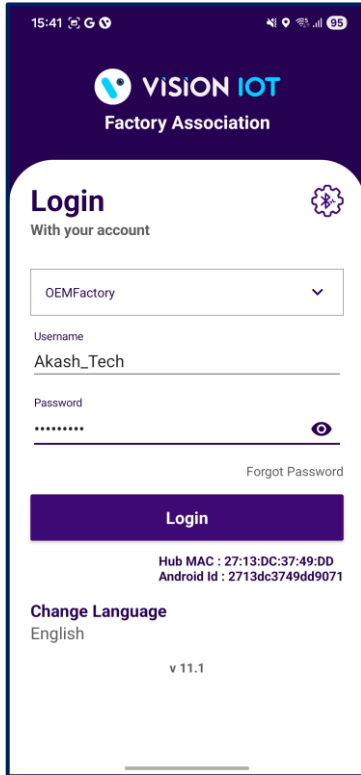
- The default **OEM Factory** Server shows, depending on the Client and Factory user, should choose a different option.

For **CCH** and **CCEP**, the user to use the OEM Factory server.

- To change the language, tap on **Change Language**, and the user can choose the language. Currently, there is English language support available.
- Depending on the Android version, the user may get several different prompts to confirm access to the camera, Bluetooth (location services), Storage, etc.

Provide valid credentials and tap on the Login button. Please be advised that the application will need some time to download data from the cloud.

Note: Internet connectivity is required during login; otherwise, the login will fail, and the application will not work.



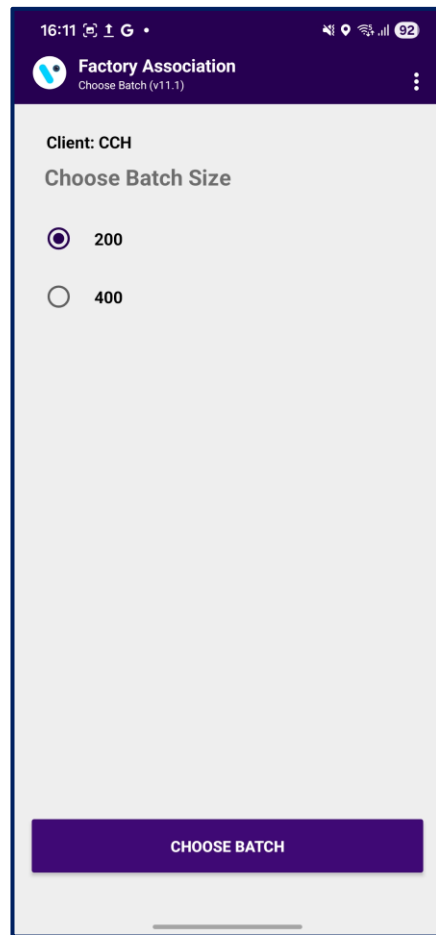
SELECT BOTTLER/CLIENT

Users must choose the bottler/client for whom they are doing the smart device association.



CHOOSE BATCH SIZE

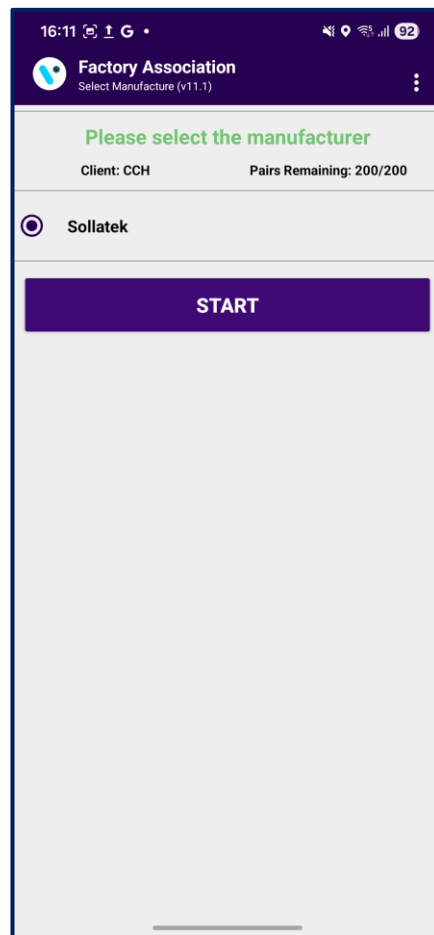
Once the client selection is done, the user must choose the pool batch size to initiate device association for that client.



SELECT MANUFACTURER

Users must choose the cooler manufacturer according to the smart device type.

- For **VISION GROUP** Devices, select **Vision IOT**.
- For **Sollatek** Devices Select **Sollatek**.
- For **Carel** Devices Select **Carel**.



