SC2-LOCKER-24™

User Manual

[SC2-LOCKER-24]



SC2-Locker User Manual

English

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INTRODUCTION

Thank you for choosing the SC2-LOCKER-24™, designed to provide secure, reliable charging for shared devices in education and enterprise environments. Available in 24-bay configurations, these lockers combine advanced charging technology with durable construction to ensure your devices remain powered, protected, and ready for use. Before using your locker, please review this guide to familiarize yourself with its features, specifications, and safety guidelines.



WARNING

This unit is designed for safe use when operated as intended, for indoor use only. Children should never climb, move, or misuse the unit. Always transport it slowly, with doors latched and external devices removed from the top. Do not pull the locker by its power cord, roll it over the cord, or place liquids near the unit. Fan and vent openings must remain clear.

Exceeding wattage may prevent devices from charging properly. Always turn the power switch OFF before plugging or unplugging the unit or connected devices. Do not use extension cords, and never operate the unit if the cord, receptacles, or switch are damaged. All repairs must be performed by a qualified electrician.

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01.

PRODUCT INFORMATION

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PRODUCT INFORMATION

Specifications: SC2-LOCKER-24™



Exterior Dimensions	**Inch**	68.5 (H) x 35.5 (W) x 18.5 (D)
	cm	173.9 (H) x 90.1 (W) x 46.9 (D)
Bay Dimensions	**Inch**	4.3 (H) x 11.1 (W) x 17.5 (D)
	cm	10.9 (H) x 28.2 (W) x 44.4 (D)
Product Weight		306 lbs (138.8 kg)
Shipping Weight		325 lbs (147.4 kg)
Capacity		24 bays
Supported Devices		Devices up to 17 inch (43.1 cm)
Power Specifications (Sold within North America)		110–120V AC, 50/60Hz Recommended: Dedicated 15-amp circuit or greater Maximum Power Consumption: 1560W
Power Specifications (Sold outside North America)		220–240V AC, 50/60Hz Recommended: Dedicated 10-amp circuit or greater Maximum Power Consumption: 1560W
Charging Type (*Available in each bay)		• 1 × 65W USB-C PD port • 1 × Dual USB-A/C 20W port
Security		RFID Card or PIN Code (HID 125khz and RFID 13.56mhz)
Display		5ghz Wi-Fi compatible display
Mounting Type		Floor with securing brackets
Shelf Loading (each)		110.2 lbs (50 kg)
Working Temperature		0° – 30°C 32–86 °F.
Warranty		Lifetime Frame, 2 Years Components, 2 Years Electronics

IMPORTANT: Power consumption is dependent on the demand and number of devices being charged within the locker. Connect only to a grounded circuit. Not to be used with power strips or extension cords.

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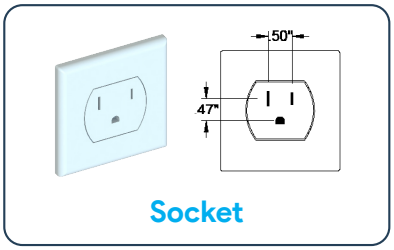
PRODUCT INFORMATION

Model #: SC2-Locker-24™

SKU	Description
LKR-SC2-B24R-D	SC2-Locker-24, 24 Bay Charging Locker with RFID Lock & Contact-less Access - 110V NA
LKR-SC2-B24R-E	SC2-Locker-24, 24 Bay Charging Locker with RFID Lock & Contact-less Access - 220V EU
LKR-SC2-B24R-U	SC2-Locker-24, 24 Bay Charging Locker with RFID Lock & Contact-less Access - 220V UK
LKR-SC2-B24R-A	SC2-Locker-24, 24 Bay Charging Locker with RFID Lock & Contact-less Access - 240V AU
SC Locker Base-24	9” Black Riser for double wide lockers
LKR-SC-B24R-BASE	8” Open Riser for double wide lockers

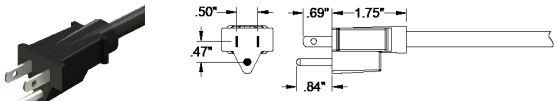
*Other plug configurations available upon request.

Our products are designed to fully utilize the max of 15 amps or 1800 watts from the wall outlet. We strongly recommend staying within the NEC’s 80% rule for continuous loads, which is a maximum draw of 12 amps or 1440 watts.

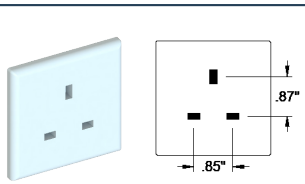


Socket

US/Canada Connection

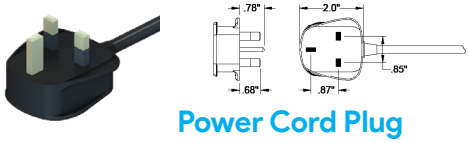


Power Cord Plug

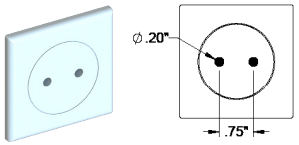


Socket

United Kingdom Connection

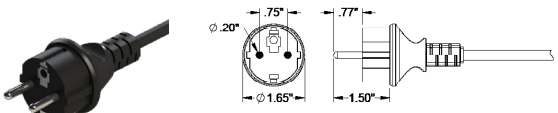


Power Cord Plug

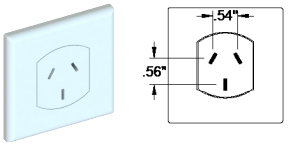


Socket

European Connection

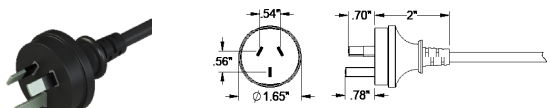


Power Cord Plug



Socket

Australian Connection



Power Cord Plug

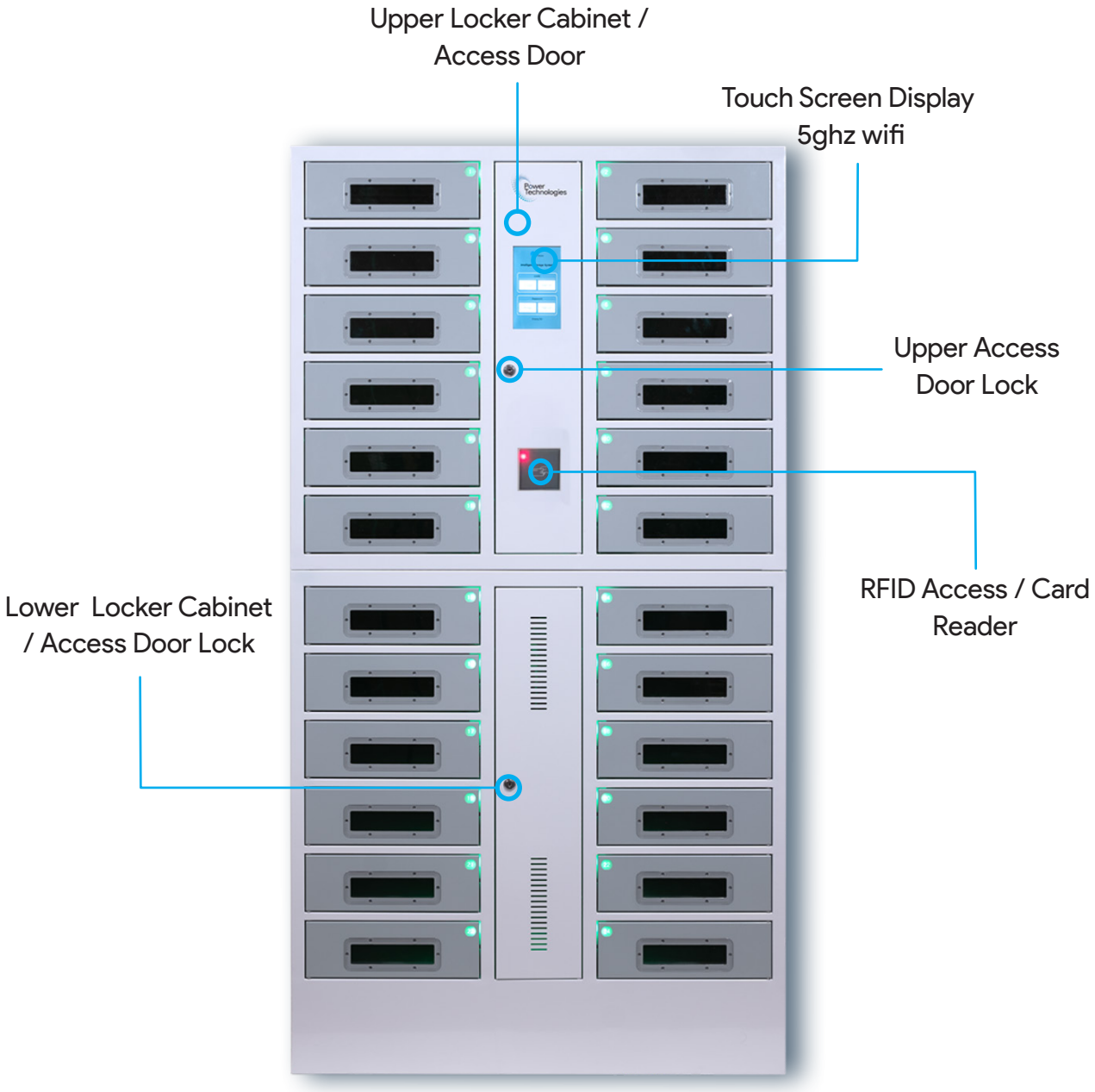
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PRODUCT INFORMATION

SC2-Locker-24™ Highlights

The SC2-LOCKER-24 is available in 24-bay configurations, designed to charge and secure up to 24 devices, respectively.

NOTE: Please review this guide before installing devices and to learn how to safely use your locker.



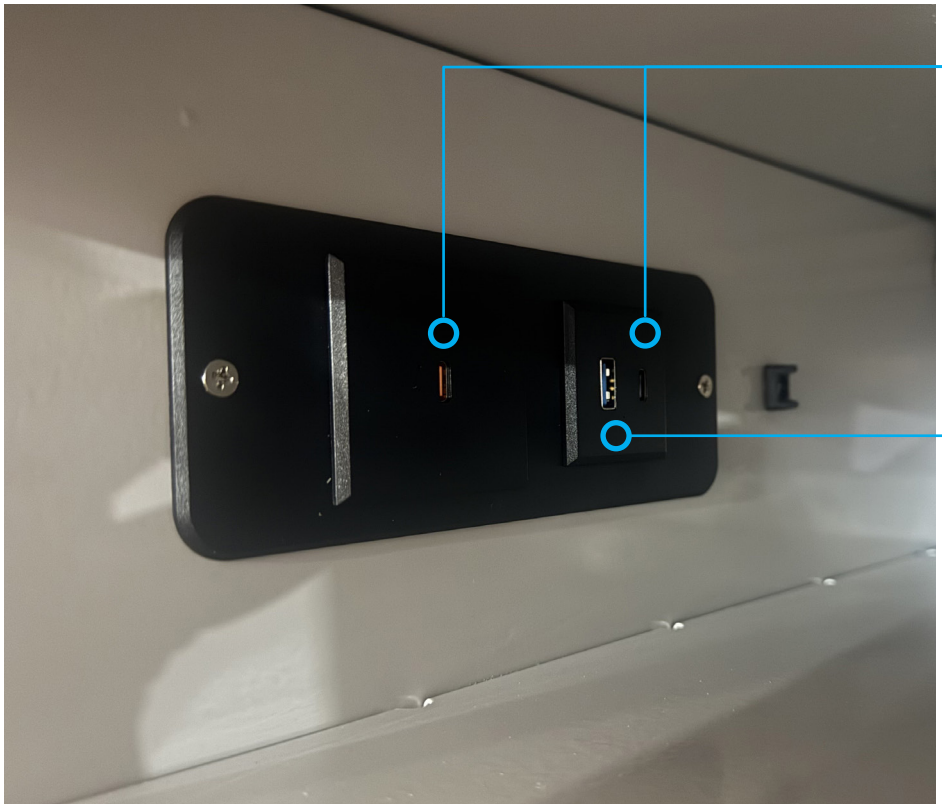
Front View of Locker (Closed)

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PRODUCT INFORMATION

SC2-Locker-24™ Highlights

- Includes one 65W USB-C and one dual USB-A/C 20W charging ports. Output per port varies based on device requirements.
- Features maintenance-free electronic locks powered by the internal power supply.





