



USER MANUAL

NV13A / NV13AP / NVA2A / NVA2AP

Please read this manual carefully before operating the product and keep it for future reference. The use of diagrams and illustrations in the manual are for reference only, the actual product may be different.

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MODEL

13" Models

MODEL CODE	NV13A	NV13AP
MODEL NAME	68303	68301

A2(28.6") Models

MODEL CODE	NVA2A	NVA2AP
MODEL NAME	68305	68307

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DECLARATION OF CONFORMITY

FEDERAL COMMUNICATIONS COMMISSION (FCC) STATEMENTS (U.S. ONLY)

Modification Warning

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Part 15 Compliance Statement

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

RF Exposure Statement

To comply with FCC RF exposure requirements, a minimum separation distance of 20 cm must be maintained between the antenna of this device and all persons. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Class B Digital Device Statement

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.



DECLARATION OF CONFORMITY

INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA(ISED) STATEMENTS (CANADA ONLY)

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: This device may not cause interference. This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient des émetteurs/récepteurs exempts de licence conformes aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: L'appareil ne doit pas produire de brouillage. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

SAFETY PRECAUTIONS

SAFETY SYMBOLS

The following safety instructions are to ensure your personal safety and prevent property damage. Please read the following to ensure the proper use of the product.

SYMBOL	NAME	MEANING
	WARNING	Do NOT attempt. Failure to follow instructions may result in serious or fatal injury.
	CAUTION	Failure to follow instructions may result in personal injury or property damage.
	EMERGENCY	Unplug the LCD and contact a DynaScan certified service professional immediately if any of the following occurs
	INSTRUCTION	Follow directions.

IMPORTANT SAFETY INFORMATION



Unplug the product and contact a DynaScan certified service professional immediately if any of the following occurs:



Damaged power cord or power plug.



If liquid or foreign object has entered the product.



If the product has been exposed to rain or water.



If the product has been dropped or the casing has become damaged.



If any structural damage such as cracks or unnatural vibration is found.



If the product cannot be operated following the steps outlined in this manual.



If the product emits smoke or other odors, or generates strange noises.

INSTALLATION

WARNING

-  Please installed the display in well-ventilated place, do not install in a confined space.
-  Suitable for mounting on concrete or other non-combustible surface only.
-  Power supply cord must not be attached to the building surface, nor run through walls, ceilings, floors and similar openings in the building structure.
-  Power cord shall be connected to a socket-outlet with earthing connection

CAUTION

-  Do not install near flammable material or any heat sources.

OPERATION

WARNING

-  If it gives off smoke, strange smell, or unusual noise, or when it gets too hot to touch, immediately unplug the display and contact the dealer.
-  Do not use extreme force or any sharp or pointed objects to touch the display.
-  Do not drop or allow any object to fall to the display.
-  Do not operate the display with wet hands to avoid electric shock.
-  Do not discard this product with general household waste. Please be sure to comply with the local waste regulations.
-  This device uses, generates and radiated radio frequency energy. The radio frequency energy produced by this device is well below the maximum exposure allows by Federal Communications Commission (FCC).
-  When a stationary or fixed image is displayed on the screen for a long time, the image may be permanently imprinted on the screen. This phenomenon is known as image burn-in and is not covered by the manufacturer's warranty.
-  In order to avoid burn-in, avoid prolonged display of static or fixed images on the screen.

CAUTION

-  Do not defeat the safety purpose of the grounding-type plug.
-  Do not disassemble the display to avoid electrical shock or burn.
-  Battery Polarity: When installing batteries, please ensure the positive and negative terminals (+, -) are oriented correctly. If the polarity is incorrect, batteries may rupture or leak, leading to environmental pollution, property damage, or even causing fire and personal injury.
-  Battery Recycling: Batteries (including rechargeable batteries) are not classified as general household waste and must be recycled. It is the customer's responsibility to bring used batteries to a collection point. You may take your old batteries to nearby public recycling centers or any retail store that sells the same type of batteries.
-  Risk of fire or explosion if the battery is replaced by an incorrect type.

CLEAN

WARNING

-  Do not use any hard material to wipe the panel.
-  Do not poke the panel with your hand or any sharp object (such as a pen or a nail) or exert excessive pressure on the panel to prevent any damage.
-  Do not use any cleaning solutions on the panel as it might cause discoloration.

CAUTION

-  Clean only with soft, dry cloth but not use chemical liquids, and unplug while cleaning.
-  Use a soft, lint-free cloth to gently wipe dust from the screen panel and the casing.

LI-ION BATTERY USAGE GUIDELINES

IMPORTANT SAFETY WARNINGS (Read First)

Voltage Incompatibility: 10440 and 18650 batteries have a nominal voltage of 3.7V. DO NOT install them in devices designed for standard 1.5V AAA alkaline batteries or other lower-voltage batteries. Doing so may cause permanent circuit damage or fire.

Physical Inspection: Before installation, ensure the battery wrap (heat-shrink tubing) is intact. If the wrap is torn, exposing the metal casing, or if the battery is deformed/leaking, STOP using it immediately.

I. Battery Installation Steps

1. **Open the Compartment:** Unscrew the tail cap or slide open the battery compartment cover.
2. **Identify Polarity:**
 - Check the polarity markings inside the compartment (+ for Positive/Button top, - for Negative/Flat end).
 - Pro Tip: The spring-loaded contact is almost always the Negative (-) terminal.
3. **Insert the Battery:**
 - First, press the Negative (-) end of the battery against the spring.
 - Gently push the Positive (+) end until the battery is fully seated in the slot.
4. **Secure the Device:**
 - Wipe any dust from the threads (ensure the O-ring is properly seated for waterproof devices).
 - Screw the tail cap clockwise until firm. Test the device to ensure functionality.

II. Battery Removal Steps

1. **Power Off:** Always turn off the device before removal to prevent electrical arcing or damage to the PCB.
2. **Open the Cover:** Unscrew the tail cap counter-clockwise.
3. **Safe Extraction:**
 - Tilt the device slightly to let the battery slide out naturally.
 - **WARNING:** Never use metal tools (e.g., tweezers, screwdrivers) to pry the battery out. This may puncture the cell or cause a short circuit.
4. **Contact Cleaning:** Inspect the contact points for oxidation or carbon buildup. If necessary, clean them with a dry cotton swab.

III. Storage & Maintenance

- 1. **Long-term Storage:** If the device will not be used for more than 7 days, remove the battery to prevent potential damage.
- 2. **Environmental Conditions:** Store batteries in a cool, dry place (approx. 20°C–25°C), away from flammable materials.
- 3. **Prevent Short Circuits:** Do not carry loose batteries in pockets or bags with metal objects (keys, coins). Use a dedicated plastic battery case.

IV. Troubleshooting

ISSUE	POSSIBLE CAUSE	RECOMMENDED ACTION
No Power	Incorrect Polarity	Remove and re-insert with correct +/- orientation.
Battery Won't Fit	Protected Cell Length	Verify if the device supports "Protected" 10440s (which are ~2mm longer).
Overheating	Internal Short Circuit	Remove battery immediately and contact technical support.

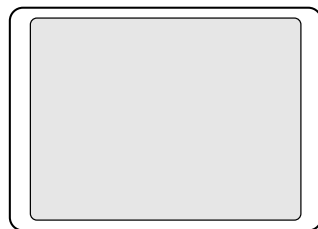


GETTING STARTED

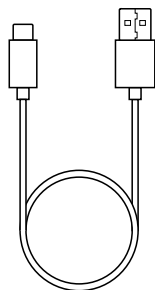
CONTENTS

Confirm that the accessories below are shipped along with the display. If any item is missing, please contact your dealer. The color and shape of the accessories may vary with the products.

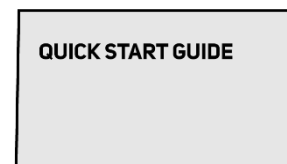
ePaper Display x 1 pc.



Type-C Charging Cable x 1 pc.



Quick Start Guide x 1 pc.



Note:

This product is packed in a carton, together with the standard accessories.

Any other optional accessories will be packed separately.

After opening the carton, ensure that the contents are complete and in good condition.

REQUIREMENTS

SYSTEM REQUIREMENTS

Operating System	Windows / MacOS / Android 13 or above.
Bluetooth	Required Bluetooth 4.0 or above
Supported Browser	 Google Chrome 78 or above  Microsoft Edge 79 or above

USB REQUIREMENTS

Supported USB Format	FAT32, exFAT
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ENVIRONMENT REQUIREMENTS

Operating Temperature	0°-40°C (with battery) 0°-45°C (without battery)
Storage Temperature	-25°-60°C
Humidity	20%-80% RH Non-condensing

POWER SUPPLY REQUIREMENTS

This product can be optionally equipped with the CWT A1C030AC adapter, or powered by an equivalent commercially available USB Type-C power supply that meets ALL of the following requirements:

Input: AC 100-240 V~, 50/60 Hz

Output: DC 5V (SELV / ES1)

Minimum Output Current: 3.0 A

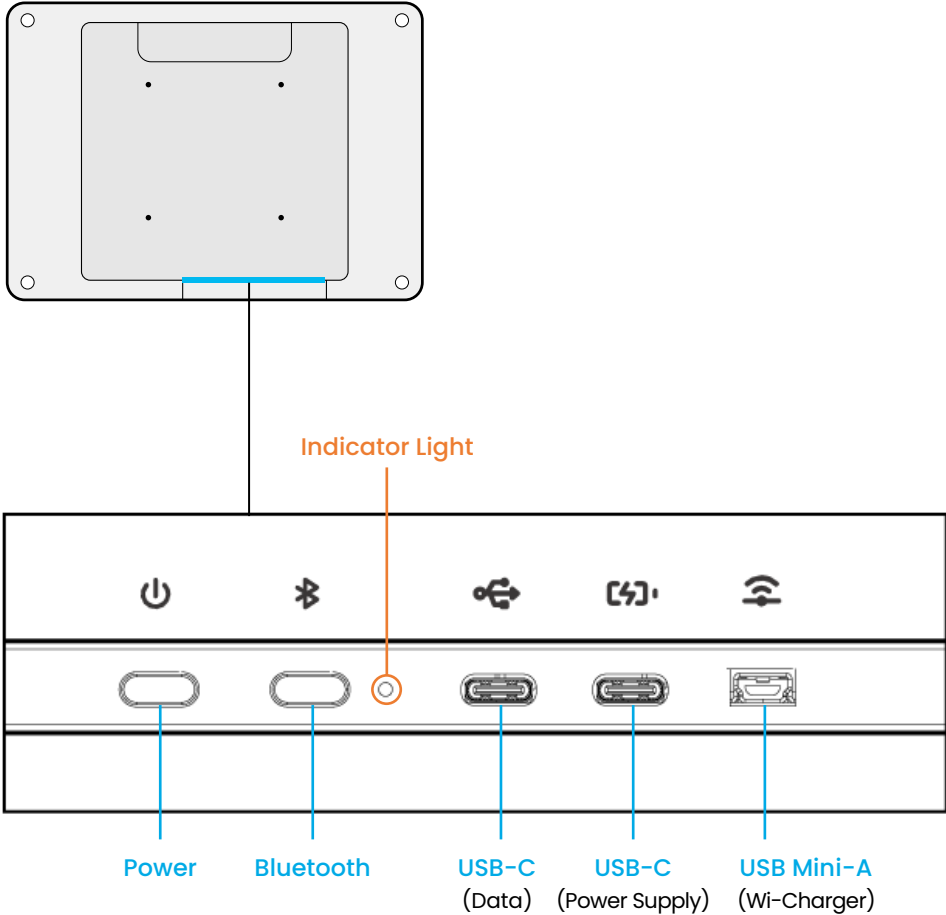
Limited Power Source (LPS) or PS2 according to IEC 62368-1

Certified to IEC 62368-1

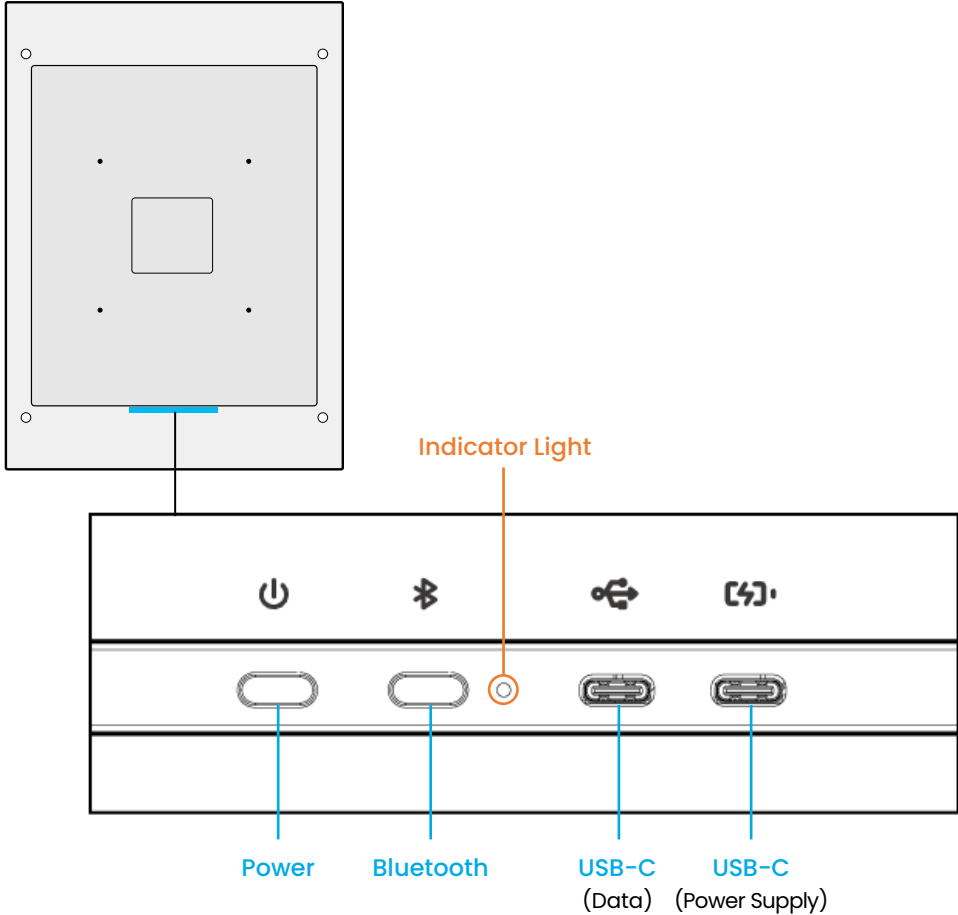
For Japan: PSE compliant power supply

INTERFACE

NV13A / NV13AP



NVA2A/ NVA2AP



INPUT / OUTPUT TERMINALS (PORT)