SELECT MANUFACTURER

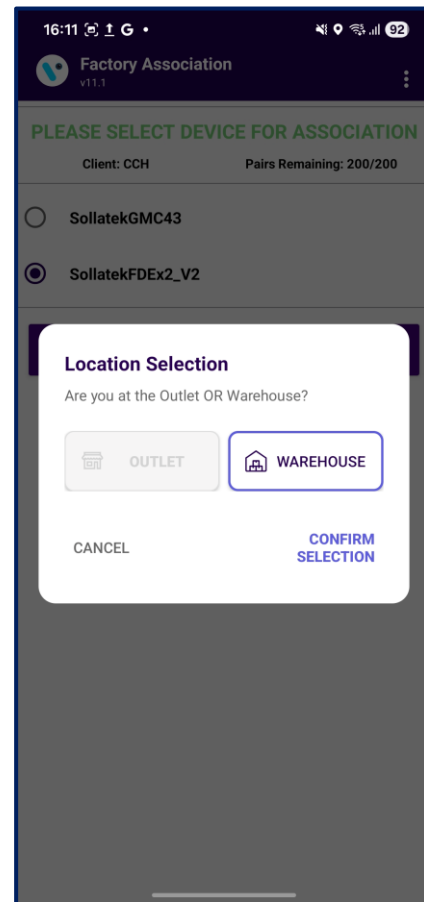
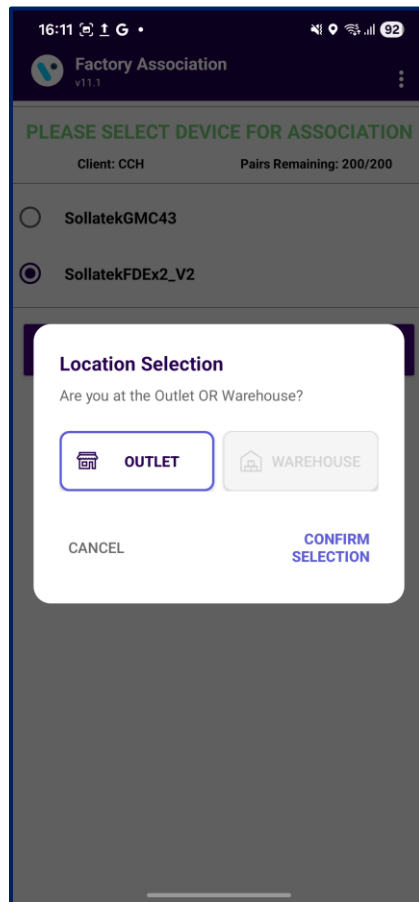
LOCATION SELECTION – During the device association process, the application displays a **Location Selection** pop-up asking the user to choose their current location type: **Outlet** / **Warehouse**.

- **OUTLET SELECTION** – When the user selects the **Outlet** option and confirms the selection, the association process continues successfully.

For subsequent association attempts, the application will not display the same location selection pop-up again, and the previously selected Outlet option will be used as the default for upcoming associations.

- **WAREHOUSE SELECTION** – When the user selects the **Warehouse** option and confirms the selection, the association process continues successfully.

The application will **skip the location selection pop-up for the next 24 hours** for all upcoming associations. After the 24-hour period has elapsed, the application will again display the **Location Selection** pop-up during the next association attempt.

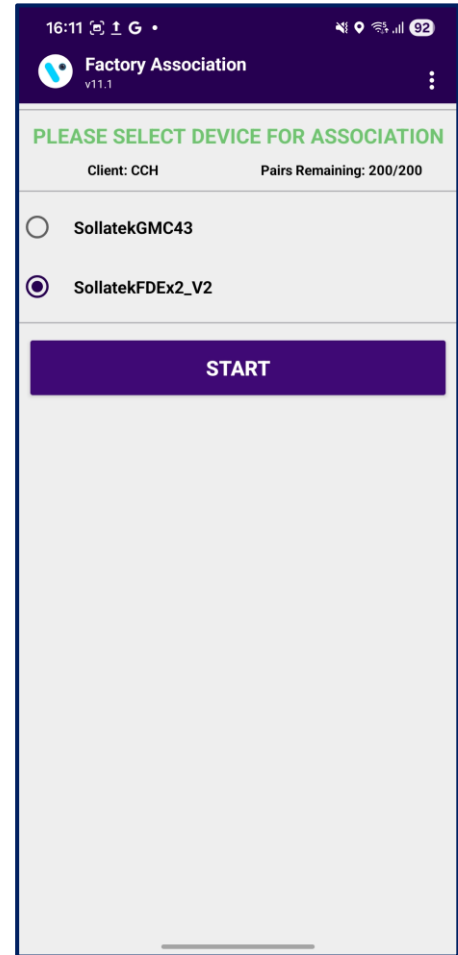


SELECT SMART DEVICE

Select the Smart Device Type for which the user needs to do association. The association-supported smart device list is shown in the display.