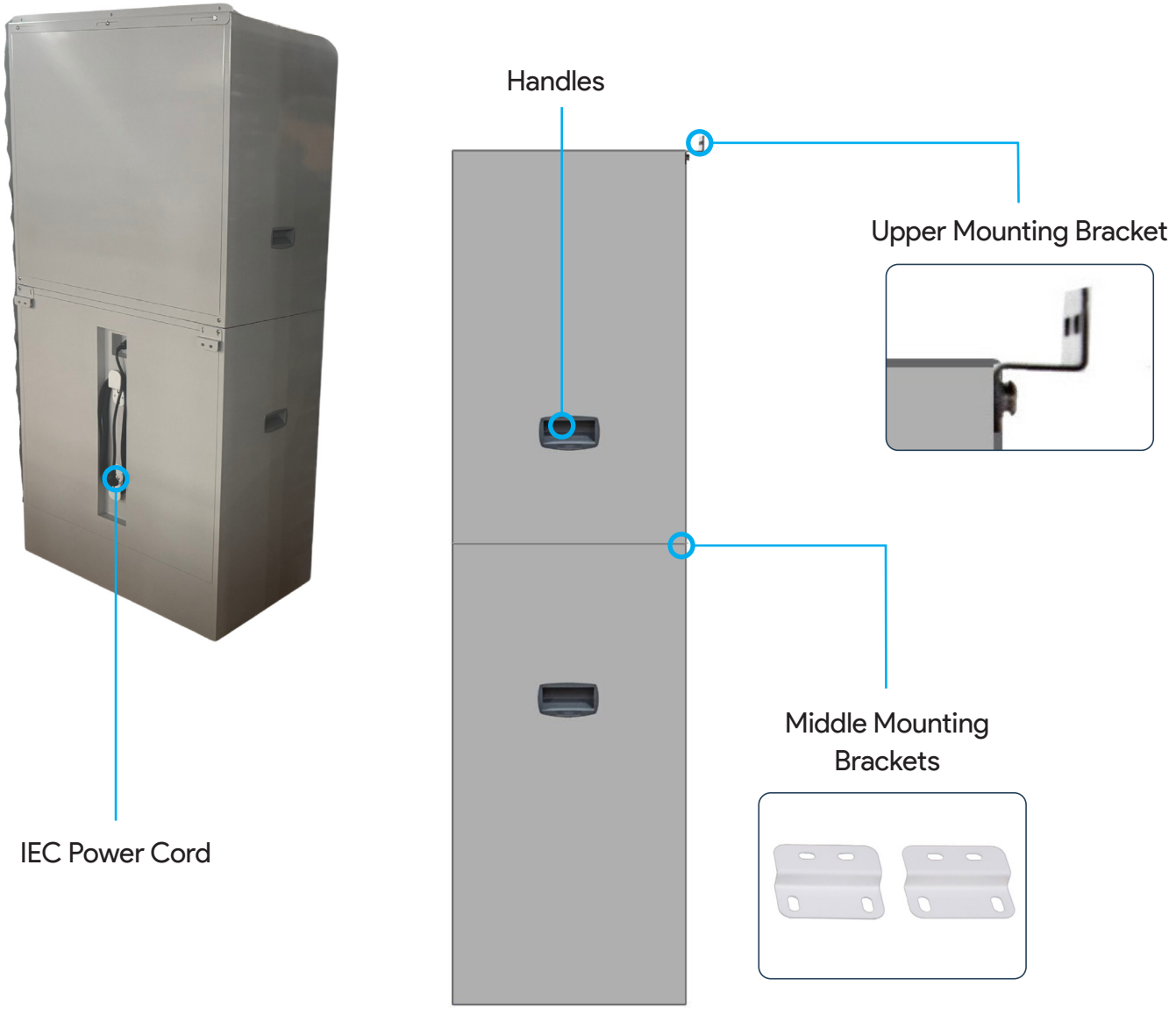
Inside View of Locker (Open/Interior Bay)

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PRODUCT INFORMATION

SC2-Locker-24™ Highlights

- The SC2-Locker-24 is engineered to efficiently charge all connected devices using a single 15A AC circuit.
- Features maintenance-free electronic locks powered by the internal power supply.



Rear View of Locker (Closed)

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02.

PRODUCT ASSEMBLY

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PRODUCT ASSEMBLY

Removal from Box



01. Remove Straps

Remove the strapping with scissors or plier cutters. Do not use box cutter.



02. Lift and Remove Lid

Lift and remove the top wood sheet, top cardboard lid and foam. Then remove corrugated cardboard from inner sides.



03. Tilt and Remove Main Box

With the help of an assistant, gently lift the main box up and out of the way.



04. Inspect for Damage

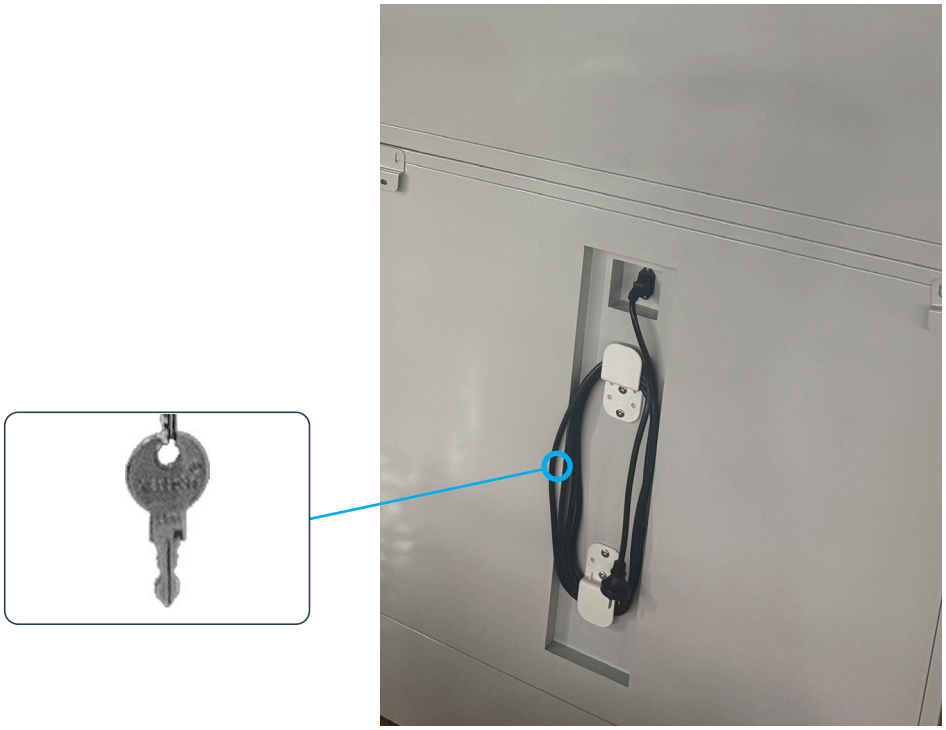
Remove all other packaging and inspect for damage to the entire locker unit.

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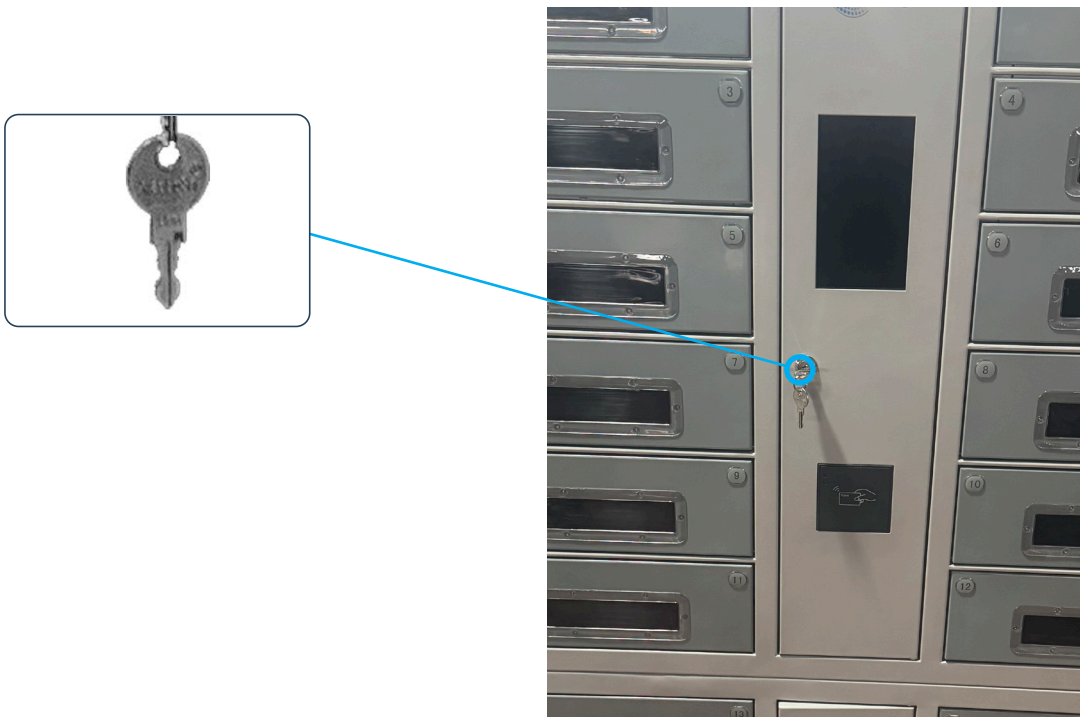
PRODUCT ASSEMBLY

SC2-Locker-24™ Assembly

Step-1: On the Lower Cabinet, find and remove the keys attached to the power cord.



Step-2: On the Upper Cabinet, insert key into Access Door Lock and open door.