NV13A / NV13AP



USB-C
(Data)



USB-C
(Power)



USB Mini-A
(Wi-Charge)

PORT	DESCRIPTION
USB-C (Data)	Used for data transfer and device configuration.
USB-C (Power)	Used for power supply.
USB Mini-A (Wi-Charge)	Used for Wi-Charge receiver connection. [Optional Upgrade]

NVA2A / NVA2AP



USB-C
(Data)

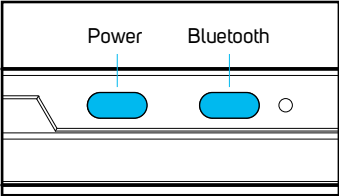


USB-C
(Power)

PORT	DESCRIPTION
USB-C (Data)	Support for USB flash drive storage, mouse and keyboard.
USB-C (Power)	Extension Connector for optional Extension thermal kit (ETK302).

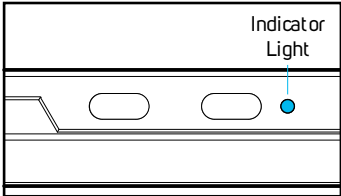
BUTTON OPERATION DESCRIPTIONS

Button	Action	Button Operation	Notes
Power	Power On	While powered off, short press the Power button.	Turns on the device.
	Power Off	While powered on, short press the Power button.	Turns off the device.
	Exit Power Saving Mode	While the device is in power saving mode, short press the Power button.	Exit power saving mode.
Bluetooth	Enable Bluetooth	While Bluetooth is off, short press Bluetooth pairing button.	Enables Bluetooth and enters pairing mode.
	Disable Bluetooth	While Bluetooth is on, short press Bluetooth pairing button.	Press the Bluetooth button to exit pairing mode.
	Disconnect Web Tool	While connected to the Web Tool, short press the Bluetooth button.	Press the Bluetooth button to disconnect from the Web Tool.

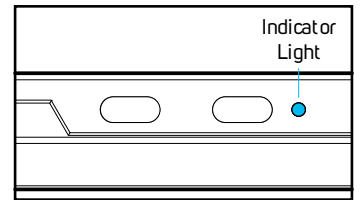


INDICATOR LIGHT DESCRIPTIONS

ePaper Status	LED Indicator	Notes
Powering On	Blink Green 	During startup, the green indicator light will blink.
Standby Mode	Steady Green 	Once the startup is complete, the green indicator light will remain steadily on, indicating the system has entered Standby mode.
Power-On Failure	Green LED Flashes Once 	If the green indicator light flashes once and turns off, it indicates an abnormal power supply. You may need to replace the battery or connect an external power source.
Power Off	Light Off 	If the device is powered off or disconnected, the indicator light will turn off.
Power Saving Mode	Light Off 	If the device remains idle for more than 1 minute, it will enter power-saving mode and the indicator light will turn off.
Enable Bluetooth	Blink Blue 	If no device is connected within 300 seconds, the indicator light turns off and exits pairing mode automatically.
Bluetooth Connected to Web Tool	Steady Blue 	Bluetooth is connected



ePaper Status	LED Indicator	Notes
USB Inserted + File Transferring	Blink White ○ ○	Indicates file is being transferred.
File Transfer via USB Completed (Can Remove USB)	Steady White (3s) ○	Indicator light turns off automatically after 3 seconds. USB can be safely removed.
USB File Password Mismatch	Blink Red (3s) ○	Indicates that the device password does not match the password of the config file on the USB drive, and the file cannot be read.
USB File Conflict	Blink Red (3s) ○	Indicates that both a config file and a firmware file are present on the USB drive, causing a file conflict that the device cannot process.
File Transfer via USB Failed	Blink Red (3s) ○	Indicator light turns off automatically after 3 seconds.
Firmware (APK) Updating	Steady White ○	Firmware is updating.
Firmware (APK) Update Completed	White LED Off ●	Firmware update is complete.
Charging	Steady Orange ●	The device is currently charging.
Low Power Warning	Blink Orange ● ○	The device battery level is below 15%.
High Temperature Warning	Steady Orange ●	The device is in a high-temperature state. Content updates have been suspended

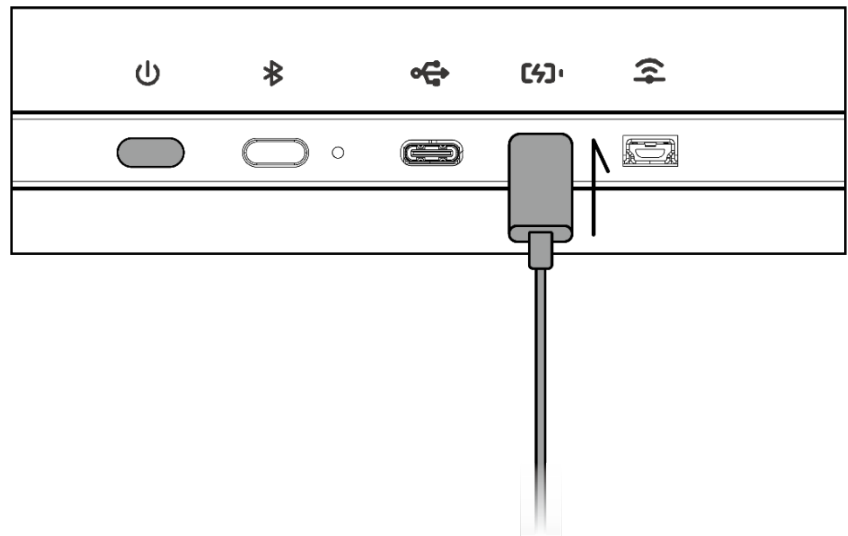


OPERATING INSTRUCTIONS

POWER ON

Via USB-C

Connect the power adapter to the USB-C Power Supply port on the NAVO display, And short press the “Power” button.



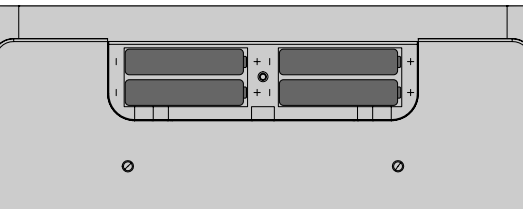
- ⚠ **Caution:** Wait at least 5 seconds after connecting the power cable before operating any buttons.
- ⚠ **Caution:** Buttons will not respond while the screen is changing and for 10 seconds afterward.

Via Battery

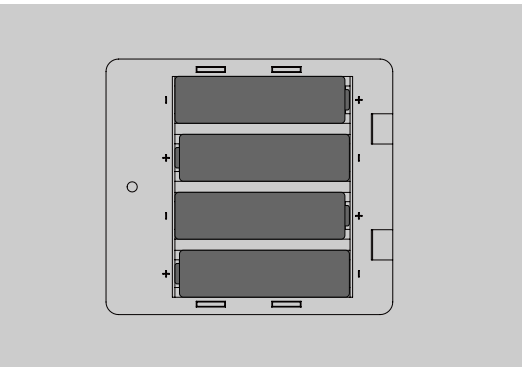
Install four 3.7V batteries and short press the “Power” button

Note: Make sure to install the batteries with the correct polarity to avoid damaging the NAVO display.

NAVO I3 Battery Requirements
3.7V / 10440 lithium battery x4

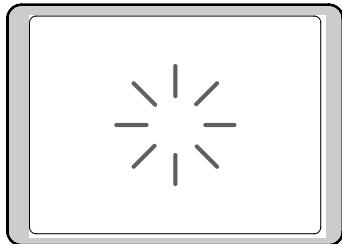
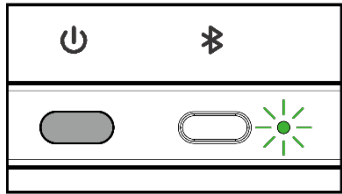


NAVO A2 Battery Requirements
3.7V / 18650 lithium battery x4

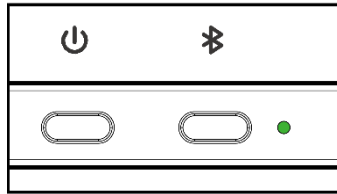


POWER ON

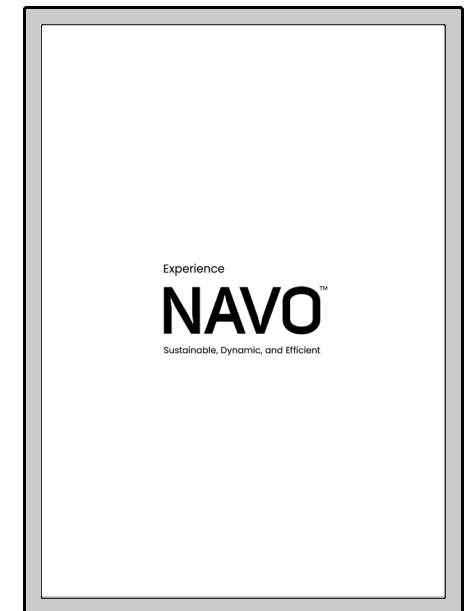
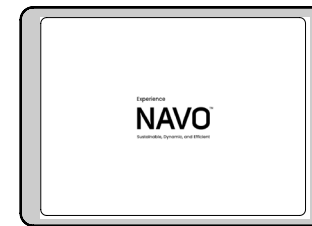
1. A **Blink Green** indicator light means the display is starting up. The screen will begin flashing.



2. When the blinking green light turns **Steady Green**, startup is complete. NAVO display is in **Standby Mode**.



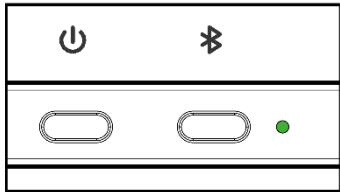
3. After approximately 50 seconds, the default screen will be displayed, indicating that the power-on process is complete.



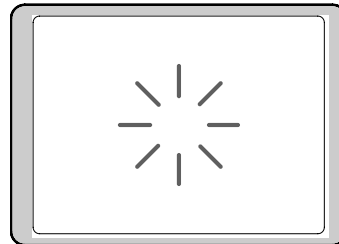
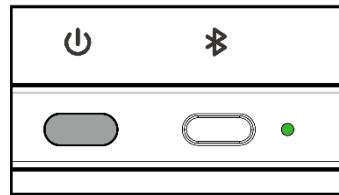
POWER OFF

1. Ensure the NAVO display is in **Standby Mode** (**Steady Green** indicator).

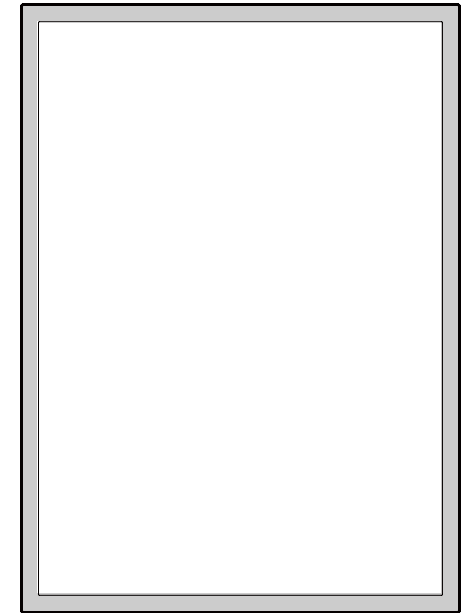
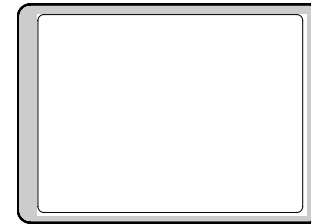
If the indicator turns **Light Off**, the device may be powered off or in power-saving mode.
Refer to "Power Saving Mode" on [page 22](#) for more detail.



2. Short press the "**Power**" button.
The screen will begin flashing,
indicating shutdown has started.



3. After approximately 70 seconds,
the indicator turns **Light Off** and the screen turns **Solid White**,
indicating shutdown is complete.