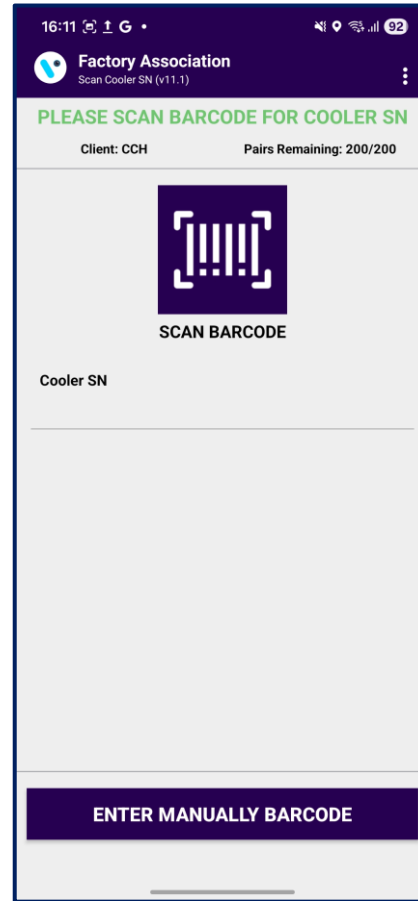
Users must choose their smart device type from the list of those for which they want to do the association.

- If a **SollatekFDEx2_v2** will be associated, please choose **SollatekFDEx2_v2** and click on the START button.



SCAN COOLER SN

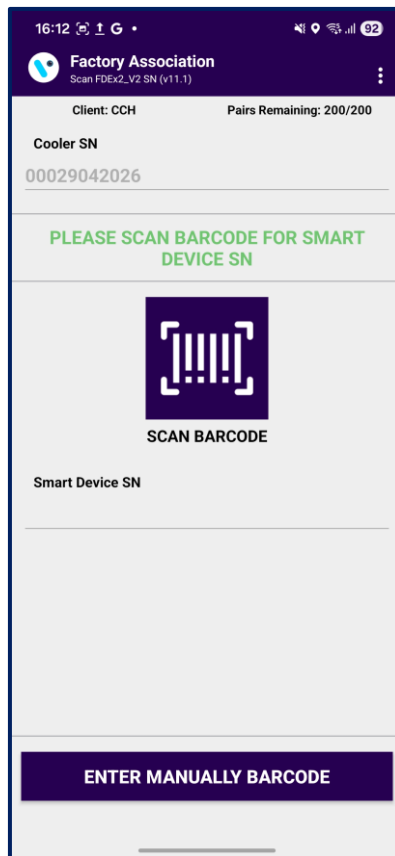
Tap on **SCAN BARCODE** and scan the barcode of the cooler. Cooler Serial Numbers could also be entered manually by tapping on the **ENTER MANUALLY BARCODE**.



SCAN SMART DEVICE SN

Start the Device Advertisement (Follow the Wake-Up Process based on the Selected Smart Device Type).

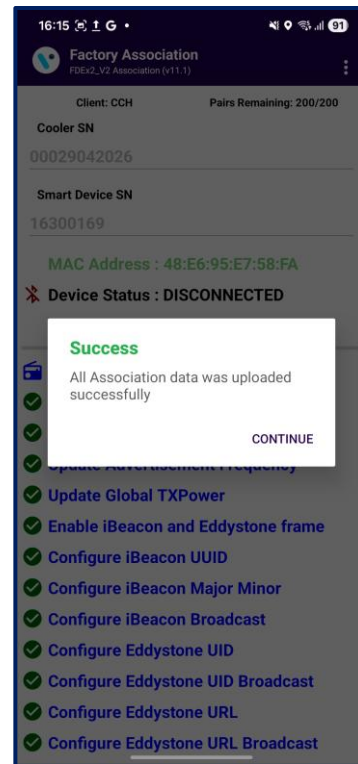
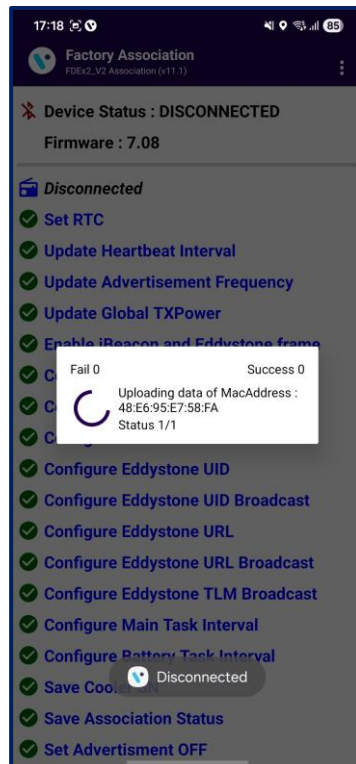
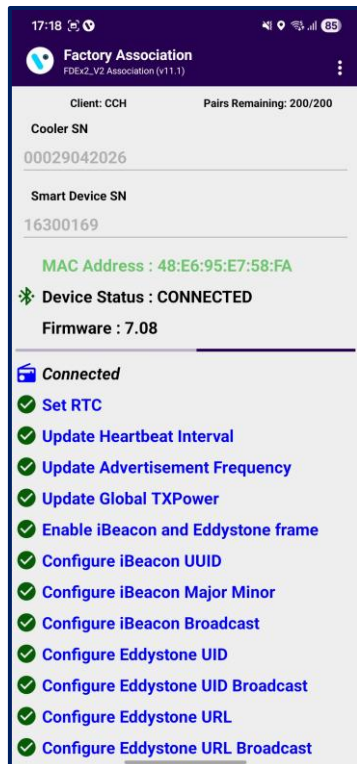
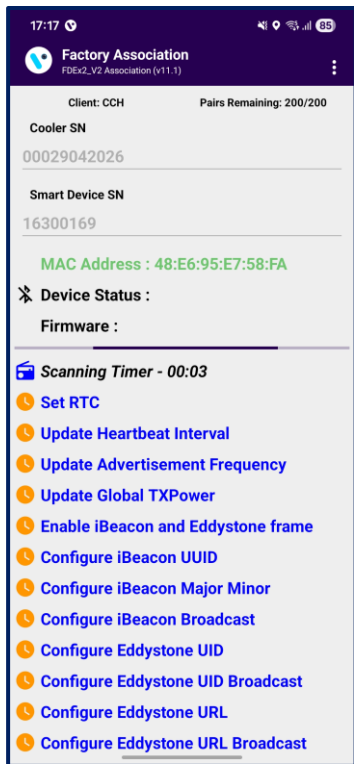
SCAN BARCODE for Smart Device Serial(BT SN) and scan the barcode of the Smart Device. Smart Device Serial Number could also be entered manually by tapping on **ENTER MANUALLY BARCODE**.