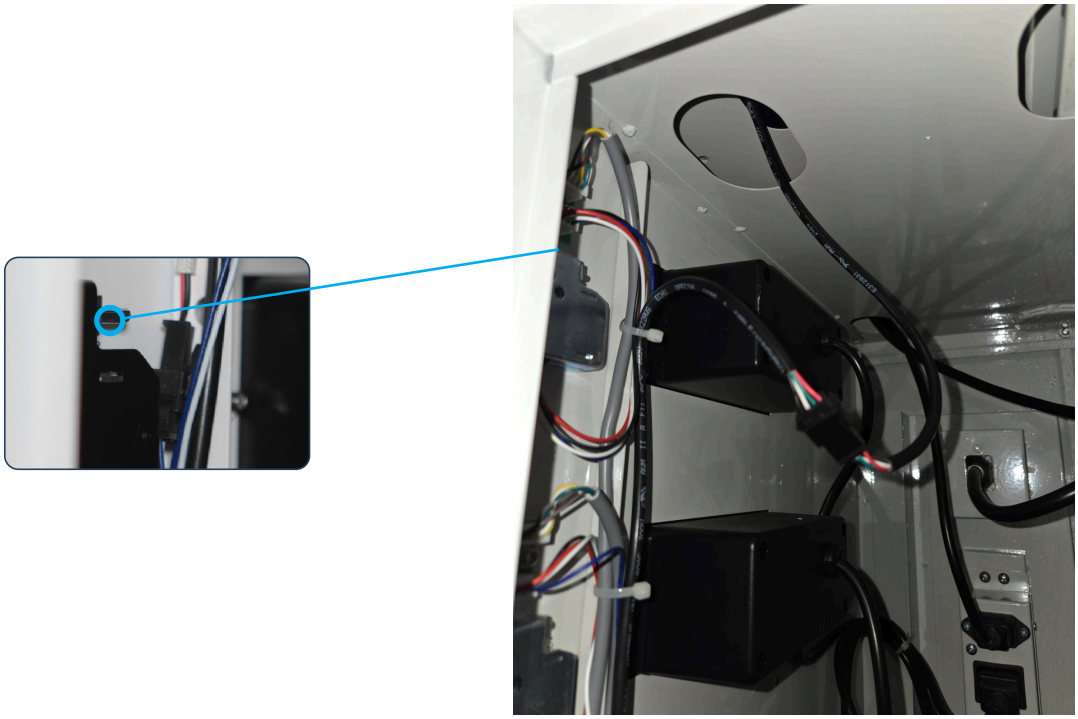


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SC2-Locker-24™ Assembly

Step-3: Press down on the uppermost top release lever for Bay #1. A Hex wrench and screen protecting film are located inside.

Each locker includes a box containing the tools and access cards. The box is secured with velcro to the power cable located in the upper cabinet, within the locked section.

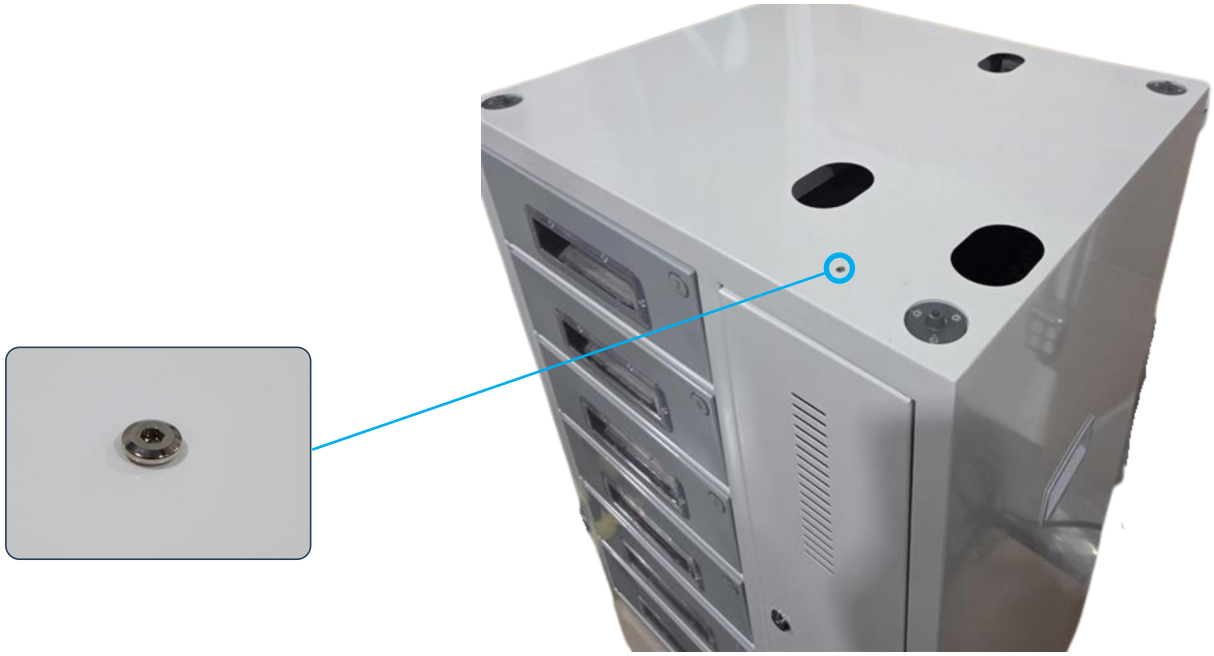


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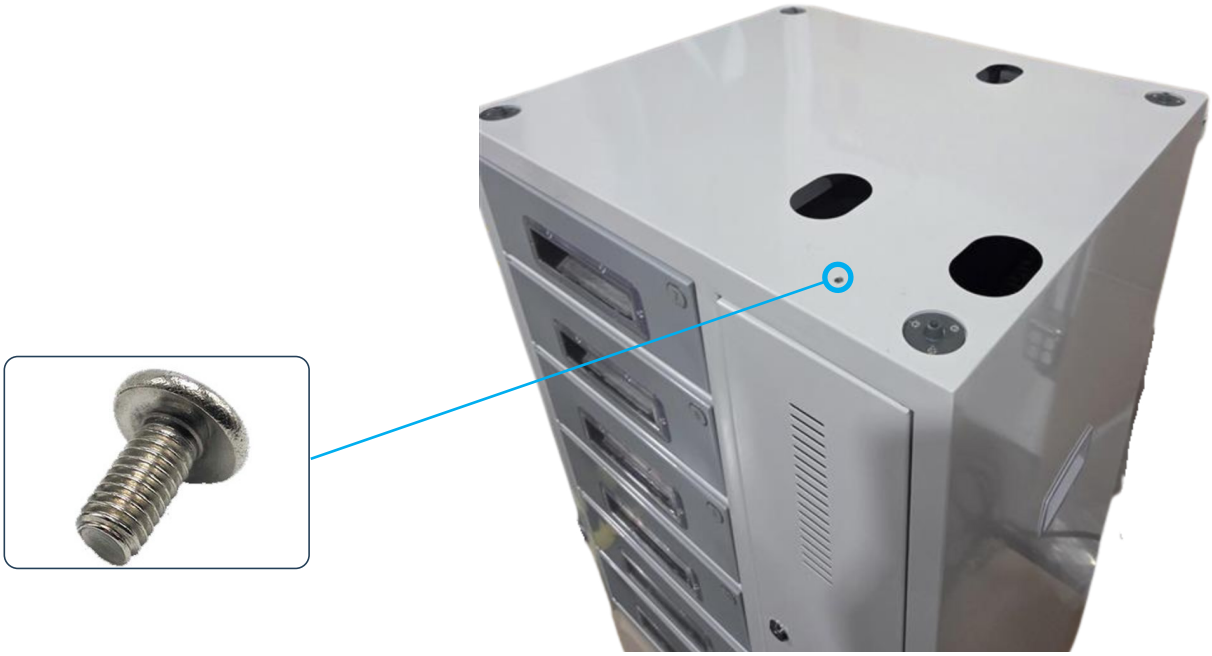
PRODUCT ASSEMBLY

SC2-Locker-24™ Assembly

Step-7: On the Lower Cabinet, locate the Hex bolt from the front edge.



Step-8: Using the Hex wrench, remove the Hex bolt from the front edge of the Lower Cabinet and set aside. IMPORTANT: Do Not Discard the bolt.



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PRODUCT ASSEMBLY

SC2-Locker-24™ Assembly

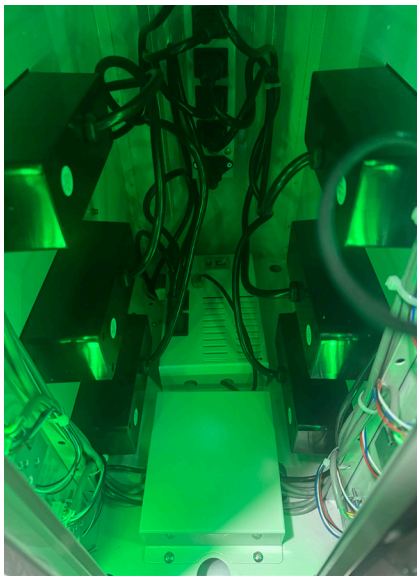
Step-9: Using the side handles, carefully lift the Upper Cabinet on top of the Lower Cabinet. For your safety, always move these pieces with the help of 1 or 2 assistants.





Step-10: On the Upper Cabinet, insert key into Access Door Lock and open door.

Step-11: Using the Hex bolt from step 8, secure both Cabinets together by inserting it into the Lower Cabinet threaded hole at the bottom, then tightening it using the Hex wrench.





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PRODUCT ASSEMBLY

SC2-Locker-24™ Assembly

NOTE: Upper Mounting Bracket and Middle Mounting Brackets come pre-installed on the locker.



Upper Mounting Bracket



Middle Mounting Brackets

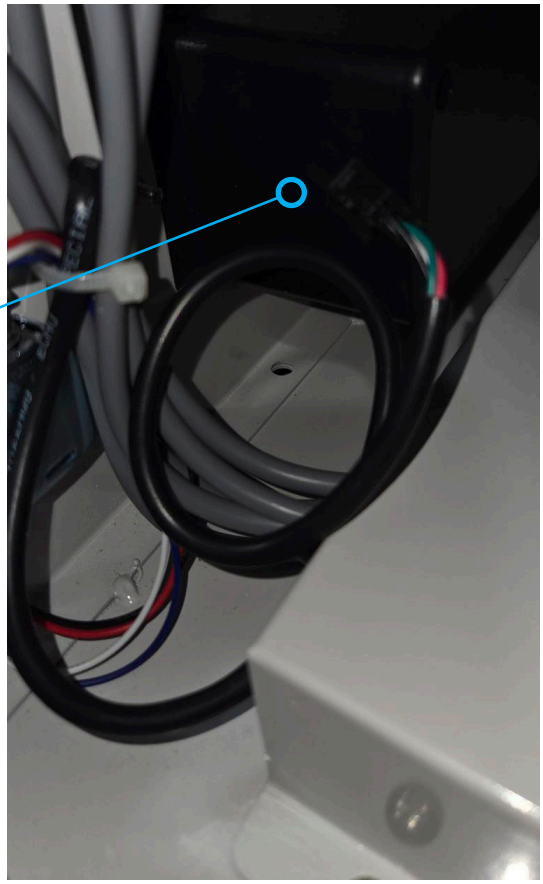


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SC2-Locker-24™ Cable Setup

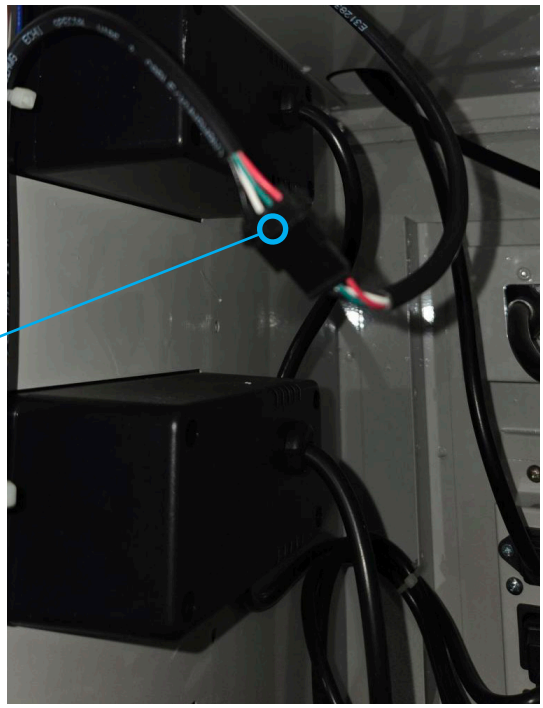
Step-3: Locate the Lower Data Connection Cable in the Lower Cabinet.