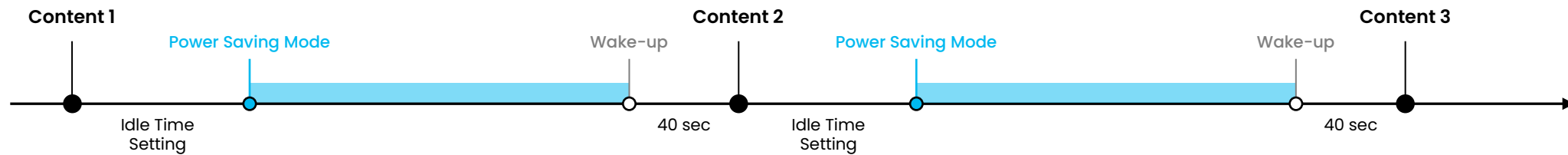


Caution: Buttons will not respond while the screen is changing and for 10 seconds afterward.

POWER SAVING MODE

Introduction

Power Saving Mode reduces power consumption between content updates. The display wakes up 40 seconds before each scheduled update and returns to power-saving mode after the configured idle time.



Idle Time Setting: 1 min / 3 mins / 5 mins / 10 mins / 15 mins / Disabled

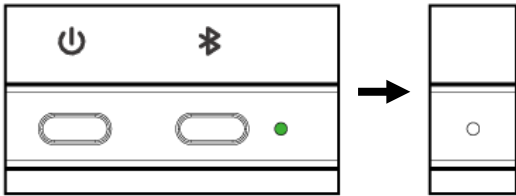
The device will not enter Power Saving Mode under the following conditions:

- Bluetooth pairing mode
- USB transfer mode
- FTP connection mode
- System update mode
- Reset mode
- During content update
- Low battery condition
- When using a third-party CMS

POWER SAVING MODE

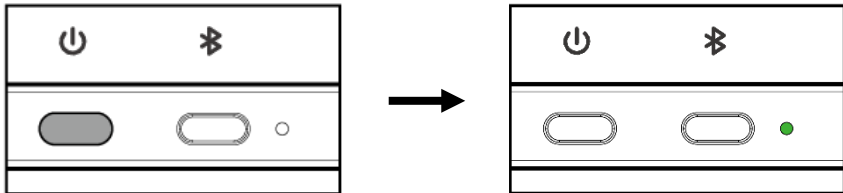
Enter Power Saving Mode

If the display remains idle for longer than the **Configured Idle Time** it will enter **Power Saving Mode** and the indicator light will **Turn Off**.



Exit Power Saving Mode

1. While the display is in power saving mode, short press the **Power** button.
2. The indicator light will turn **Steady Green**, indicating that the NAVO display has entered **Standby Mode**.



CONFIGURATION MODES OVERVIEW

CONFIGURE via BLUETOOTH (Real-Time Connection)

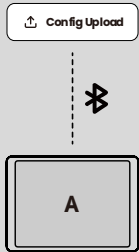


Features: Direct wireless connection between your PC/mobile device and Settings take effect immediately after uploading.

Ideal Scenarios: Single device setup, quick on-site adjustments, or troubleshooting.

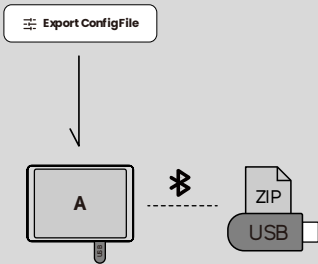
Config(s) Upload

Instantly pushes and applies the current web settings and schedules to the connected display.



Export Config File

Packages your current settings into a .zip file for backup, making it easy to duplicate and apply them to other devices via USB later.



CONFIGURE via USB (Offline Deployment)



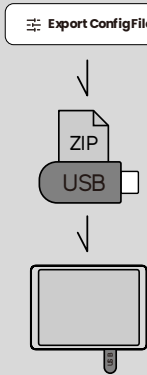
Features: No physical proximity to the screen is required. Edit offline in the browser, then update the displays physically via a USB flash drive.

Ideal Scenarios: Large-scale multi-device deployment, remote site distribution, or advanced preparation at the office.

Export Config File

Packages your newly created configuration into a .zip file.

Note:
You must save this file in the root directory of the USB drive. Simply plug it into the device to update.

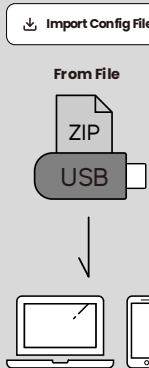


Import Config File

Loads an existing configuration file into the web interface for viewing or editing.

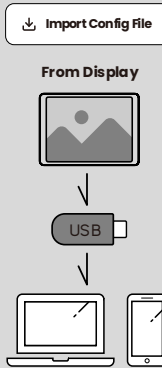
From File

Loads a previously saved .zip file from your computer to continue editing.



From Display

Extracts the currently active configuration file directly from an on-site display using a USB drive, allowing you to view and modify it.



CONFIGURE via BLUETOOTH

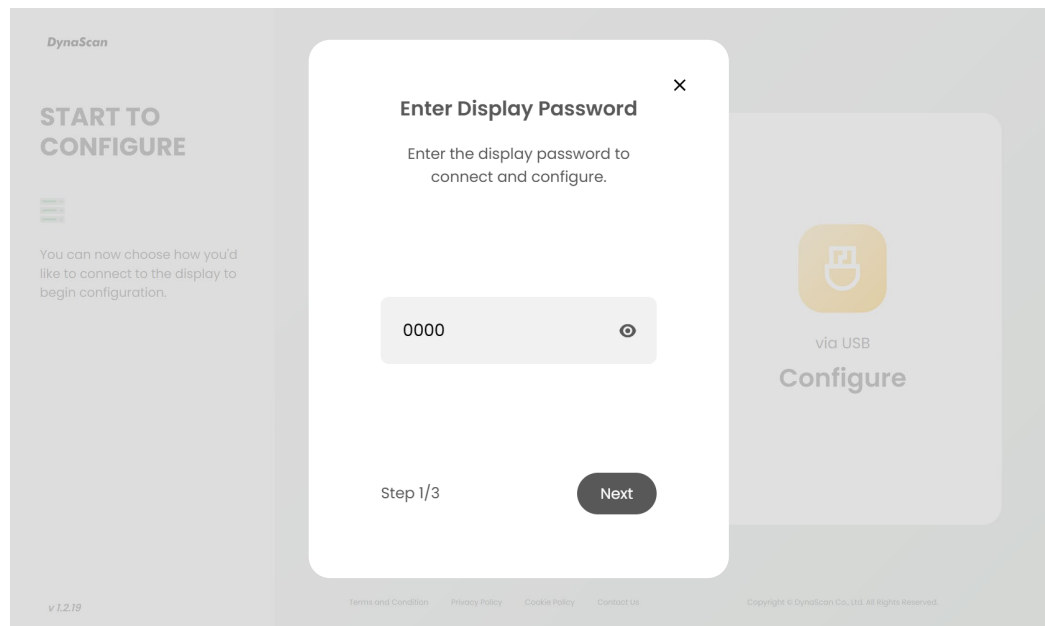
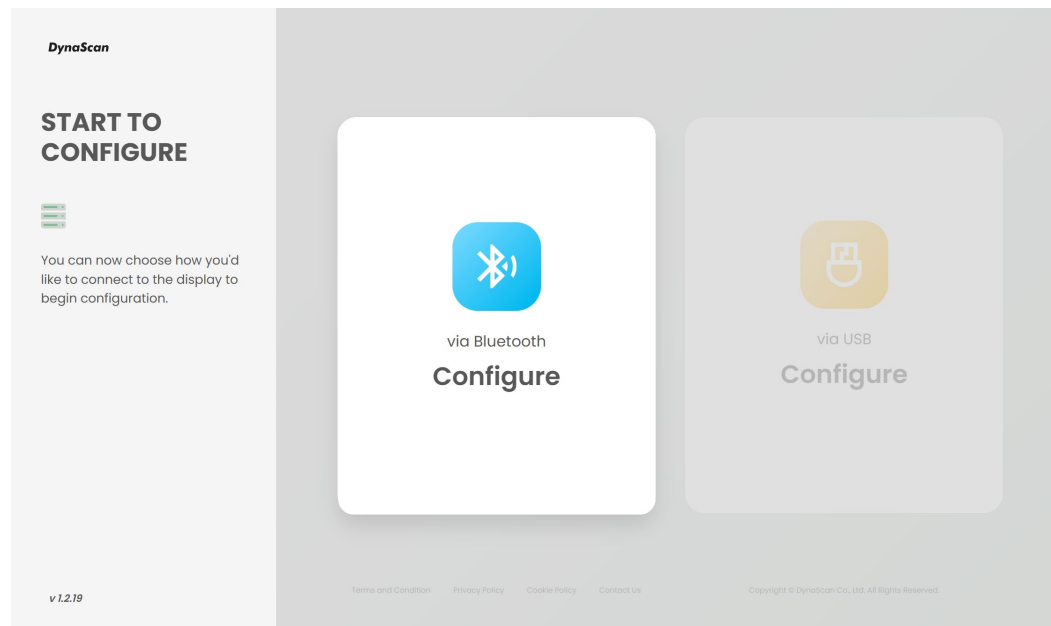
START TO CONFIGURE

1. Use a browser to open the ePaper Web Tool page, and click “[Configure via Bluetooth](#)” to log in.

Web: <https://displaylink.dynascan.com/epd>

2. Enter the target [NAVO Display Password](#) and click “[Next](#)” to pair via Bluetooth.

For first-time use NAVO display, the Default Password is 0000.



CONFIGURE via BLUETOOTH

3. Press the “Bluetooth” button.

The blue indicator light will blink for 30 seconds, indicating that the NAVO display is in pairing mode.

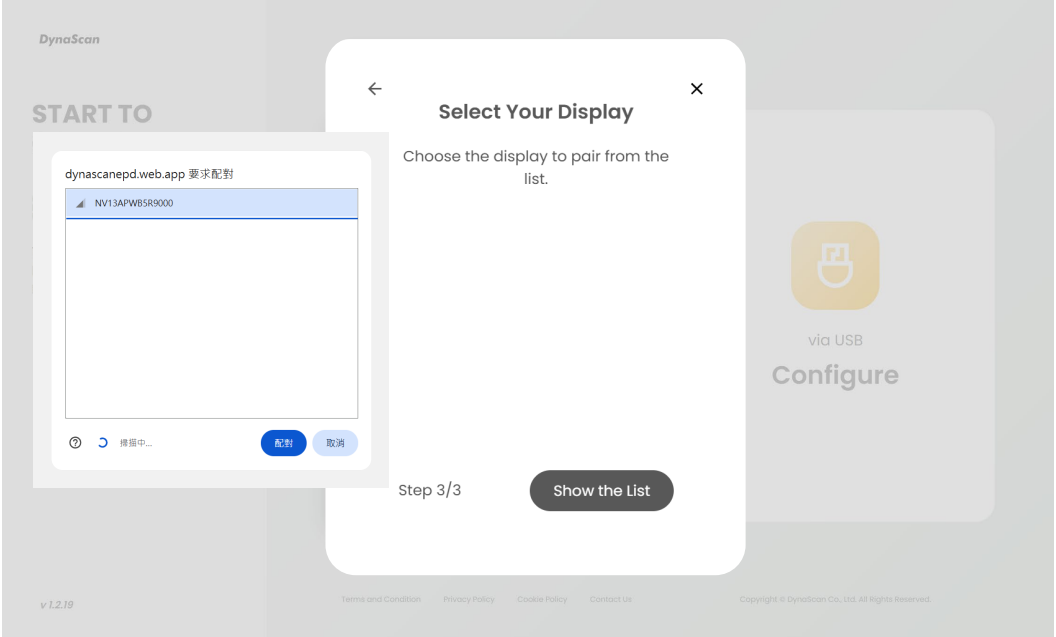
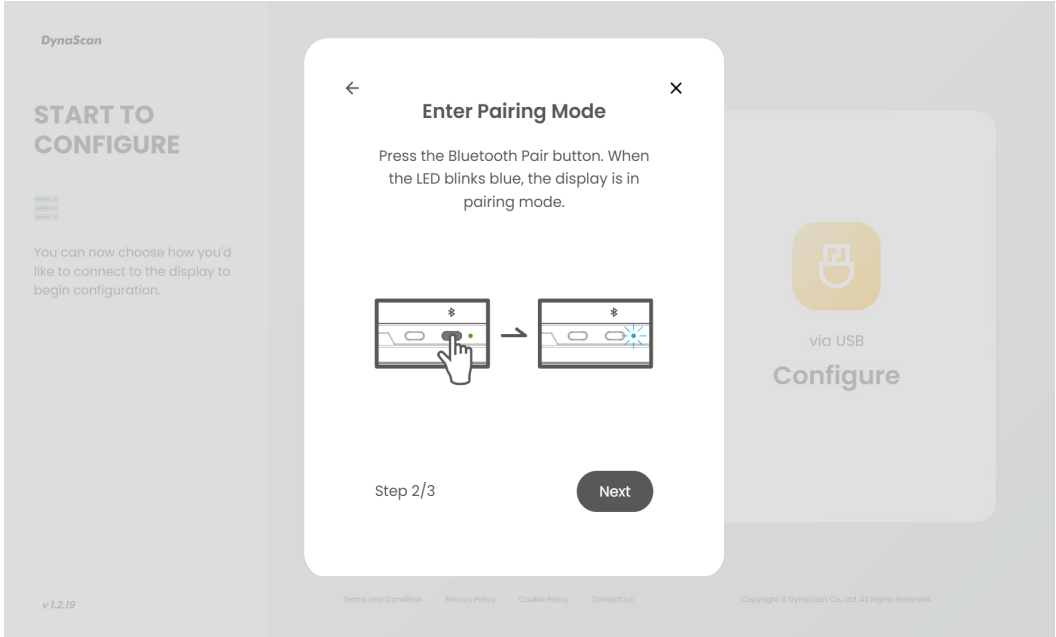
Bluetooth Connection Stability Guidelines

If you are using an external Bluetooth dongle with your computer, please plug it into a USB 2.0 port (usually black) to ensure optimal transmission quality.
To prevent signal interference and connection instability, avoid plugging the Bluetooth dongle into a port adjacent to wireless mouse/keyboard receivers or USB 3.0 flash drives.