CONFIGURATION SETUP

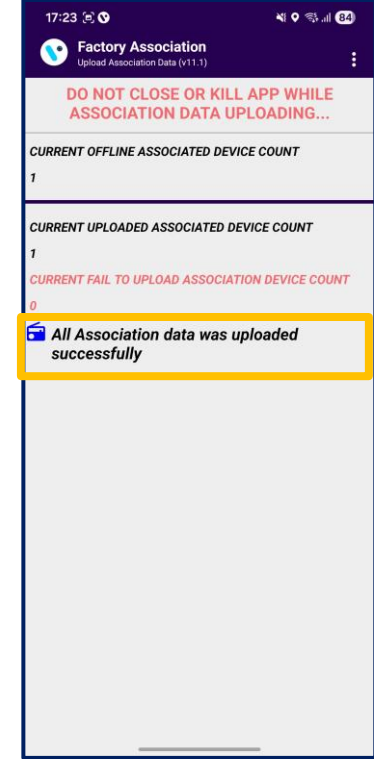
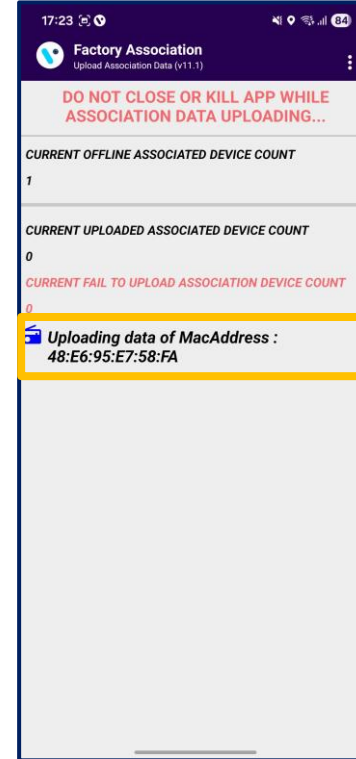
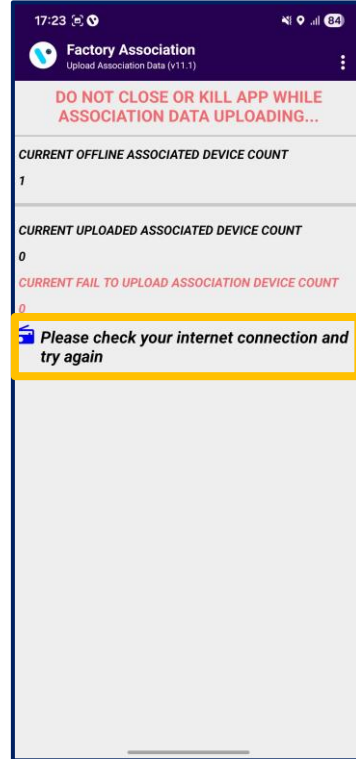
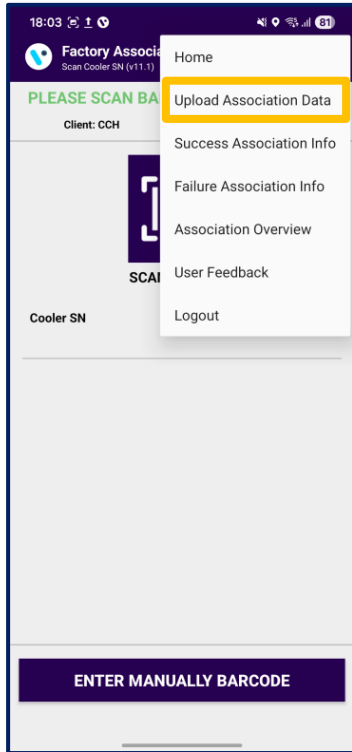
The application will initialize the association process and respectively show the SUCCESS message.