Step-4: Connect the Upper AND Lower Data Connection Cables together until clasp locks.



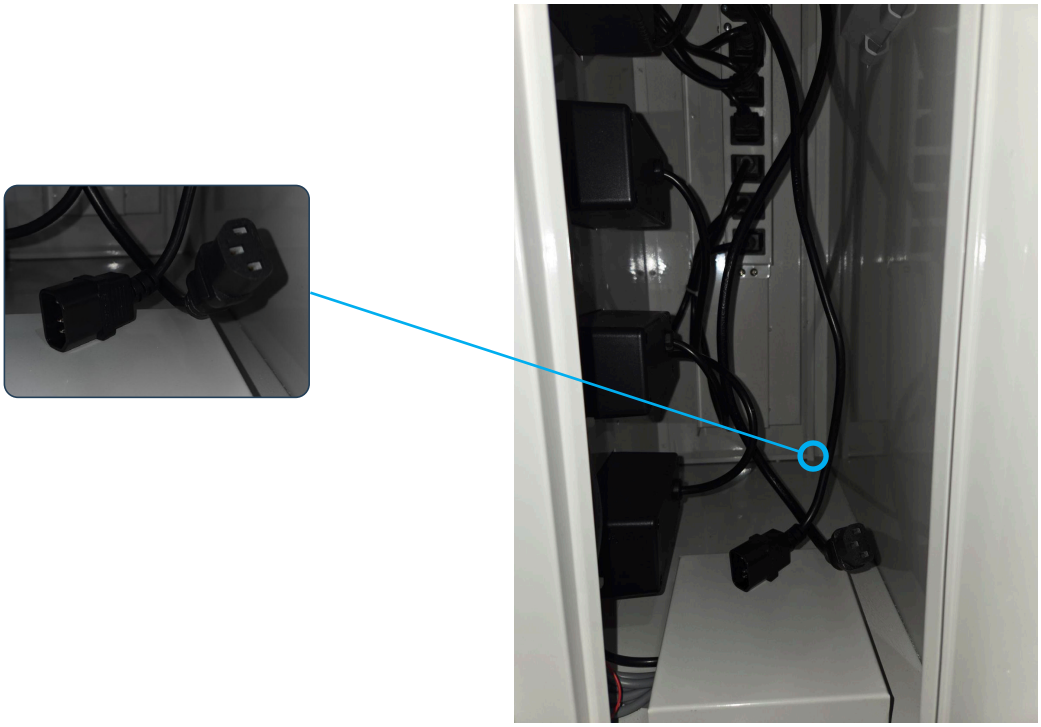


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PRODUCT ASSEMBLY

SC2-Locker-24™ Cable Setup

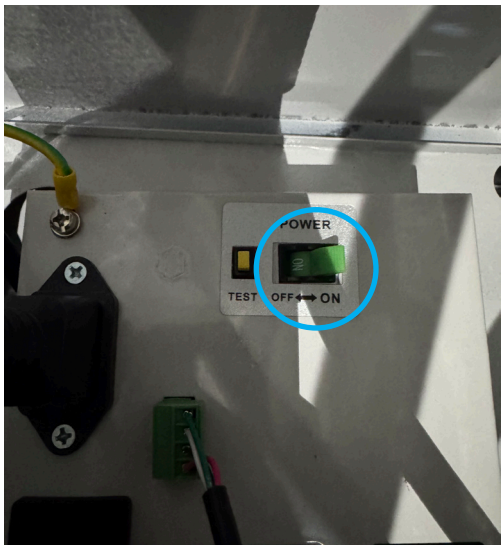
Step-5: In the Lower Cabinet, locate both the Power Strip Plug and the Power Input Plug.



Step-6: In the Upper Cabinet, locate the Power Supply, identified by its open electrical outlets.

NOTE: there is an On/Off switch on the Power Supply, located inside the locked upper half of the locker.





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SC2-Locker-24™ Cable Setup

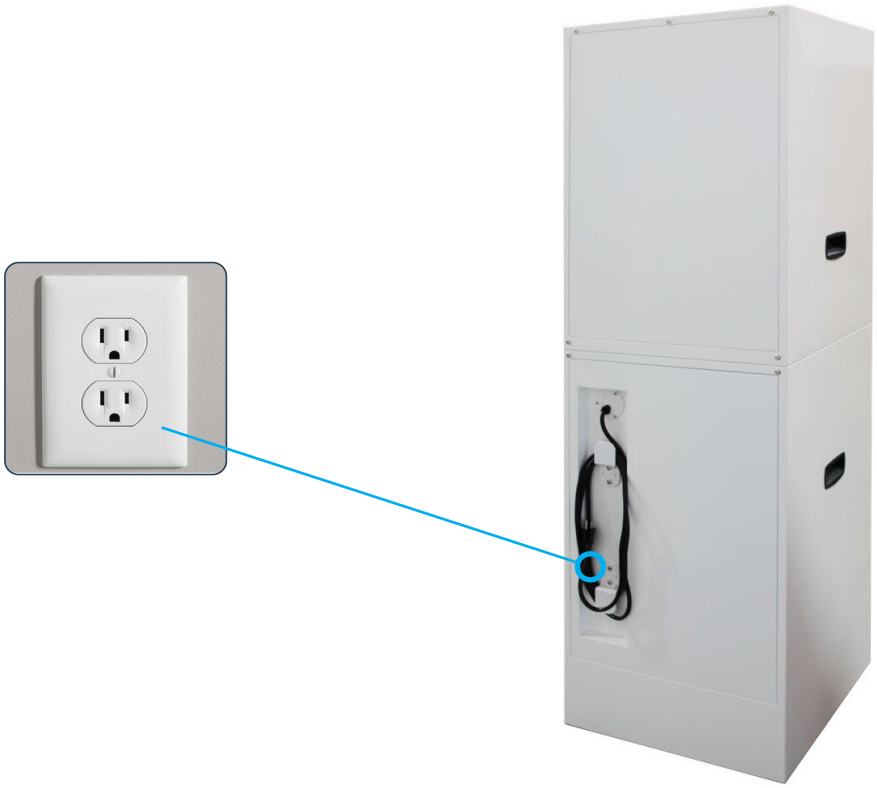
Step-7: One at a time, feed the Power Input Plug, then the Power Strip Plug through the passthrough hole located near the back.

Step-8: Plug both the Power Input Plug AND Power Strip Plug into the Power Supply.





Step-9: Plug in the locker into an electrical outlet.



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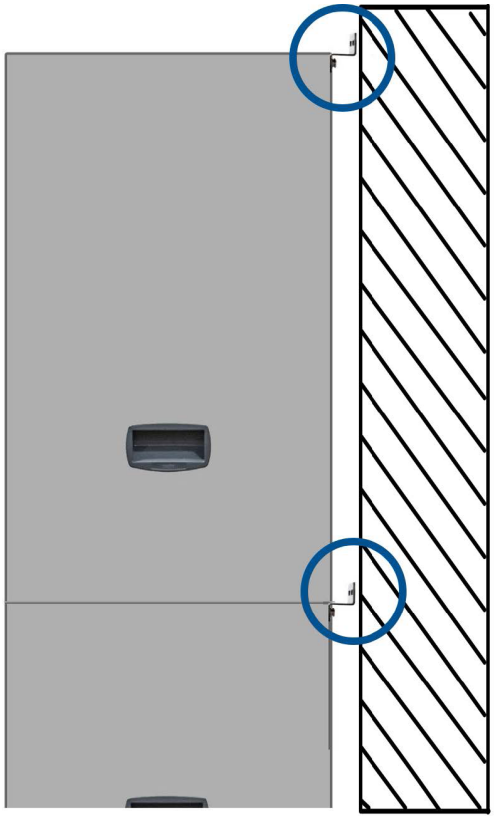
PRODUCT ASSEMBLY

SC2-Locker-24™ Wall Mounting

Step-1: Position your Locker so that wall studs or heavy-duty wall anchors are accessible, along with a nearby electrical outlet.

Step-2: Ensure the Upper Mounting Bracket and both Middle Mounting Brackets are securely attached to wall studs or heavy-duty wall anchors.





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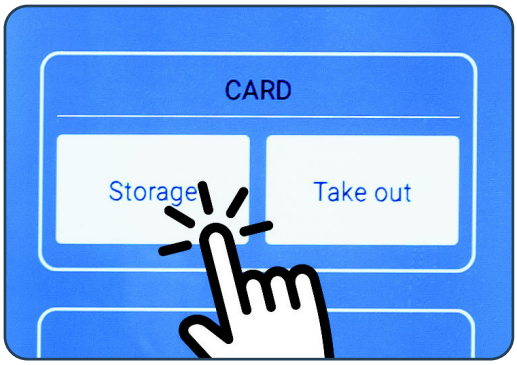
03.

FIRST TIME USER EXPERIENCE

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FIRST TIME USER EXPERIENCE

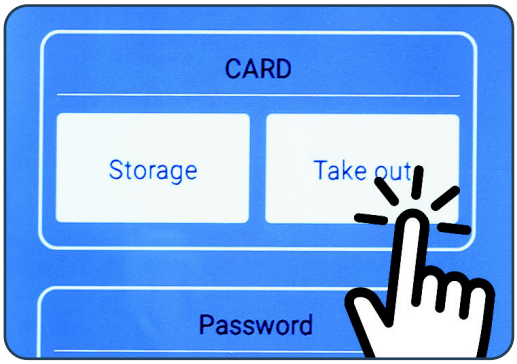
Quick Start: Operation With Card



01. Press “Storage” under “Card”



02. Place or swipe Card on RFID Reader

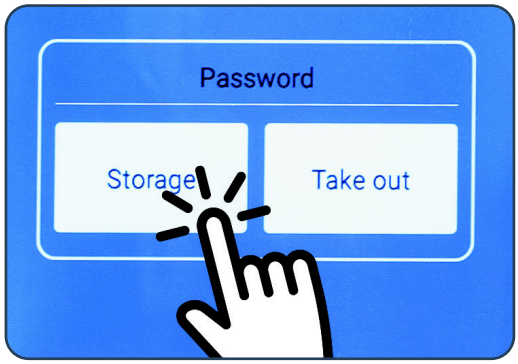


03. Press “Take out” under “Card”

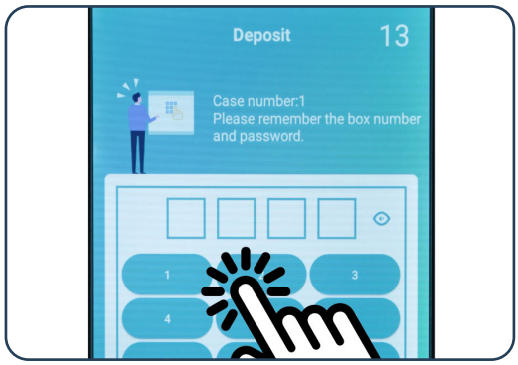
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FIRST TIME USER EXPERIENCE