4. Click “Show the List”.

A Bluetooth pairing prompt will appear on the webpage.
Then click “Display Name” to pair with the target NAVO display.

Default NAVO Display Name: Serial Number

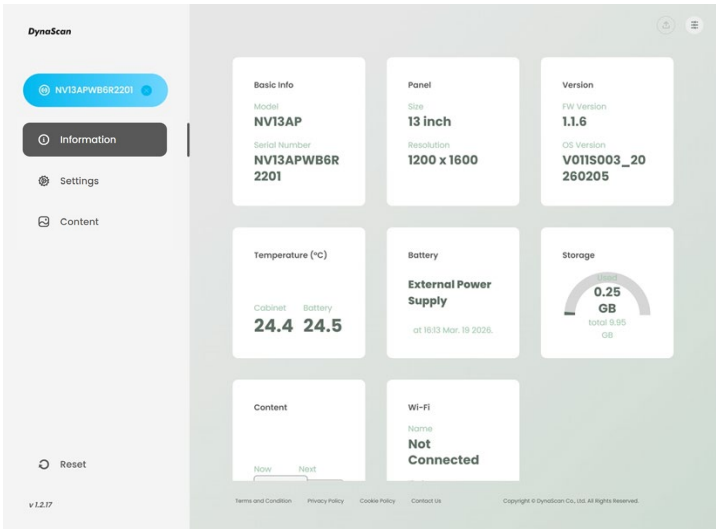


CONFIGURE via BLUETOOTH

5. After successful pairing, the configuration page will be displayed.
- NAVO display “**Information**” can be viewed, and “**Settings**” and “**Content**” can be configured on this page.

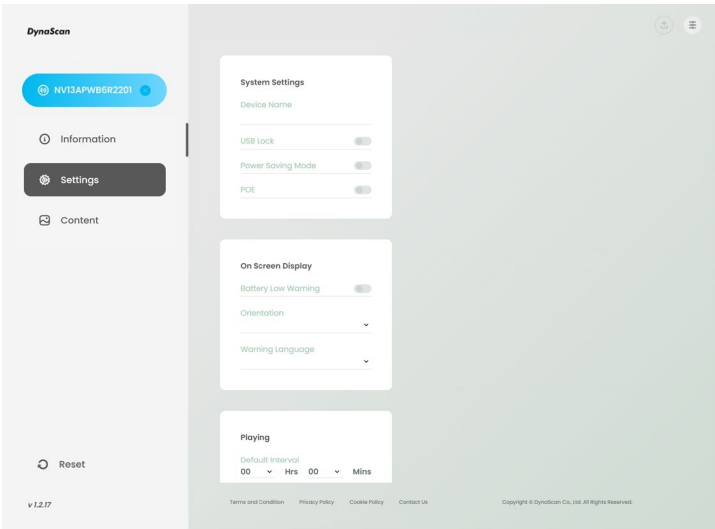
Information

NAVO display status and system information.



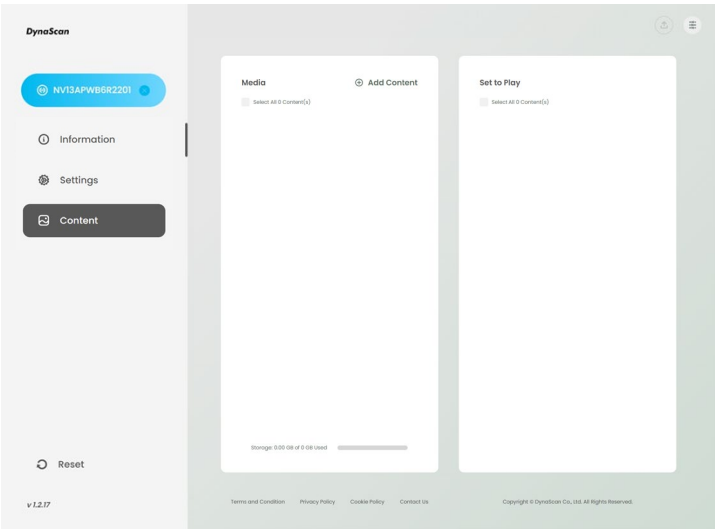
Setting

Provides access to system settings and configuration options.



Content

Display content and playback settings.



SETTINGS

Introduction

DynaScan

Information

Settings

Content

System Settings

Configure basic NAVO display settings and system behavior.

System Settings

Device Name

USB Lock

Power Saving Mode

POE

On Screen Display

Adjust display interface and on-screen notifications.

On Screen Display

Battery Low Warning

Orientation

Warning Language

TCP Settings

Configure TCP connection and communication settings.

TCP Settings

TCP Server

Localhost Connection Only

Wi-Fi Settings

Configure wireless network connection settings.

Wi-Fi Settings

OFF/ON

SSID

Password

Change Password

Manage display password.

Change Password

Old Password

New Password

Confirm New Password

IP Settings

Manage IP address and network configuration.

IP Settings

Enable Static IP

IP Address

Netmask

Gateway

DNS

FTP Settings

Set up FTP server connection and file transfer settings.

FTP Settings

Host Server

Port

User Account

User Password

Remote Directory

Connect Frequency(min)

29

CONTENT

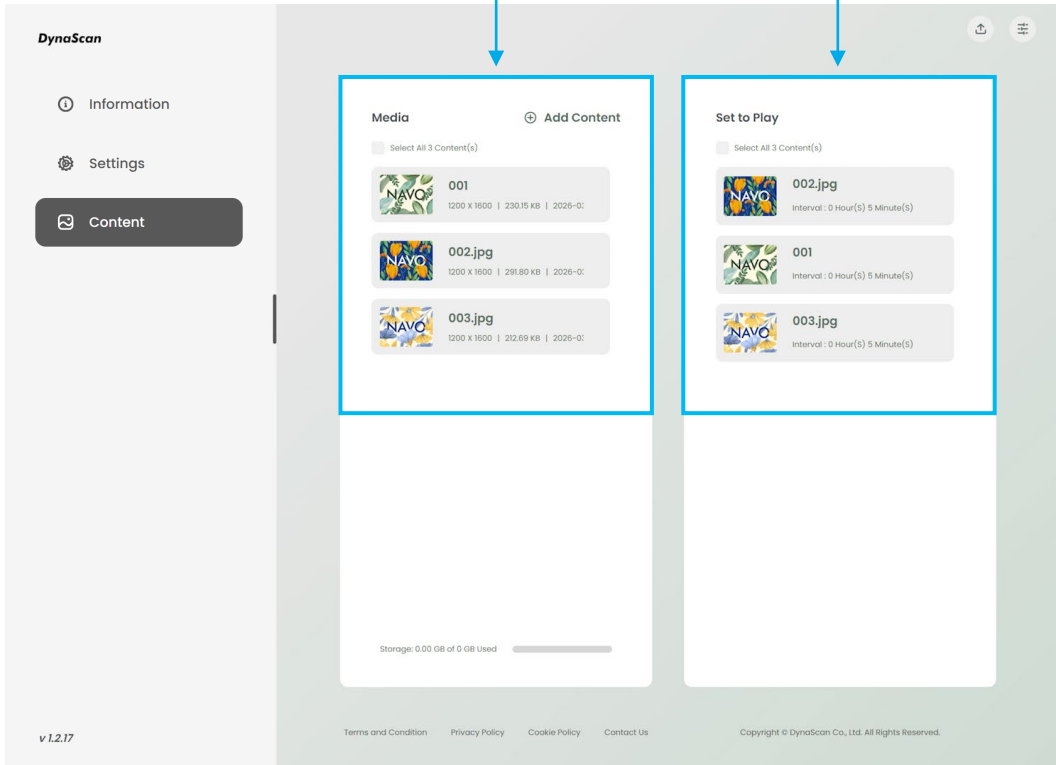
Introduction

Media

The images have been successfully uploaded.

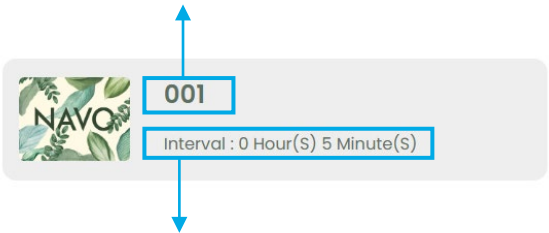
Set to Play

The images currently being displayed by the NAVO display.



Name

Allows you to edit the content name.



Duration (unit: seconds)

The playback duration.

Minimum: 5 minutes

Maximum: 86,400 seconds (24hrs)

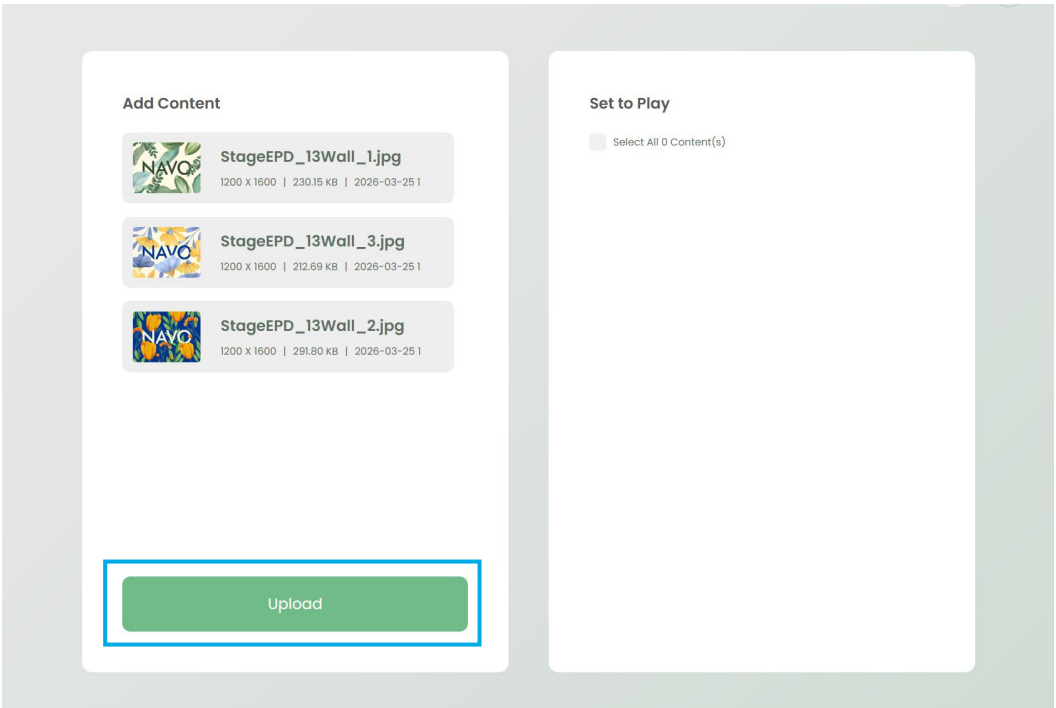
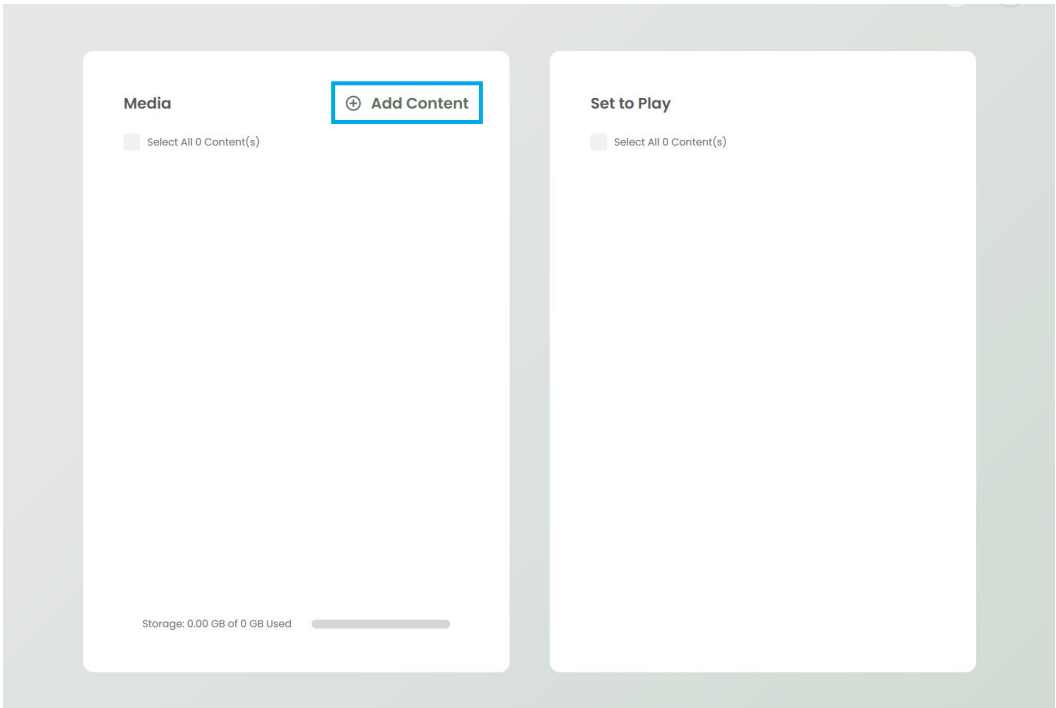
ADD CONTENTS (IMAGE/PDF)

- 1. Click “+Add Content” to add contents.
Uploaded images will be displayed in the Media library.