If the scanning timer reaches 30 seconds without finding a device, try to wake the device according to its specific Device wake-up logic. Also, ensure that the device is properly installed in the cooler.



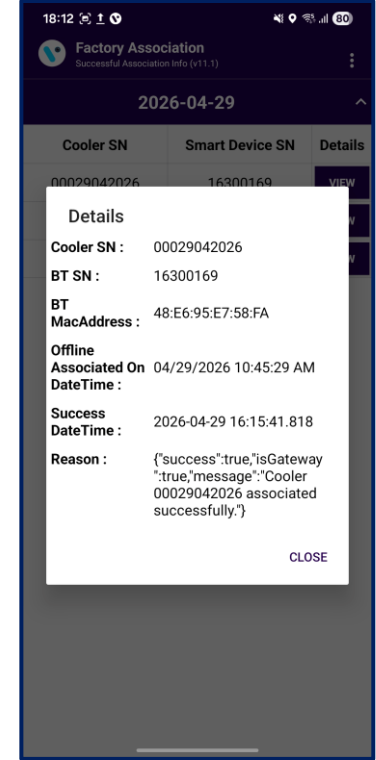
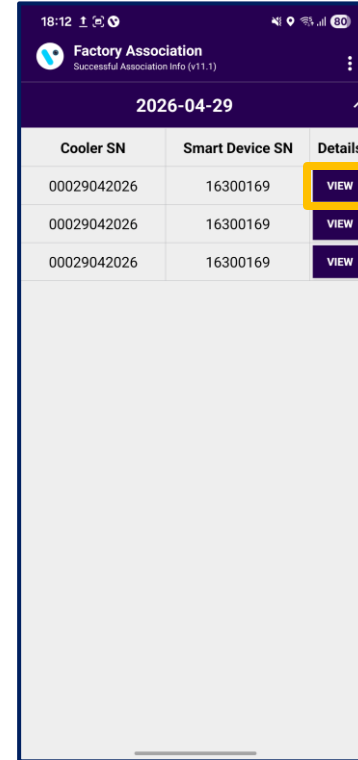
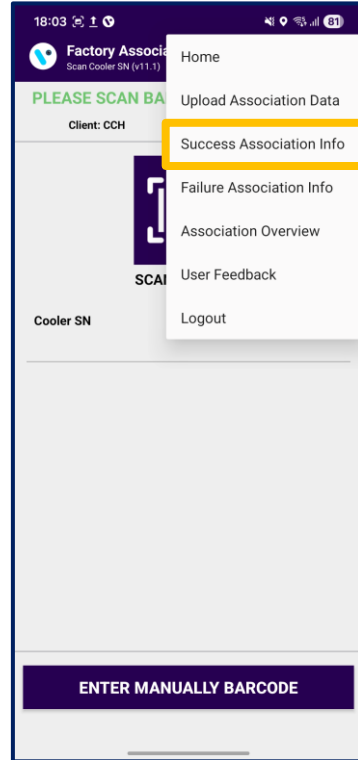
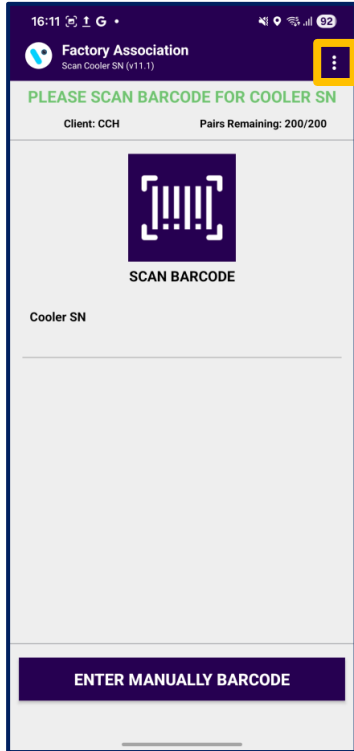
LOGS – UPLOAD ASSOCIATION DATA

To verify that all associated data has been uploaded, tap on the hamburger menu located in the upper right corner, then select **Upload Association Data**. Once the upload is complete, a prompt will appear stating that all association data has been uploaded successfully. If there is no data to upload, a prompt indicating this will be displayed.