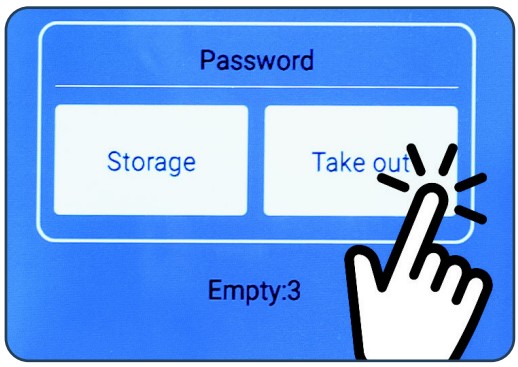
Quick Start: Operation With PIN Code



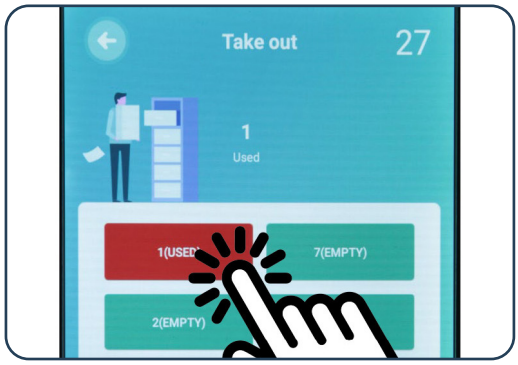
01. Press “Storage” under Password



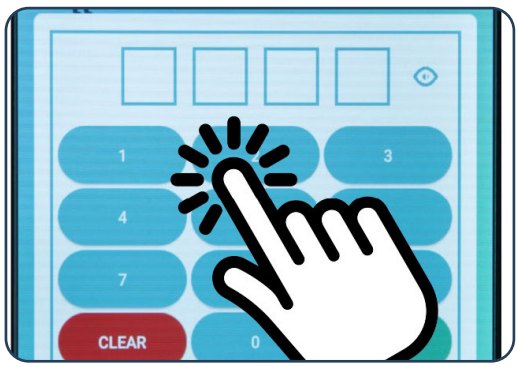
02. Input a 4-Digit Password



03. Press “Take out” under Password



04. Select the Bay

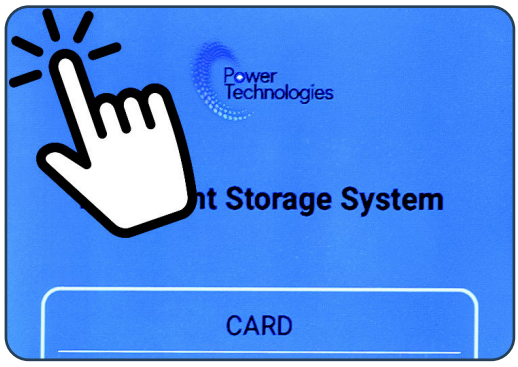


05. Input your Password

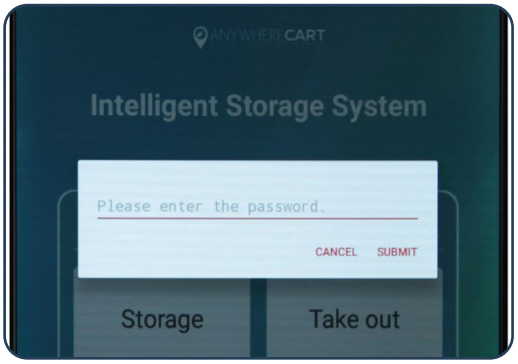
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FIRST TIME USER EXPERIENCE

Change Admin Passcode

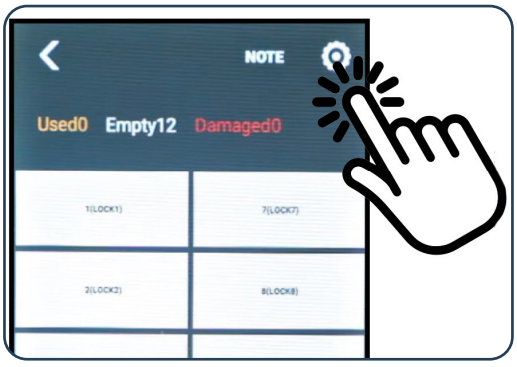


01. Press & hold the top left corner for 3 seconds

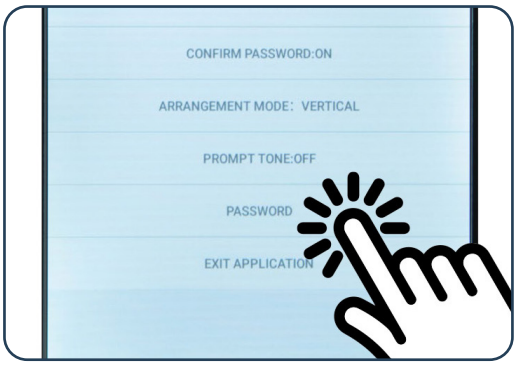


02. Enter Admin Details

Enter the Admin Password (support@powertechnologies.com for your Factory Default Password).



03. Access settings by pressing Gear icon



04. Press “Password”

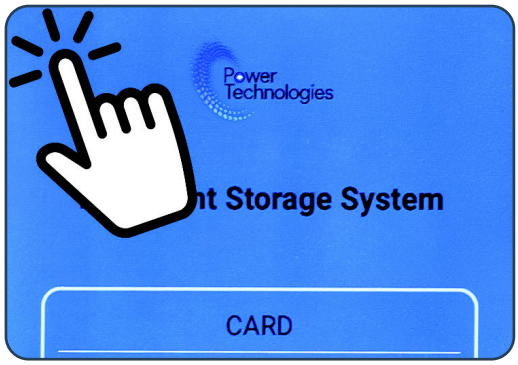


05. Enter both old & new Passwords

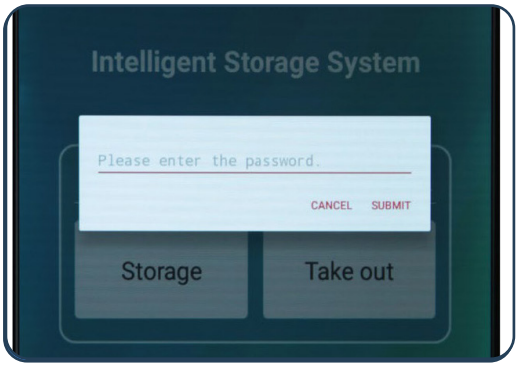
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FIRST TIME USER EXPERIENCE

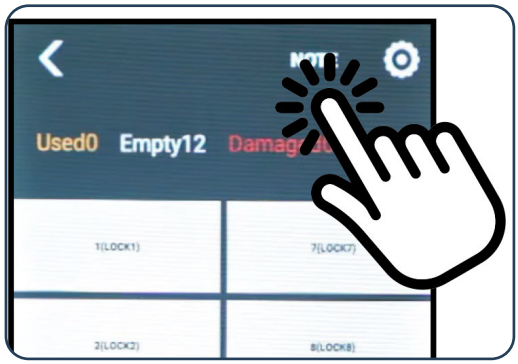
Reviewing Access Data



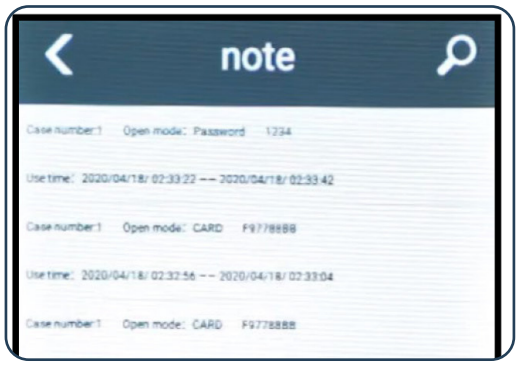
01. Press & hold the top left corner for 3 seconds



02. Enter your Admin Password



03. View log by pressing Note icon

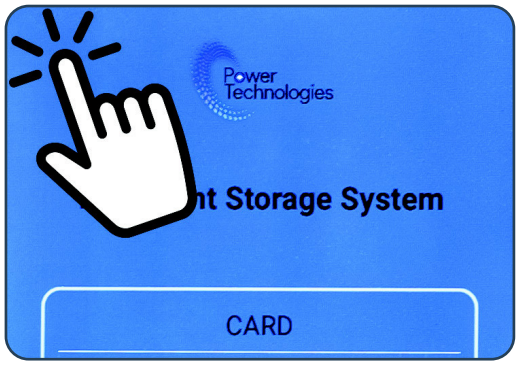


04. Review Access Data

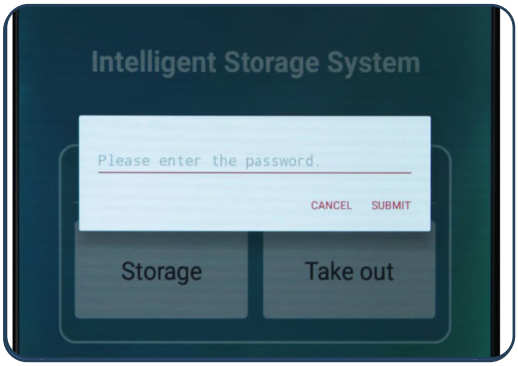
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FIRST TIME USER EXPERIENCE

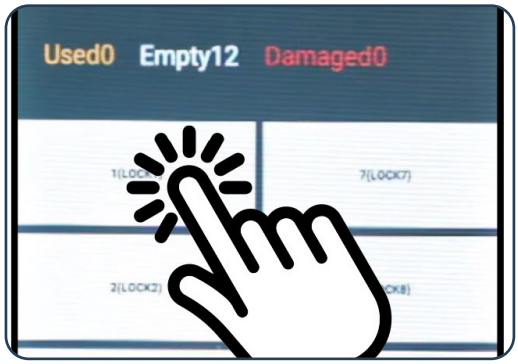
Adjusting Single Bay Settings



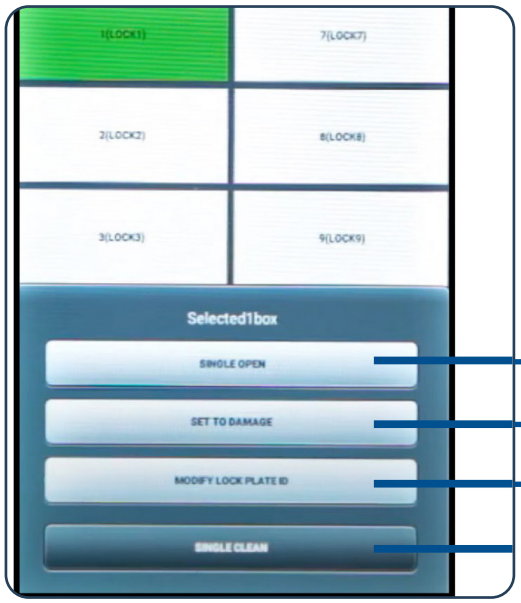
01. Press & hold the top left corner for 3 seconds



02. Enter your Admin Password



03. Press the bay you would like to modify



04. Adjust parameters

A- SINGLE OPEN Opens Bay once

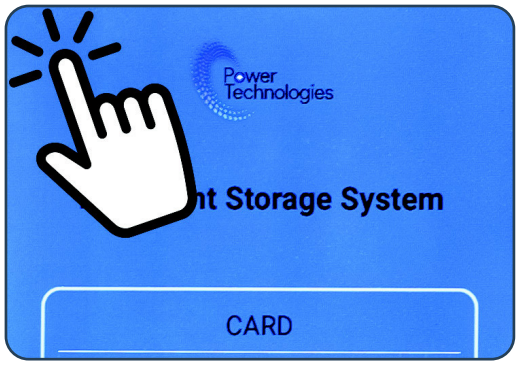
B- SET TO DAMAGE Marks Bay as Damaged and unaccessible by users

C- SINGLE CLEAN Clears Bay Access Data

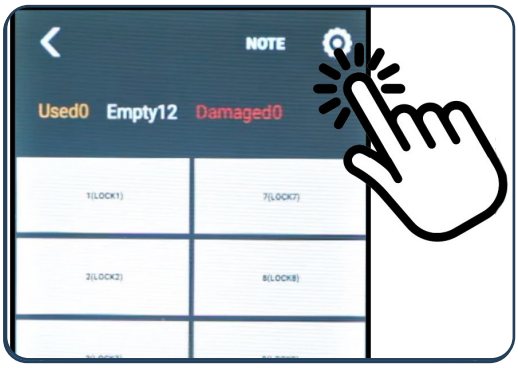
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FIRST TIME USER EXPERIENCE