Content File Requirements

File Format	jpg / png / bmp / pdf
NAVO 13 Image Size	1600 x 1200 px
NAVO A2 Image Size	2160 x 3060 px

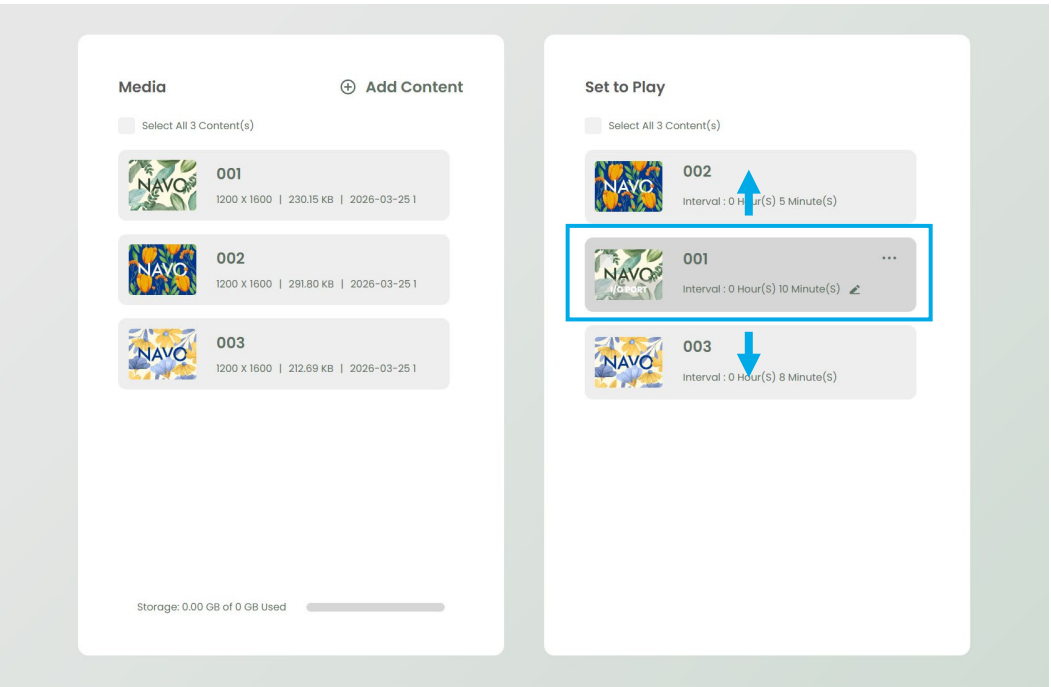
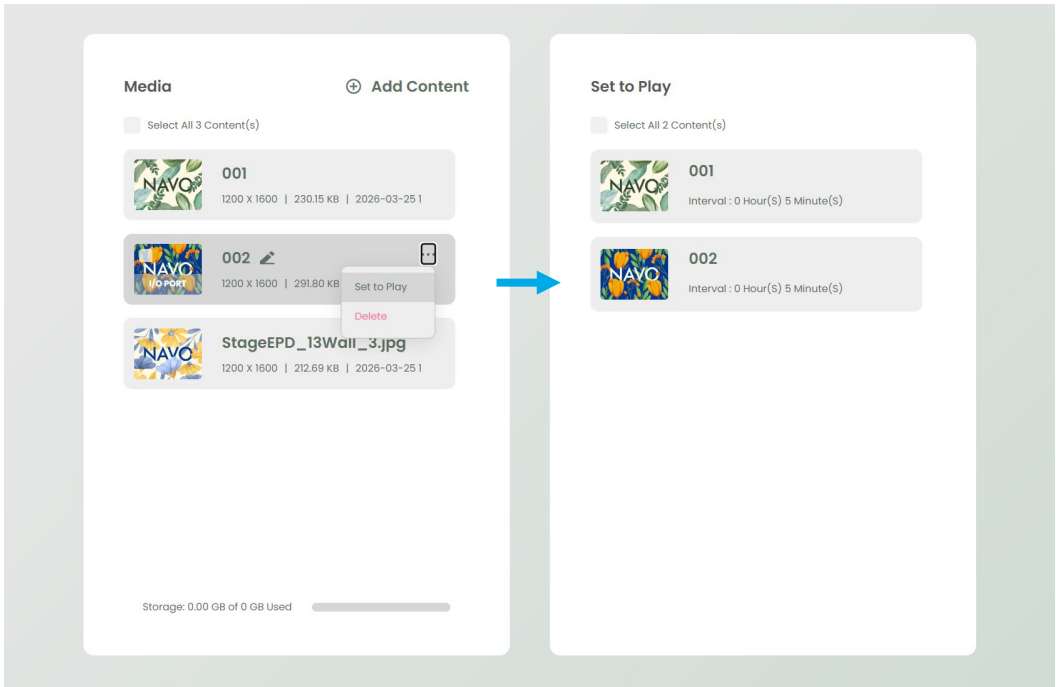
- 2. Click “Upload” to upload contents.



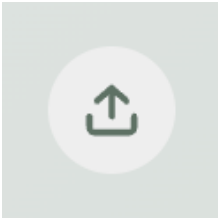
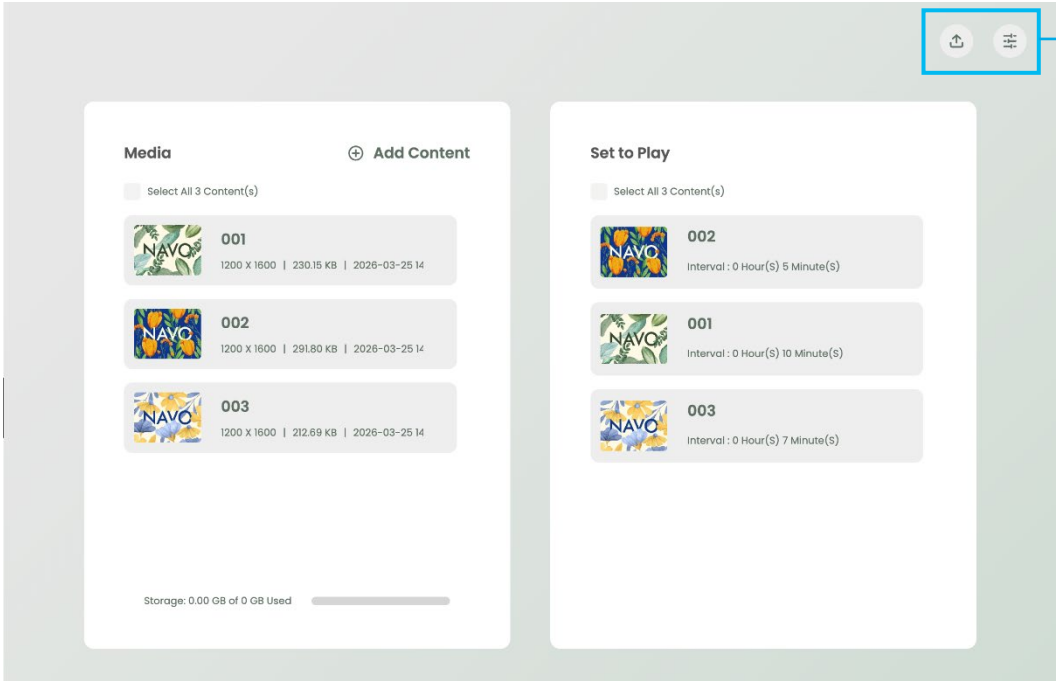
SET TO PLAY

1. Edit the image name if needed,
then click “Set to Play” or drag the image from “Media” to “Set to Play”.

2. Drag to reorder items in “Set to Play” order,
then set the display duration.

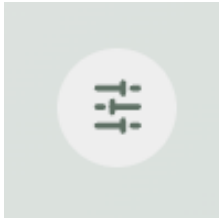
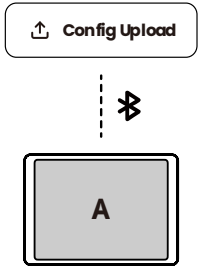


EXPORT TO DEVICE (via Bluetooth)



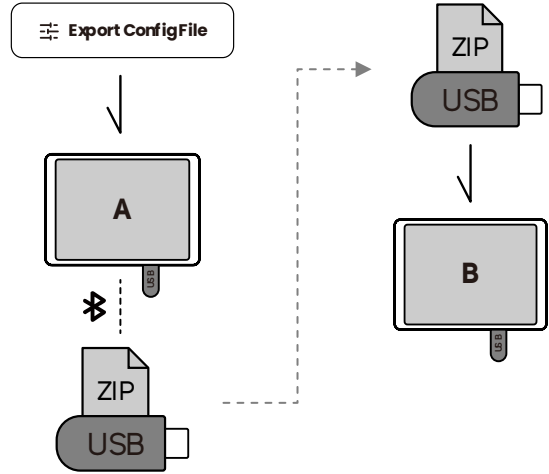
Config(s) Upload

Upload the config file to the NAVO display(A) via Bluetooth.



Export Config File

Export the current NAVO display(A) config file to USB drive.

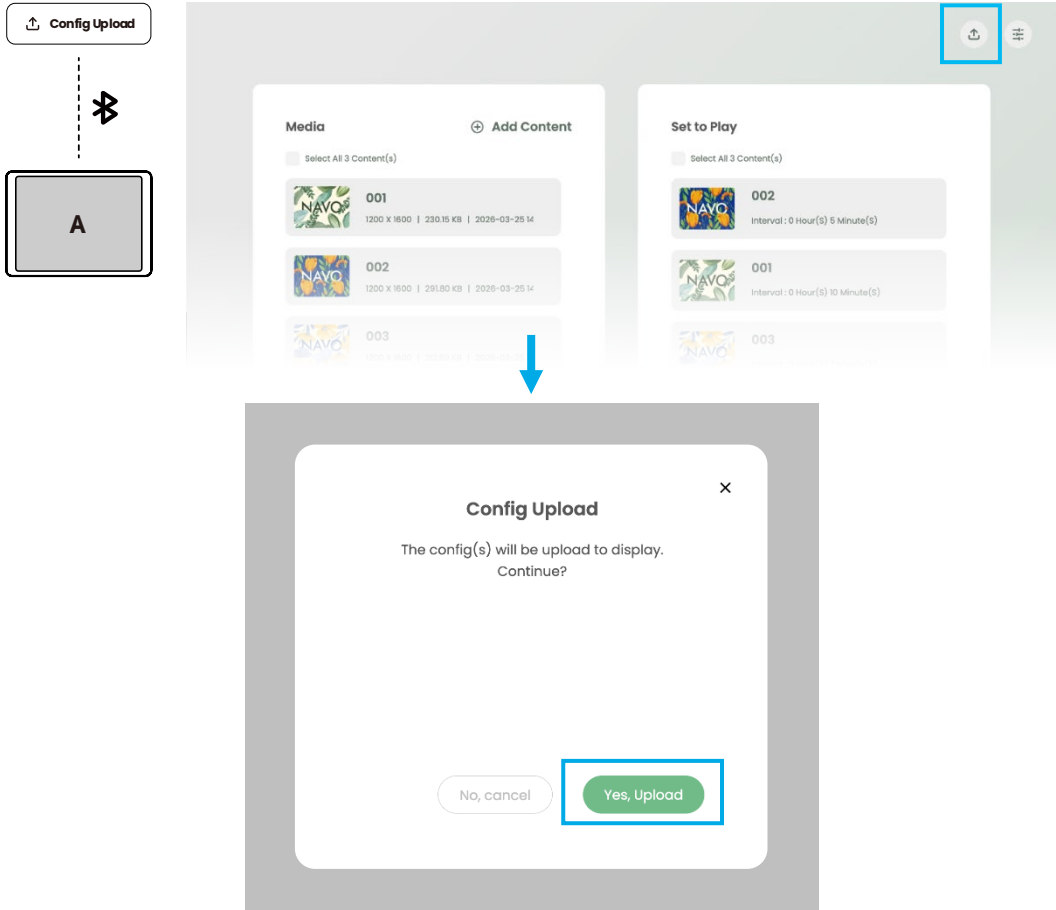


Install Config File

Install the config file to another NAVO display(B) via USB.