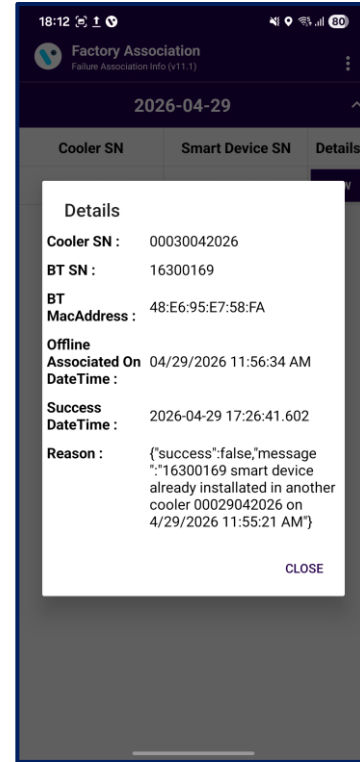
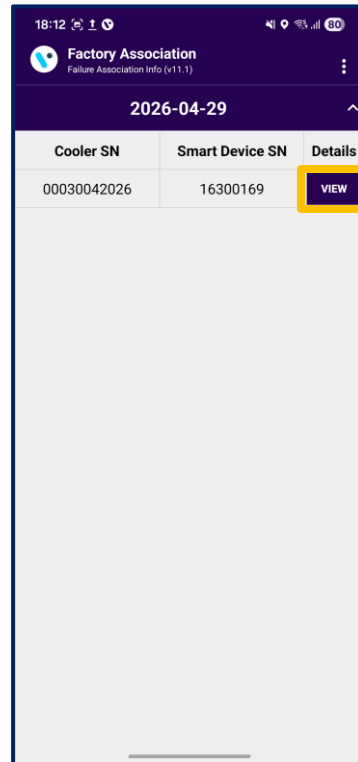
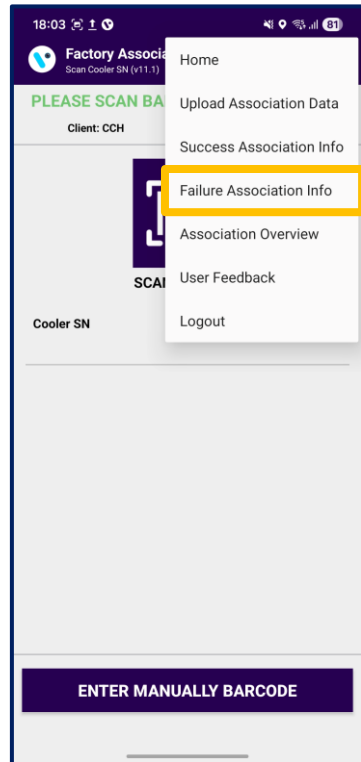
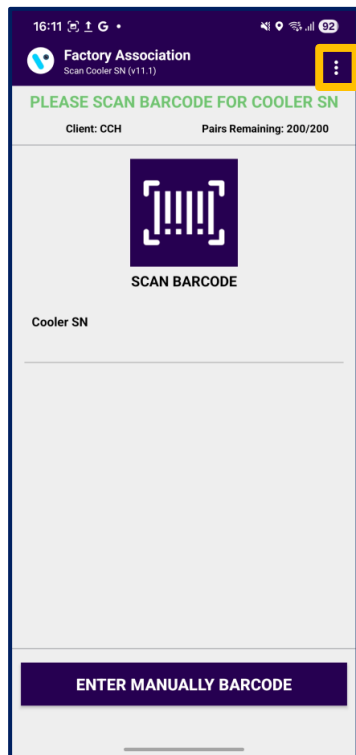
LOGS – SUCCESS ASSOCIATION INFO

To check all Successful Associations Info, tap on the hamburger menu in the upper right corner and then tap on **Success Association Info** and view the button showing details of the association.



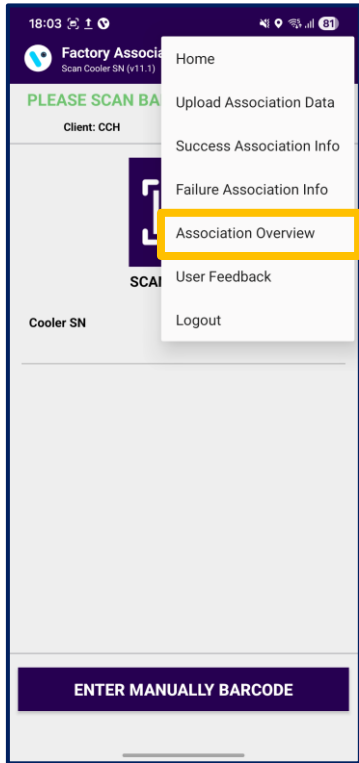
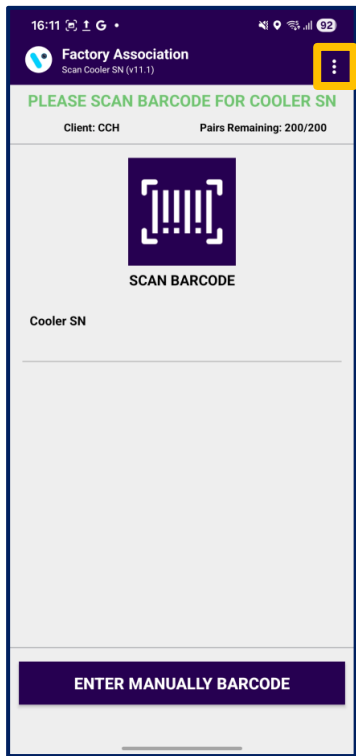
LOGS – FAILURE ASSOCIATION INFO

To check all Failure Associations Info, tap on the hamburger menu in the upper right corner and then tap on **Failure Association Info** and view the button showing details of the association.