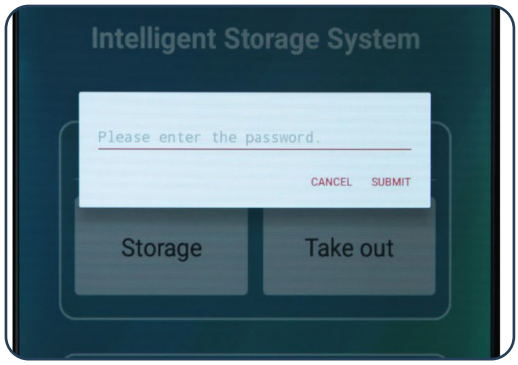
Admin Options



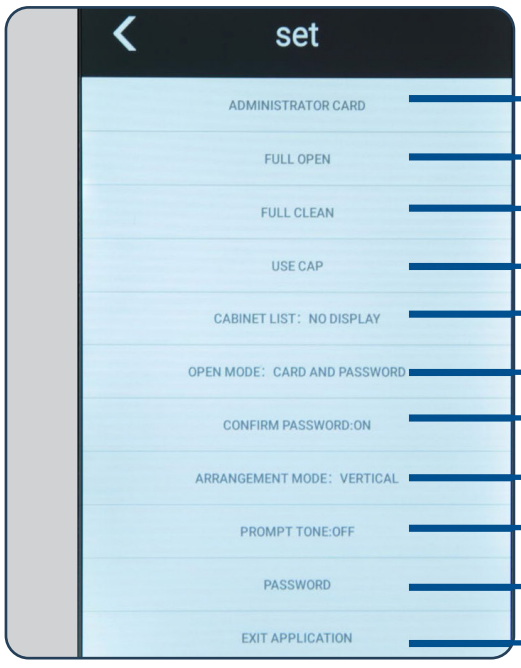
01. Press & hold the top left corner for 3 seconds



02. Enter your Admin Password



03. Press the bay you would like to modify



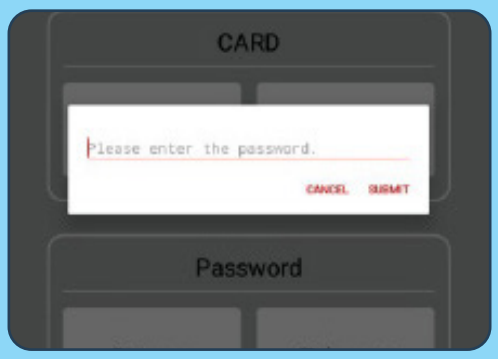
04. Adjust parameters

- A- ADMINISTRATOR CARD Sets up a master access card
- B- FULL OPEN Opens all Bays at once
- C- FULL CLEAN Clears All Bay Access Data
- D- USE CAP Allows user to access
- E- CABINET LIST Toggles view of Bay Number
- F- OPEN MODE Allows for both Card & Password
- G- CONFIRM PASSWORD Toggles confirmation of password
- H- ARRANGEMENT MODE Sets Locker to either Vertical or Horizontal layout up to 3 Bays
- I- PROMPT TONE Toggles Voice Alert
- J- PASSWORD Changes Admin Password
- K- EXIT APPLICATION PLEASE AVOID! Exits Android App

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FIRST TIME USER EXPERIENCE

Background Management



01. Background Management

- To access the settings menu, press and hold the Power Technologies logo.
- When prompted, enter your management password or swipe your management card.
- Tap “Submit” to continue.
- For instructions on creating a management password or card, see the “Admin Card and Password Setup” section.



02. Settings Menu

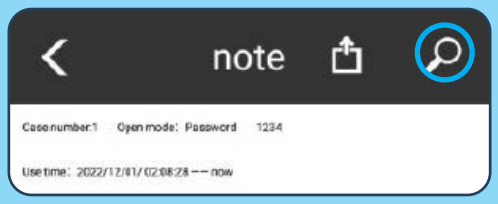
Used: The number of items in use.
Empty: The number of empty slots.
Damaged: The number of damaged items or slots.

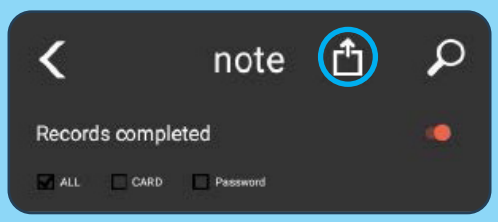
- Select a locker in the list to open the operations menu. The options in this menu will change depending on the current mode.
- Select “Note” to view the records page.
- Select the Gear icon to open the detailed settings page.

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FIRST TIME USER EXPERIENCE

Log Management



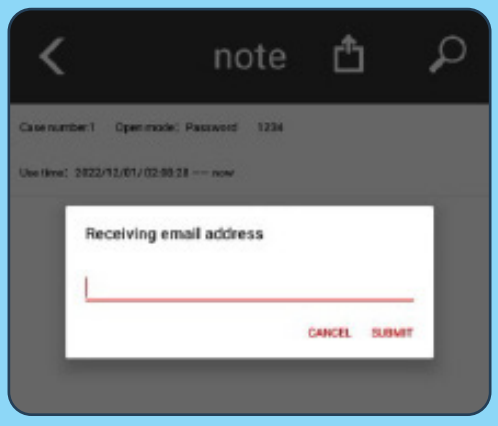


01. Viewing & Filtering Access

The SC2-Locker records all access activity, which can be reviewed directly on the device.

- Select the Search icon on the records screen.
- Apply filters as needed:
  - Records Completed: Include completed access events
  - Access Method: Filter by All, Card or Password





02. Exporting Logs via Email

Administrators can configure the locker to email access logs for remote review. This feature requires initial setup.

Requirements:

- Active Wi-Fi connection on the locker.
- A Gmail account (required at the sending address).
- App password configured for the Gmail account.

A. Connect to Wi-Fi

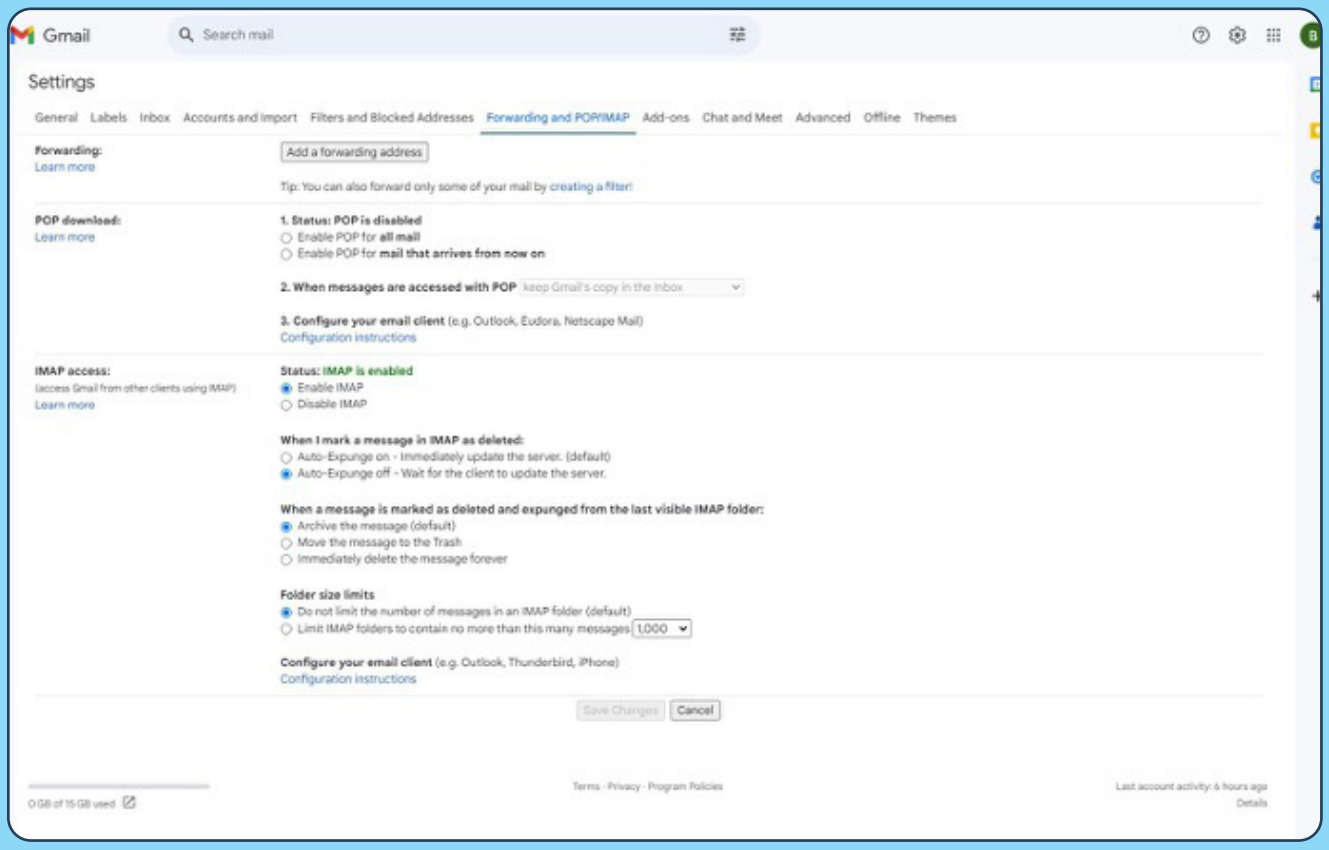
- Log in as Administrator (default password: 123456).
- Select the gear icon (top-right corner).
- Navigate to System Settings.
- Select the Wi-Fi icon (top-left).
- Enable Wi-Fi, select your network, and enter the password.

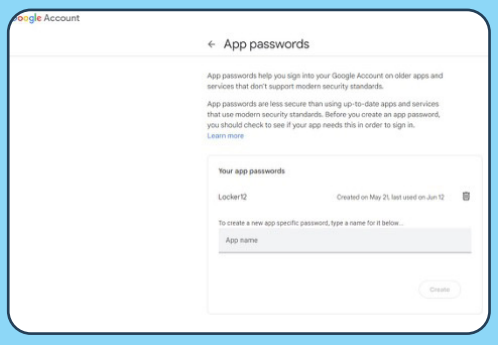
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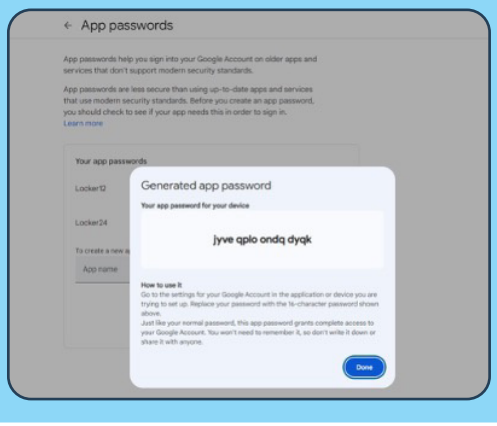
FIRST TIME USER EXPERIENCE

B. Configure Gmail Account

- Log in to your Gmail account via a web browser.
- Go to Settings > Forwarding and POP/IMAP, and enable POP/IMAP access.