CONFIG(s) UPLOAD (via Bluetooth)

1. Click “ Config(s) Upload” to complete the content update.

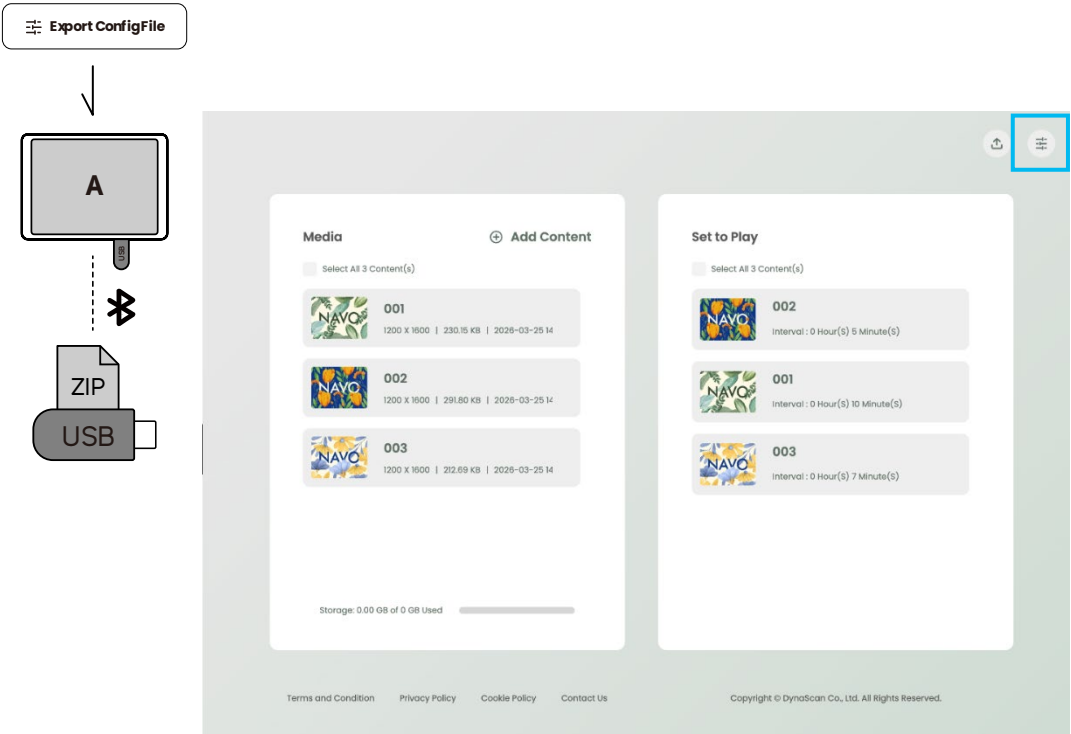


2. Content update completed.



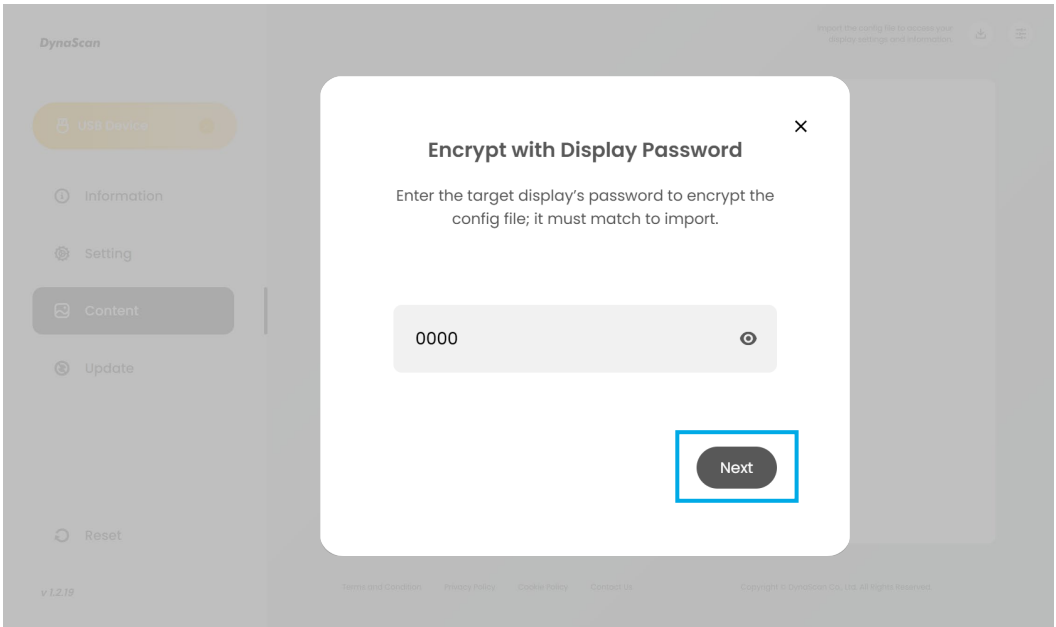
EXPORT CONFIG FILE (via Bluetooth)

1. Insert the USB drive into the NAVO display data port,
then “ Export Config File” will appear on the web page.



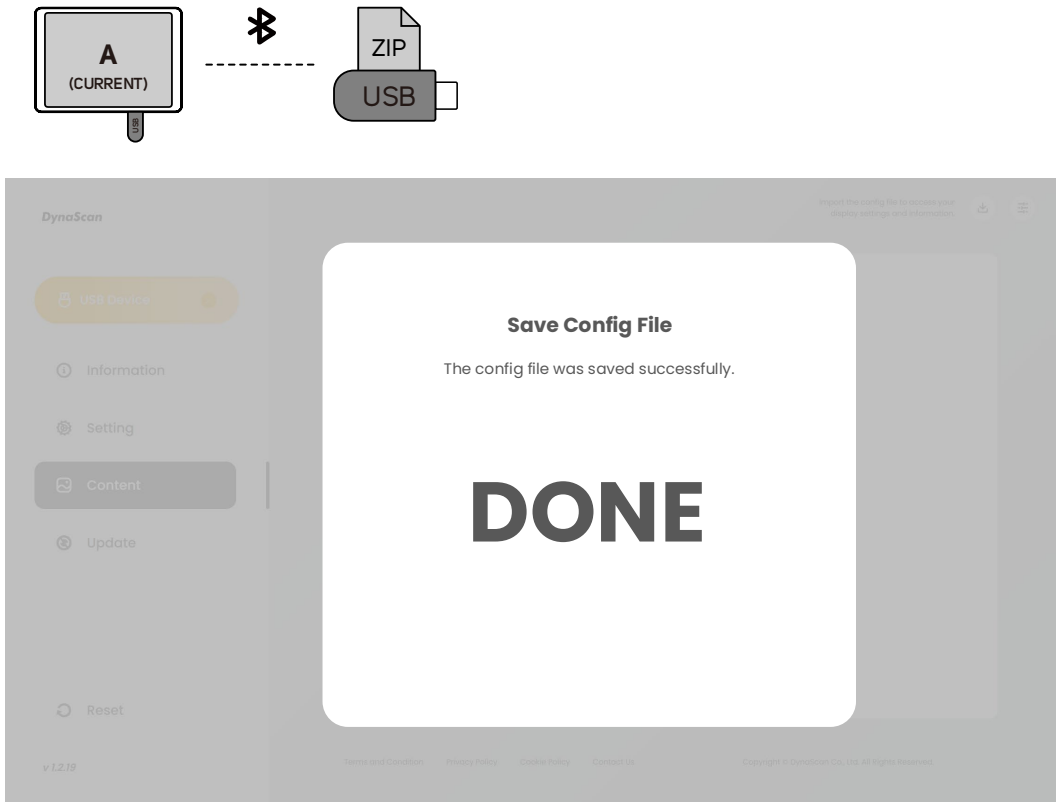
2. Click “Export Config File” to export the configured settings
Enter the target NAVO Display Password, and click “Next”.

For first-time use NAVO display, the Default Password is 0000.



3. The config file has been successfully saved to the USB drive.
Remove the USB drive to complete the process.

The USB drive can be used to install the config file to another NAVO display.

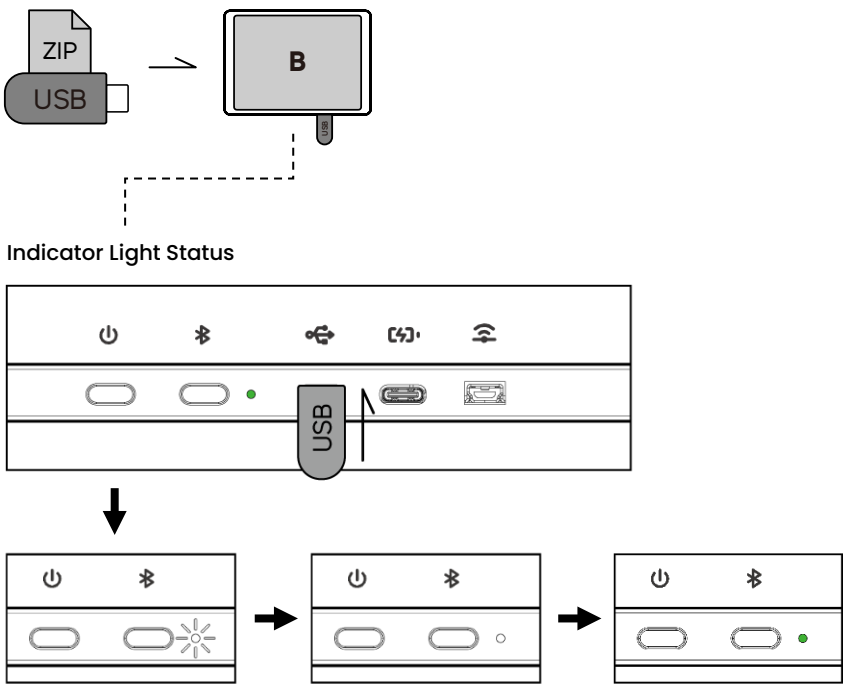


Install Config File (via USB)

Insert the USB drive with the config file into another NAVO display.

Wait until the indicator light to **Blink White** for a few seconds,
then turns **Steady White** for **3 Seconds**.

When indicator light turns **Green**, the config file transfer is complete.



Note: The config file password must match the NAVO display password.

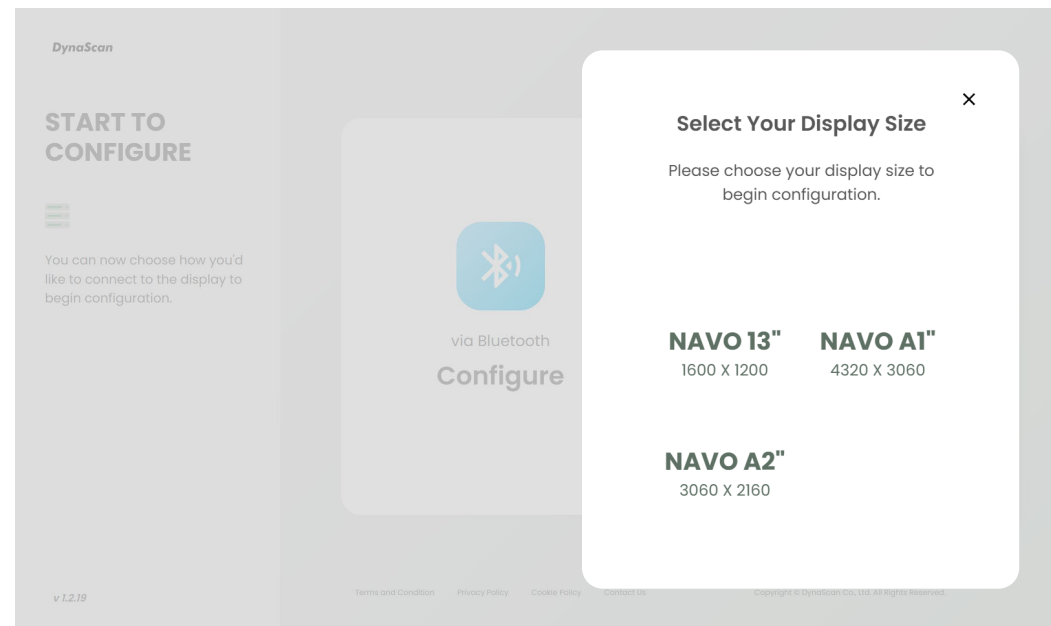
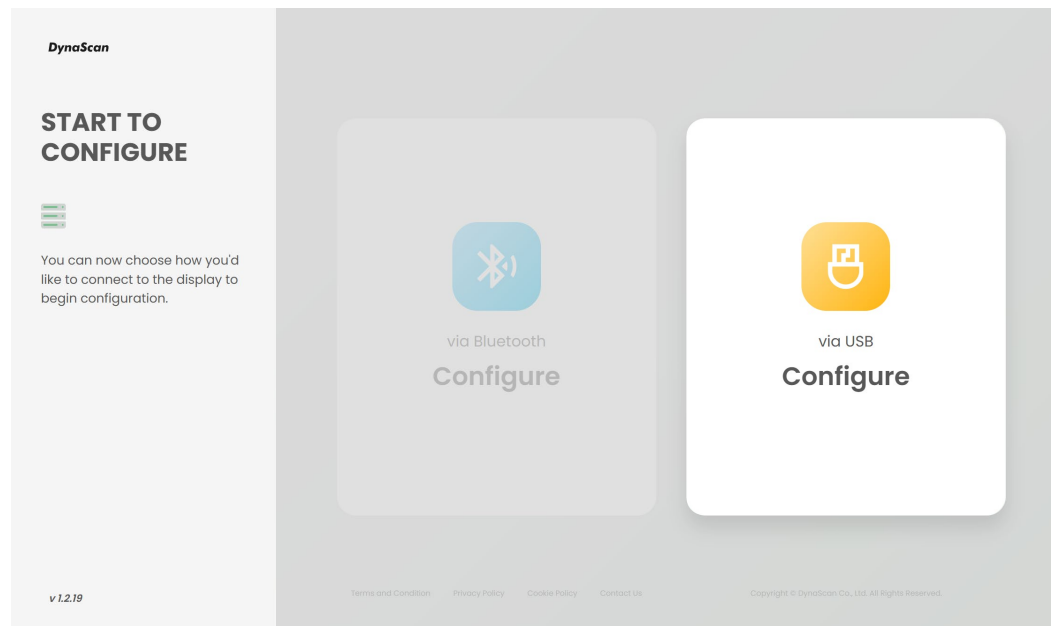
CONFIGURE via USB