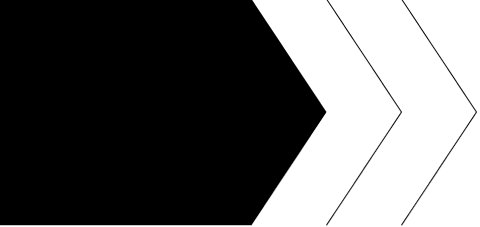
LOGS – ASSOCIATION OVERVIEW

To Associations Summary Overview, tap on the hamburger menu in the upper right corner and then tap on **Association Overview** and view the button showing details of the association.



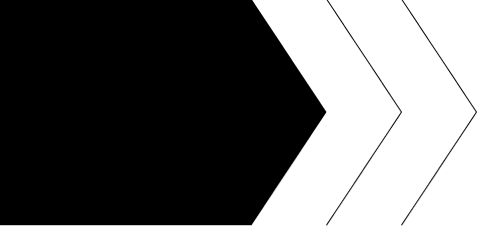
MESSAGES – SUCCESS MESSAGES

MESSAGE	MESSAGE DETAILS	SOP ACTION
SUCCESS – No Association Data Is Available For Upload	Shown when there is no data for upload.	No Action Needed.
SUCCESS – All Association Data Was Uploaded Successfully	Shown when all association data is uploaded.	No Action Needed.
SUCCESS – There Are No Failed Associations	Shown on the failure association info screen when there are no associations that have failed.	No Action Needed.
SUCCESS – Smart Device <SD SN> Is Associated Successfully To Cooler <Cooler SN>	Shown after successful association.	No Action Needed.



MESSAGES – ALERT MESSAGES

MESSAGE	MESSAGE DETAILS	SOP ACTION
ALERT 50 – You Must Upload Association Data In Order To Logout	Shown when the user presses logout but offline associated data is available.	Turn on the Internet/Wi-Fi and tap to continue for pending data uploading.
ALERT 51 – Do Want To Upload Association Data To Avoid Missing Data?	Shown on the device selection screen when offline associated data is available.	Turn on the Internet/Wi-Fi and tap to continue for pending data uploading.
ALERT 52 – Please Select What Smart Device You Want To Associate	Shown on the device selection screen when the user does not select any device option for the association.	Choose the type of smart device that the user wants to associate with.
ALERT 53 – No Associations Were Uploaded	Shown on successful association info when no successful info is there.	No Action Needed.

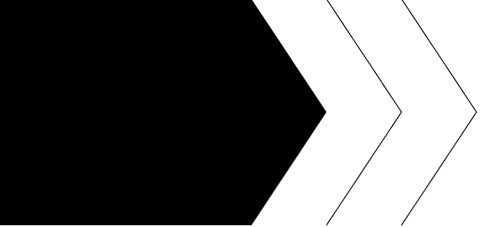


MESSAGE	MESSAGE DETAILS	SOP ACTION
ALERT 54 – Cooler Serial Number Is Not Scanned	Shown on the cooler SN screen when the user canceled the barcode reading.	Need to Scan Again Cooler SN to Scan it, If the Barcode is not Scannable then contact support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
ALERT 55 – Smart Device Serial Number Is Not Scanned	Shown on the smart device SN screen when the user canceled the barcode reading.	Need to Scan Again Cooler SN to Scan it, If the Barcode is not Scannable then contact support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
ALERT 56 – You Must Upload Association Data	Shown on the device selection screen when offline data is available.	Turn on the Internet/Wi-Fi and tap to continue for pending data uploading.

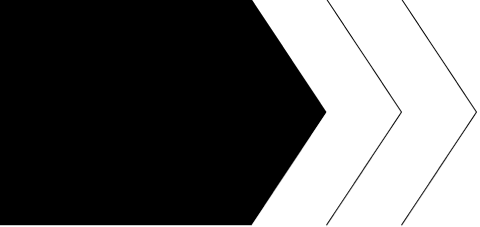


MESSAGES – ERROR MESSAGES

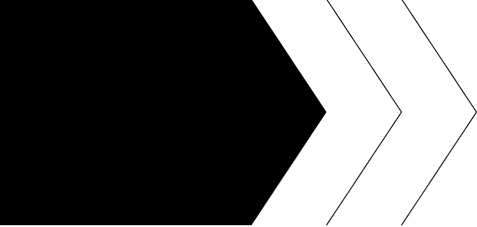
MESSAGE	MESSAGE DETAILS	SOP ACTION
ERROR 50 – The Barcode Scanner Is Not Supported	Shown on scan cooler SN and scan smart device SN screen if the cell phone does not support the barcode scanner.	Need to Scan Barcode Again, If the Barcode is not Scannable/Supported then contact support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
ERROR 51 – Smart Device Is Not Available For Association	Shown on scan smart device SN screen when smart device not found in unassigned list.	Contact the Vision Support Team at support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
ERROR 52 – Smart Device Is Already Associated	Shown on the scan smart device SN screen if the smart device is already associated.	The scanned device is already associated with another Cooler and cannot be linked again. Please Try with Another Smart Device.
ERROR 53 – Smart Device Serial Number Is Not Valid	Shown on the scan smart device SN screen if the smart device SN is not valid.	Please scan the smart device's serial number again or enter it manually using the "Enter Manual" option.