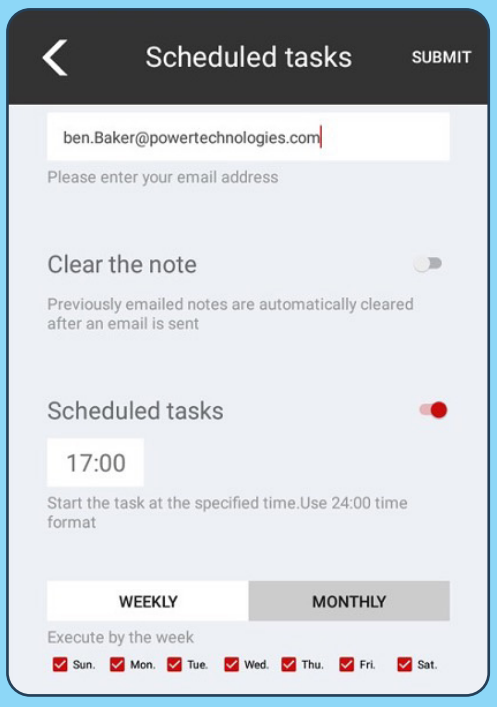


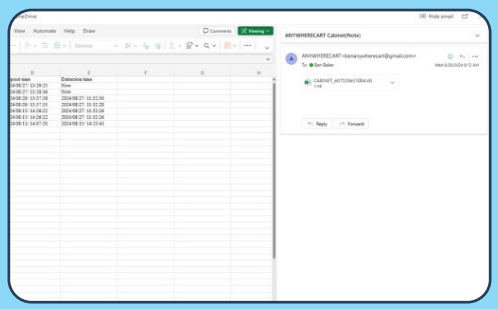
- Navigate to Accounts and Import > Other Google Account Settings.
- Select the Security tab.
- Enable 2-Step Verification and complete setup.
- Search for “App Passwords” and select it.
- Create a new app password:
  - Enter a name (e.g., Locker24)
  - Generate the password
- Record the 16-digit app password (displayed in 4-digit groups).

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FIRST TIME USER EXPERIENCE







C. Configure Email Settings on the Locker

- On the locker, log in as Administrator.
- Select the gear icon > scroll to Email.
- Select Sending Address:
  - Enter the Gmail address

D. Set Up Log Delivery

- Select Scheduled Tasks.
- Enter the recipient email address (any valid email).
- Configure options:
  - Clear Note: Deletes logs after sending
  - Schedule: Set frequency (hourly, daily, or specific dates)
- Select Submit to save settings.

E. Send a Test Email

- Return to the main admin screen.
- Select Note.
- Select the Send icon.
- Confirm the recipient email is populated.
- Select Submit.
- A confirmation message will appear. The email should arrive within a few minutes

Important Notes:

- Gmail is required for sending emails from the locker.
- Ensure Wi-Fi remains connected for scheduled log delivery.
- If Clear Note is enabled, logs will be deleted after sending.
- This feature is optional and may not be necessary for all users.

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04.

DETAILED SETTINGS

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DETAILED SETTINGS

SETTINGS: Advanced options for administrator control and system configuration.

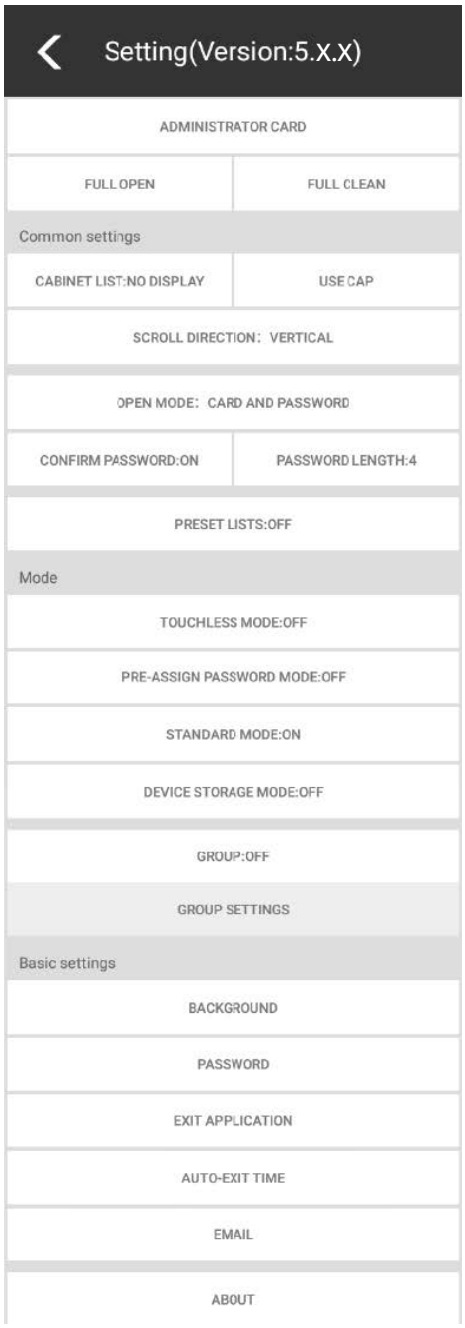
- ADMINISTRATOR CARD: Displays the code for the current administrator card and provides the option to add additional administrator cards.
- FULL OPEN: This function opens all bays. It maintains the last settings (e.g., mode, duration) for each bay.
- FULL CLEAN: This function opens all bays and resets the settings for each bay to their default values.

COMMON SETTINGS

- CABINET LIST: This setting controls how bays are assigned to a user.
- NO DISPLAY: The system automatically assigns the next available bay.
- DISPLAY: The user can manually select a bay from the list.
- USE CAP: Defines the maximum number of bays a single customer can use simultaneously (1-3).
- OPEN MODE: This setting specifies that bays can only be opened with a card or password.
- CONFIRM PASSWORD - YES: Requires the user to enter their password twice for confirmation.
- CONFIRM PASSWORD - NO: Requires the user to enter their password only once.
- PASSWORD LENGTH: Sets the required number of digits for the password (4-6).
- PRESET LISTS - ON: Only users on a pre-configured list can access and use the lockers.
- PRESET LISTS - OFF: Any user can access and use the lockers.

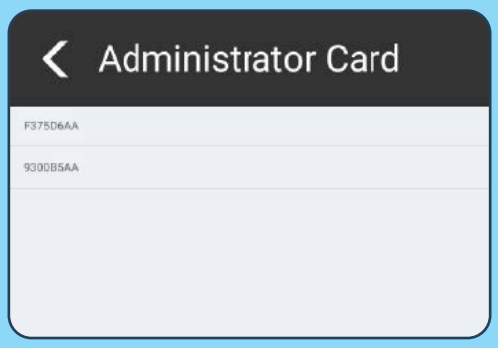
BASIC SETTINGS

- BACKGROUND: Allows you to select from different background options for the interface.
- PASSWORD: Change the current administrator password
- EXIT APPLICATION: Exits the locker control application, providing access to the Android tablet's main interface for file management and other functions.
- AUTO EXIT TIME: Sets the amount of idle time that must pass before the administrator screen automatically closes.
- EMAIL: Configure the administrator's email address for receiving data logs.



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DETAILED SETTINGS



01. Administrator Card

- Adding a Card: With this screen open, place the card on the card reader. The system will automatically detect the card and add its unique information to the list.
- Deleting a Card: To remove an entry, tap the corresponding card information in the list. This action will prompt a confirmation to delete the record.

02. Full Open

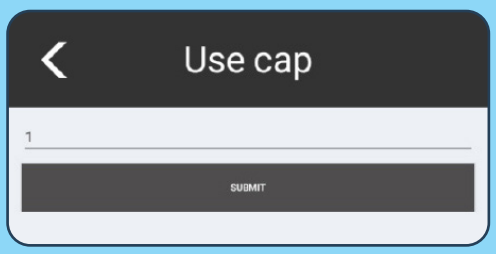
Opens all locker doors simultaneously.

03. Full Clear

This function opens all locker doors, empties the locker contents, and resets all passwords and settings for each bay.

04. Common Settings

- Cabinet List: Determines whether a list of bays is displayed for selection during the saving process.
- Use Cap: Sets the maximum number of lockers that a single user card can access at a time.





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DETAILED SETTINGS



Scroll Direction

Scroll Direction: This setting determines how the list scrolls (vertically or horizontally). The image on the left shows the vertical scroll direction.



Horizontal

The picture is Arrangement Mode: Horizontal.

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05. Open Mode

When the Open Mode is set to “Card and Password,” you can configure the following options:

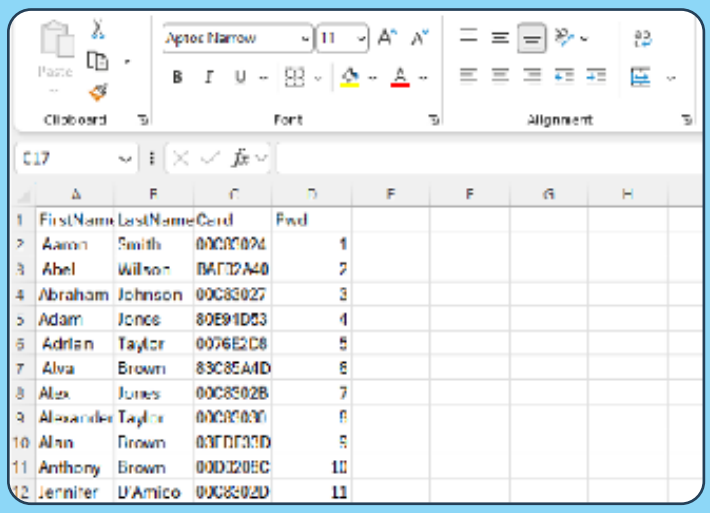
- Confirm Password: Choose whether to require the user to enter their password twice for confirmation.
- Password Length: Set the required number of digits for the password (4, 5, or 6).

06. Creating and Uploading a CSV File to an SC2 Locker via USB Drive

Follow the steps below to create and upload a user CSV file to an SC2 Locker using a USB (thumb) drive. Click “Import” to import a CSV file.

1. Prepare the CSV File

- Use the provided cardinfo_file template (Do not change the file name or format).
- The sample data included in the template is only for reference.
- Delete all existing sample names, card information, and passwords before entering your own data.
- Enter each user’s First Name and Last Name in the appropriate columns.



2. Connect the Card Reader to Your Laptop

- Open the locker door.
- Locate the USB cable inside the door that connects the card scanner to the tablet.
- Disconnect this USB cable from the tablet.
- Connect the USB cable to a USB port on your laptop.
- Partially close the locker door so you can access both the scanner and your laptop.



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DETAILED SETTINGS

3. Scan User Cards or Badges

- In the CSV file, select the first empty cell in the “Card” column.
- Scan the user’s card or badge with the scanner.
- The scanner will beep, and the card’s unique ID number will automatically populate in the selected cell.
- The next cell in the Card column will automatically be selected.

Repeat this process for each user and their associated card or badge.

4. Reconnect the Scanner to the Locker

- Once all cards have been scanned:
  - Disconnect the USB cable from your laptop.
  - Reconnect it to the tablet inside the locker.



5. Enter Password Information (Optional)

After completing the names and card numbers, complete the Password (pwd) column using one of the following options:

Option A – No Passwords

- If passwords will not be used, enter a number value in every row of the pwd column (for example: 1, 2, 3, etc.).
- The column cannot be left blank.

Option B – Use Passwords

- If passwords are required: All passwords must be the same length.
- Passwords must be 4, 5, or 6 digits.
- Enter each user’s password in the pwd column.