START TO CONFIGURE

1. Use a browser to open the ePaper Web Tool page, and click “[Configure via USB](#)”.

Web: <https://displaylink.dynascan.com/epd>

2. Select your [Display Size](#).



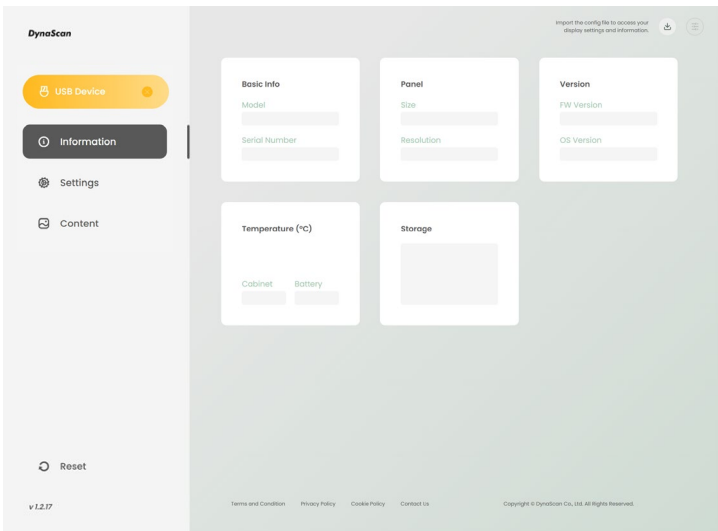
CONFIGURE via USB

3. Enter the configuration page.

You can create “**Setting**” and “**Content**” configurations here.

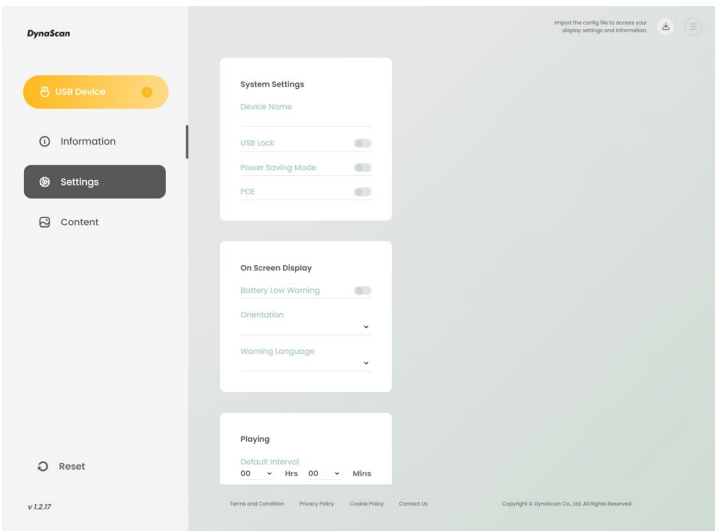
Information

NAVO display status and system information.



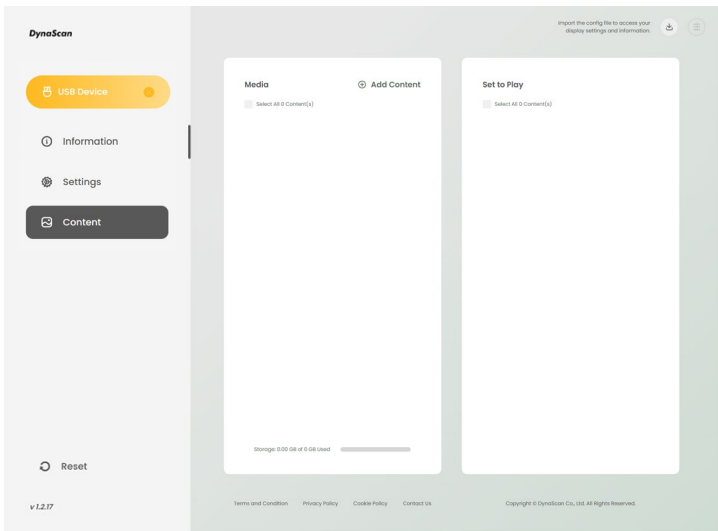
Settings

NAVO display system settings and configurations.
Refer to “Settings” on [page 28](#) for configuration details.



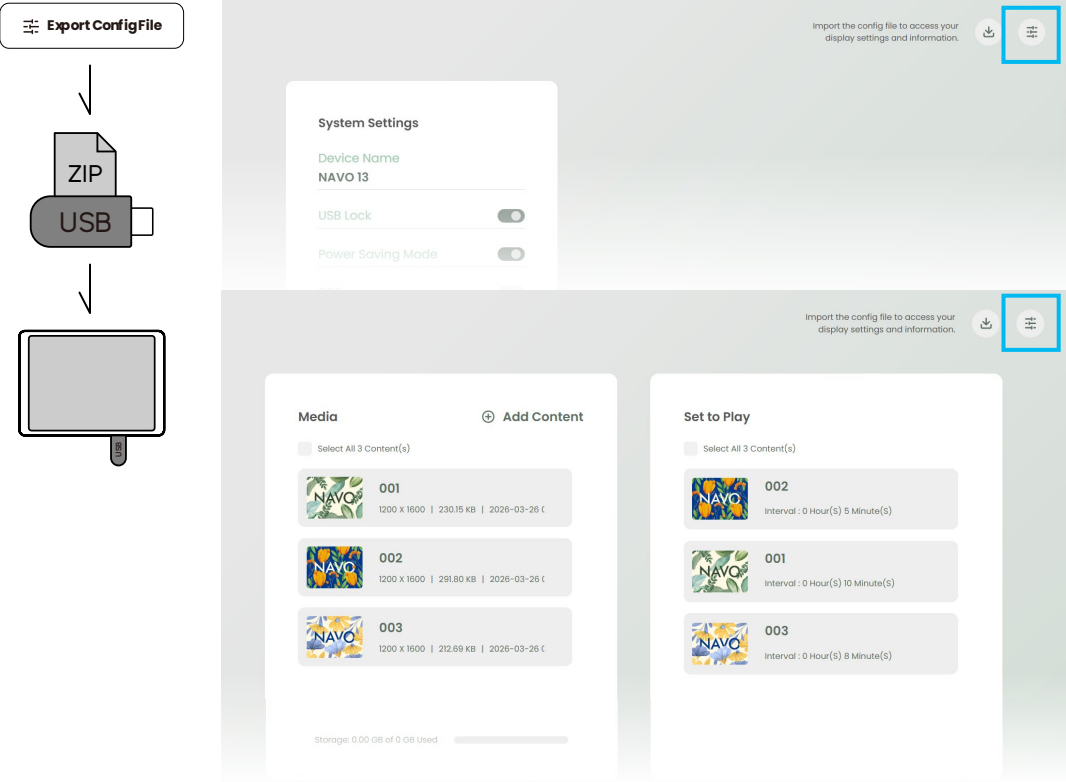
Content

Display content and playback settings.
Refer to “Content” on [pages 29–31](#) for content setup.



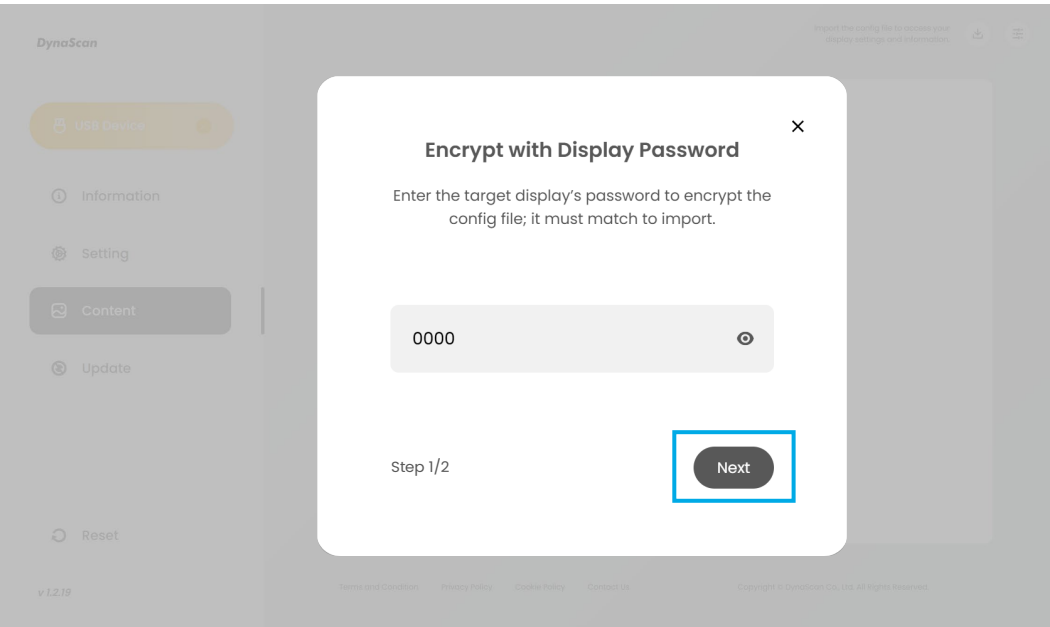
EXPORT CONFIG FILE (via USB)

1. Click “ Export Config File” to export the configured settings.



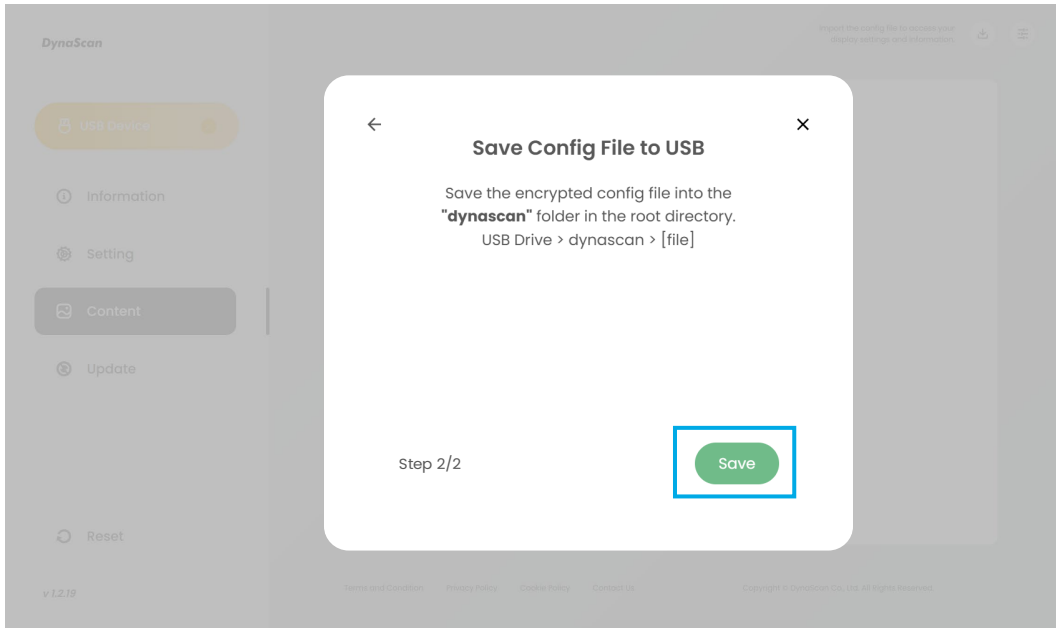
2. Enter the target **NAVO Display Password**, and click “Next”.

For first-time use NAVO display, the Default Password is 0000.



3. Insert the USB drive into the control device,
then click “**Save**” to export current “**Config File**” to the USB drive.
The config file export is complete.

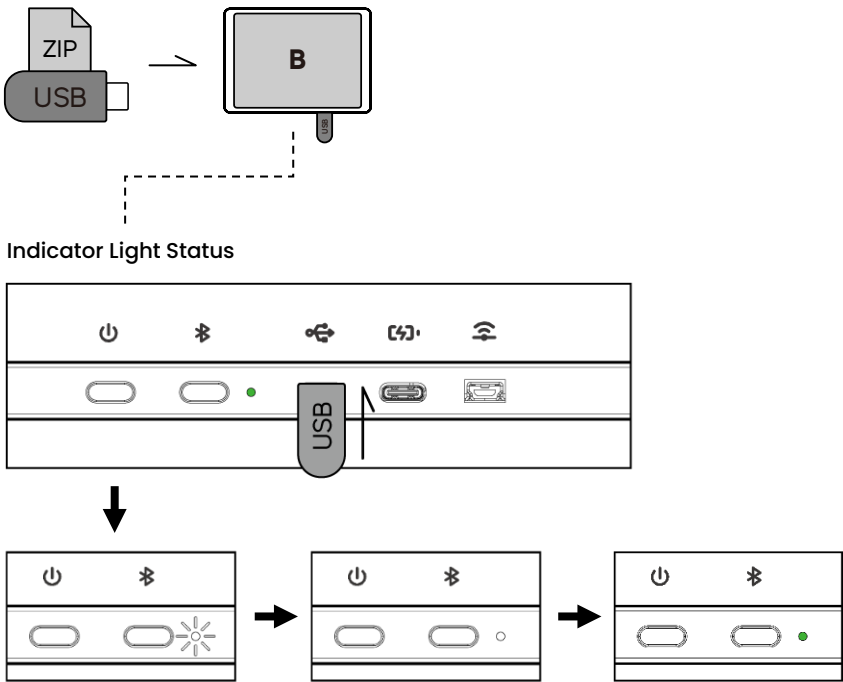
Place the ZIP file in the root directory of the USB drive.