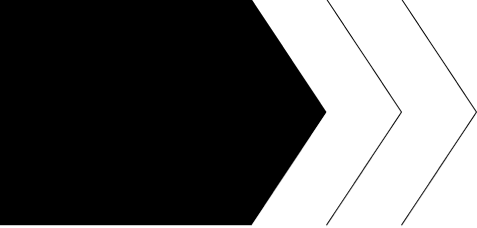
MESSAGE	MESSAGE DETAILS	SOP ACTION
ERROR 54 – Cooler Serial Number Was Not Scanned	Shown on scan cooler SN when the user cancels the barcode scanning or any issue while barcode scanning arises.	Scan the Cooler SN Barcode Again. Or check with Restart the Application. Still Issue persists Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
ERROR 55 – Cooler Has Another Device Associated To It	Shown on the scan cooler SN screen if the cooler has a smart device already associated with it.	The scanned Cooler SN is already associated with another Smart Device and cannot be linked again. Please Try with Another Cooler.
ERROR 56 – Please Enter Cooler Serial Number	Shown on the scan cooler SN screen when in manual mode for cooler SN and the user presses the save button without entering the cooler SN.	Please Enter Cooler SN First and then Press the Continue Button.
ERROR 57 – Please Enter Smart Device Serial Number	Shown on the scan smart device SN screen when in manual mode for smart device SN and the user presses the save button without entering the smart device SN.	Please Enter Smart Device SN First and then Press the Continue Button.



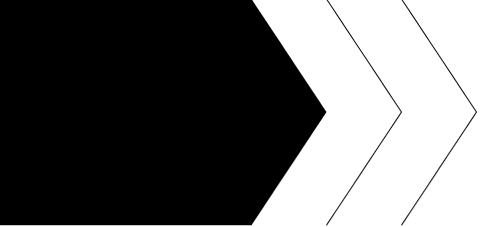
MESSAGE	MESSAGE DETAILS	SOP ACTION
ERROR 58 – Smart Device Configuration Failed, Please Try Again	Shown on the association screen when a command fails.	Try the Association Process Again, Still the same things, The device may have some issues; set it aside and proceed with a new smart device. In the last Contact the Vision Support Team at support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
ERROR 59 – Smart Device Configuration File Missing	Shown on the association screen when configuration JSON missing for the smart device.	Contact to Vision Support Team at support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
ERROR 60 – Not All Association Data Was Uploaded Successfully	Shown when some associations failed to be uploaded.	Move to Menu > Upload Association Data, and Upload data, If still Issue occurs move to the Failure Association Info tab tap the On View button and share a screenshot to Contact to Vision Support Team at support.iot@visiongrouppretail..



MESSAGE	MESSAGE DETAILS	SOP ACTION
ERROR 61 – Smart Device not found, please try to wake up the Smart Device and try again	Shown on the Association screen when the application is not able to connect to the Smart Device.	The Smart Device does not Wake up Properly. Check the Magnet installation at the Cooler, make it Correct, and try the Association Process again. If the issue persists, Contact Support at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
ERROR 62 – Session expired, please check your internet connection and login again	Shown when User Session expired (Token expired) on the server.	Session Expired for Login, Check Internet/Wi-Fi Again and Login Again.
ERROR 63 – Please check your internet connection and try again	Shown when Wi-Fi and mobile data off and the user calls the API.	Check Internet/Wi-Fi Again.
ERROR 64 – Cannot connect to the Smart Device, please change the Smart Device	Shown on the Association screen when smart device connection is not working (when the device was found but did not connect to the phone after the 2nd retry).	The device may have some issues; set it aside and proceed with a new smart device. In last Contact to Vision Support Team at support.iot@visiongroupretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.



MESSAGE	MESSAGE DETAILS	SOP ACTION
ERROR 65 – Cannot connect to the server, please try again	Shown on Login and Upload Association Data screen when API calling in between timeout happen or any server connection error.	The server is Down, Check after some time, Still Issue persists Contact Support at support.iot@visiongrouppretail.com with Application Screenshot.
ERROR 66 – Cooler Serial Number is not valid	Shown on Cooler SN Screen when the cooler serial number is not valid.	The scanned Serial Number is Invalid, Scan Barcode Again, Still Issue persists Contact Support at support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.
ERROR 67 – Invalid response from the server	Shown on Uploading association when the server gives the invalid response.	The server is down try after some time, If the issue persists, contact support at support.iot@visiongrouppretail.com .
ERROR 68 – Device is not connected, please connect again	Shown on the association screen when we are trying to execute the command, device is not connected.	The device may have some issues; set it aside and proceed with a new smart device. In last Contact to Vision Support Team at support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.



MESSAGE	MESSAGE DETAILS	SOP ACTION
ERROR 69 – Device Configuration not available	Shown when Smart Device Type Configuration is not found for the device.	Contact the Vision Support Team at support.iot@visiongrouppretail.com with a Real Image of the Installed Cooler SN and Application Screenshot.

THANK YOU



VISION GROUP