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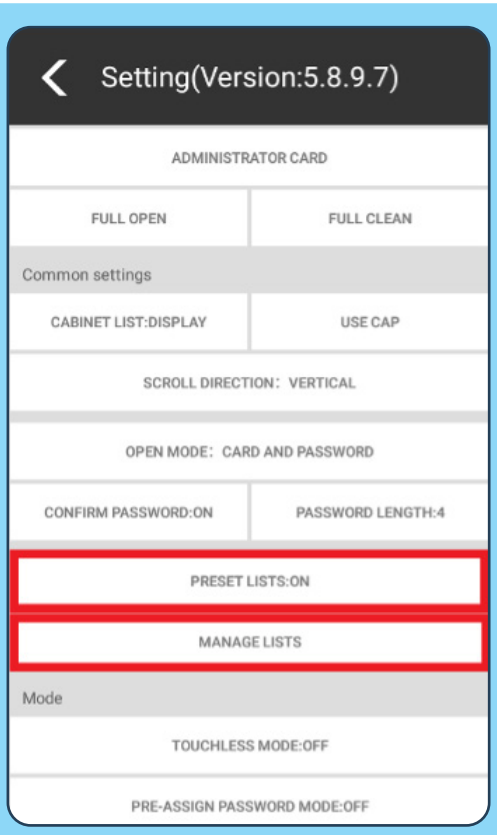
DETAILED SETTINGS

6. Save and Export the File

- Save the completed CSV file.
- Insert a USB thumb drive into your laptop.
- Copy the CSV file to the root directory of the thumb drive (do not place it inside a folder).
- Safely eject the thumb drive.
- The USB drive is now ready to upload to the locker.

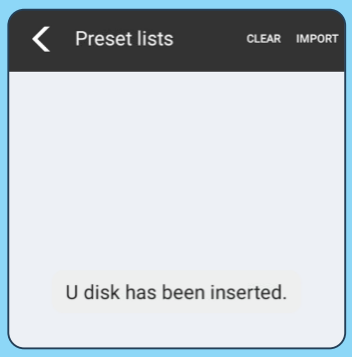
7. Import the CSV File into the Locker

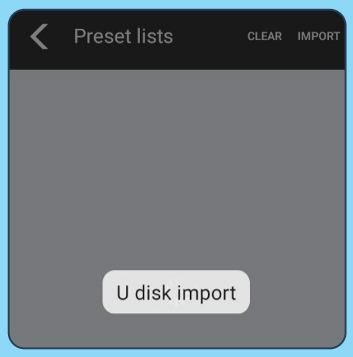
- Insert the USB drive into the USB port on the rear door of the locker.
- Log in to the locker as Admin.
- Select the Gear icon in the upper-right corner.
- Turn Preset Lists ON.



8. Import the File

- Navigate to the Preset Lists menu.
- Confirm the message “U disk has been inserted.”
- If the message does not appear:
  - Disconnect the card reader USB cable from the tablet, and
  - Connect the USB thumb drive to that port instead.
- Select Import.
- The screen will display:
  - “U disk import”
  - “Import success”
- The user list has now been successfully uploaded.





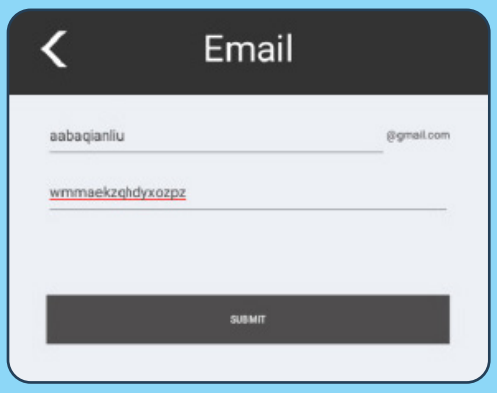
9. Set Locker Access Mode (Optional)

- To configure the locker for card-only access:
- Go to Admin Settings and select Open Mode.
- Tap until the mode changes to Card Only.

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07. Basic Settings

1) Background: Modify the background.
2) Password: Change Admin Password.
3) Exit Application: Exit application.
4) Auto-Exit Time: When the page is not exited, set the automatic exit time without any operation.
5) Email: Configure the outgoing email account used to send access logs (Page 29).



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05.

FIRMWARE UPDATE

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FIRMWARE UPDATE

The firmware controlling your Locker can be updated by following the steps in this guide. Please review the guide in full before starting the update process.

For the Firmware Download Link, contact Support@PowerTechnologies.com

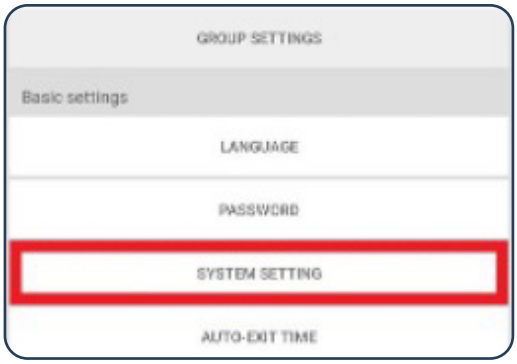
REQUIRED ITEMS: Firmware File .APK / USB Thumb Drive / OTG-compatible USB port





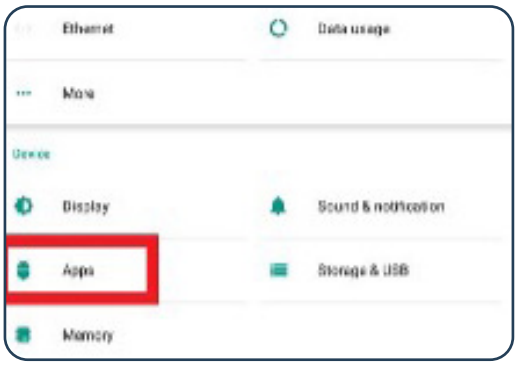


FIRMWARE INSTALLATION



01. Access System Settings

- Log in to the tablet using Administrator credentials.
- Select the gear icon (top right corner).
- Scroll down and select SYSTEM SETTING.



02. Exit Locker Application

- Navigate to Apps & Notifications.
- Select See All Applications



03. Uninstall Existing Application

- Locate the Cabinet app.
- Once selected, uninstall the app.

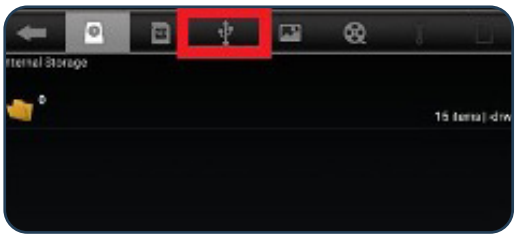
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FIRMWARE INSTALLATION



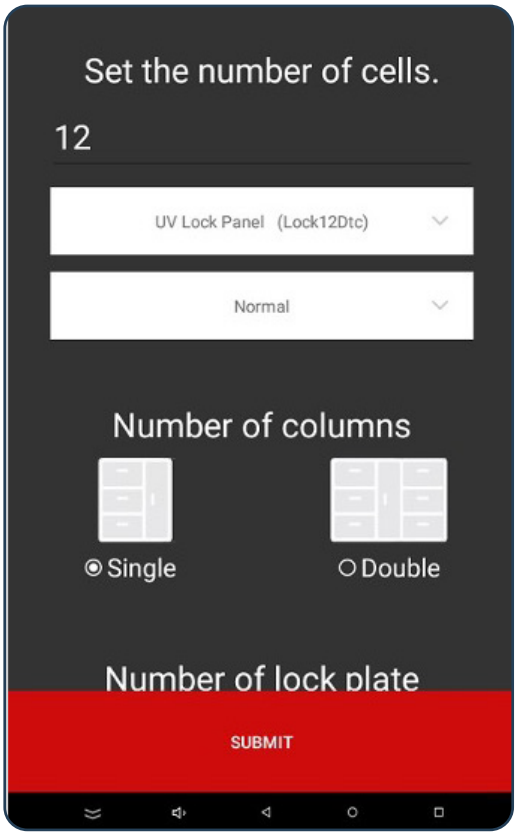
04. Insert USB Drive

- Insert the USB thumb drive into the OTG USB port located on the back of the tablet.
- If not already on the App info screen:
  - Return to Apps & Notifications
  - Select See All Applications
  - Locate and select Explorer
  - Tap Open



05. Uninstall Updated Firmware

- In Explorer, select USB.
- Locate and select the file: cabinet_us_5.8.9.7.
- If prompted with a security warning, select Install Anyway.



06. Launch Initial Setup

- After installation is complete, the system will automatically open the initial setup screen.

07. Configure System Settings

STEP 1: SELECT THE NUMBER OF CELLS

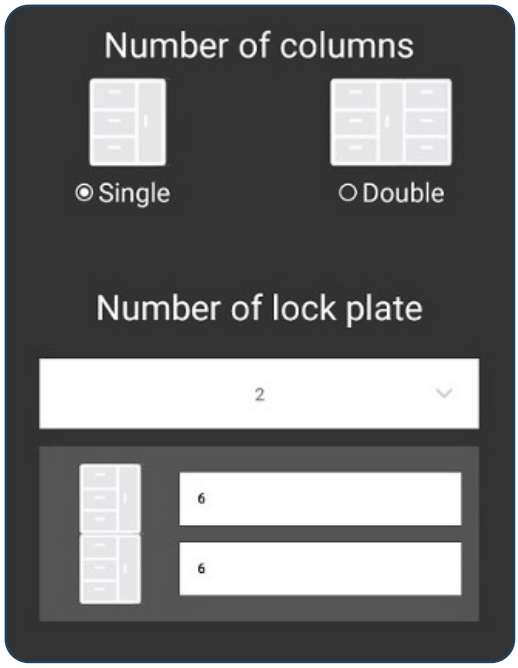
- Enter the total number of bays your locker has.
- Available models: SC2-Locker-24

STEP 2: CONFIGURE THE LOCK PANEL

- New generation lockers (with LED indicators on each bay): **Select UV Lock Panel (Lock12Dtc)**
- Original lockers (black and white, no LEDs): **Select Normal Lock Panel (Lock12)**

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FIRMWARE UPDATE



STEP 3: SET THE "NORMAL" OPTION

- SC2-Locker-24: **Leave as Normal**

STEP 4: SET THE NUMBER OF COLUMNS

- SC-Locker-24: **Double**

STEP 5: SET THE NUMBER OF LOCK PLATES

- All current locker models have 2 sections, each with its own circuit board.
- Select 2.

STEP 6: SET BAYS PER SECTION

SC-Locker-24: **12 + 12**

08. Finalize Setup

- Verify all settings are correct.
- Select Submit.

09. Post-Installation Notes

- The default administrator password will be reset to: 123456
- Administrator access cards must be reconfigured:
- To Add Administrator Cards
    1. Log in as administrator.
    2. Select the gear icon (top-right corner).
    3. Select Administrator Card.
    4. Scan each card to register it.
    5. Confirm each card's unique ID appears in the list.

IMPORTANT: Ensure all configuration settings match the physical locker model before submitting. Incorrect settings may result in improper locker operation.

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06.

TROUBLESHOOTING

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TROUBLESHOOTING

The power is out and I need access.

- Open the Upper and Lower Access Door Lock with key.
- Then, Push down on each Release lever to open Bays.



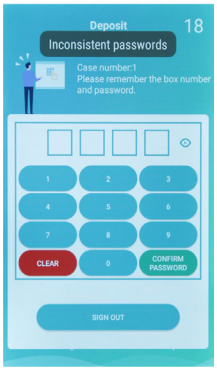
I don't see the main menu.

- Screen Save activated; Press the screen.



A User no longer rememebers password.

- Follow the instructions for Single Open, then Single Clean on page 34.



Someone exited the App.

- Press the Android Home Button.
- Then, press "Cabinet" App icon.





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TECHNICAL SUPPORT

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