Install Config File (via USB)

Insert the USB drive with the config file into another NAVO display.
Wait until the indicator light to **Blink White** for a few seconds,
then turns **Steady White** for **3 Seconds**.

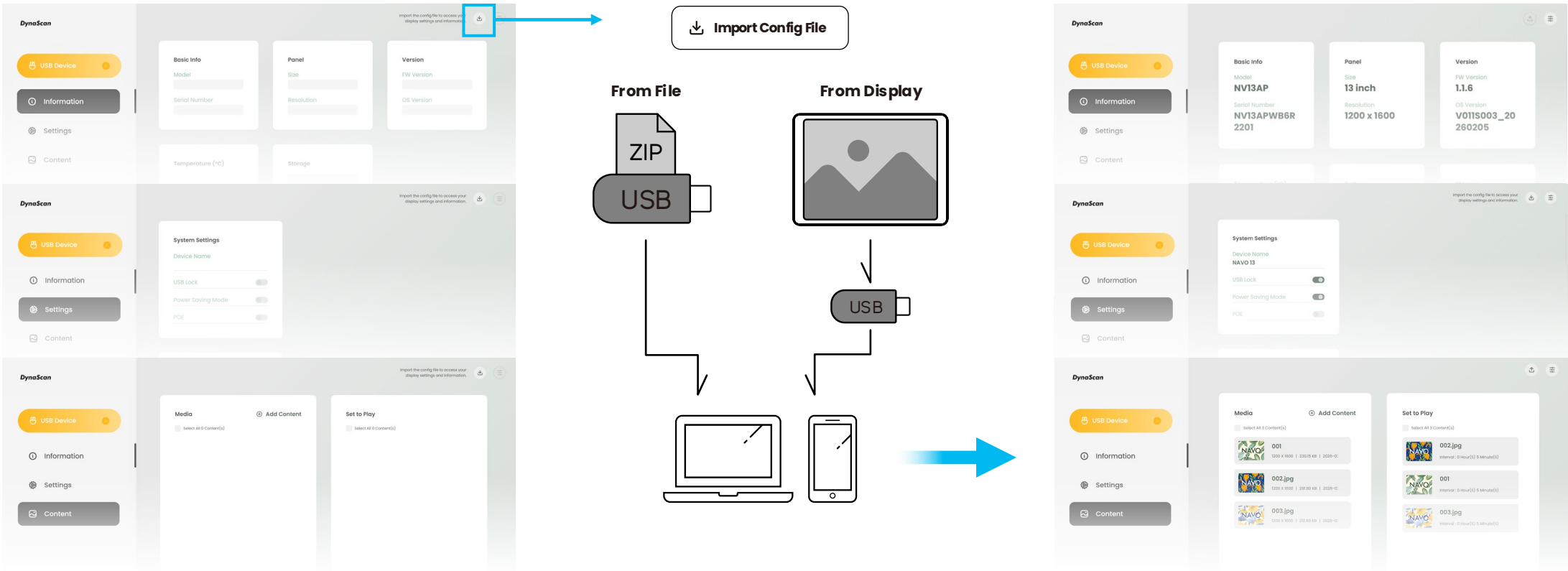
When indicator light turns **Green**, the config file transfer is complete.



Note: The config file password must match the NAVO display password.

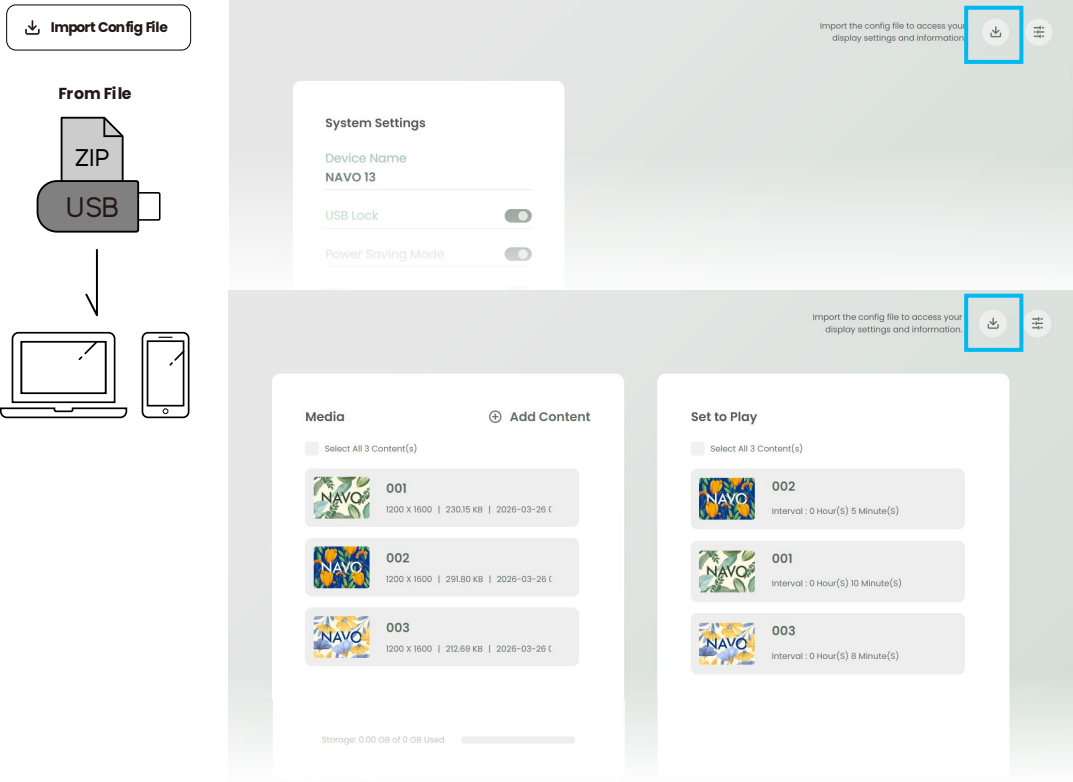
IMPORT CONFIG FILE

Import an existing config file from USB to apply settings to the control device.

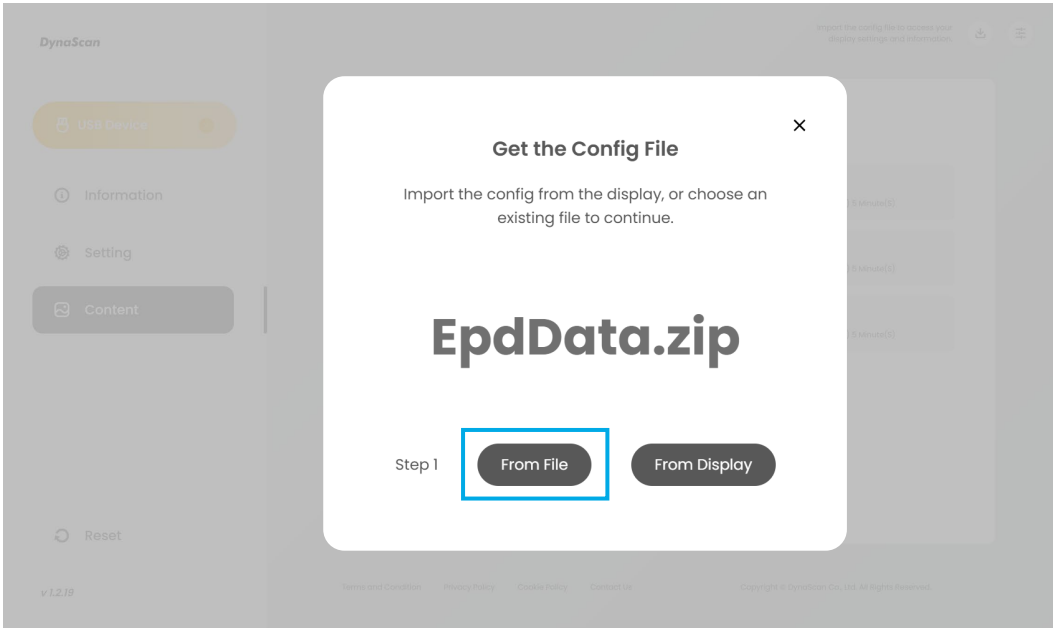


IMPORT CONFIG FILE (From File)

1. Click “ Import Config File” to import the config file.



2. Click “From File” to continue.



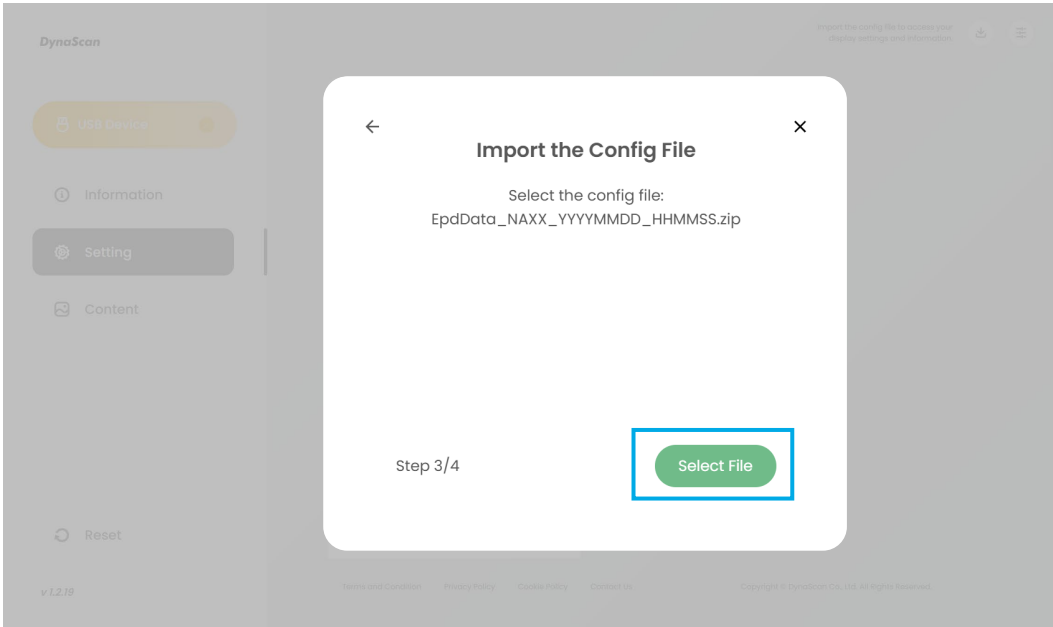
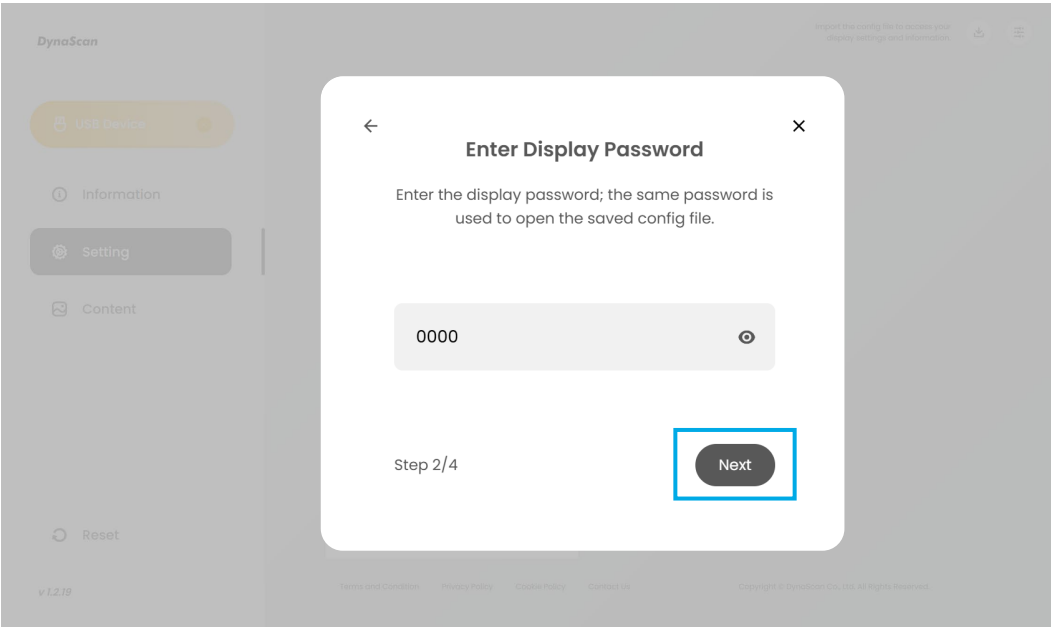
CONFIGURE via USB

3. Enter the target **NAVO Display Password**, and click “**Next**”.

For first-time use NAVO display, the Default Password is 0000.

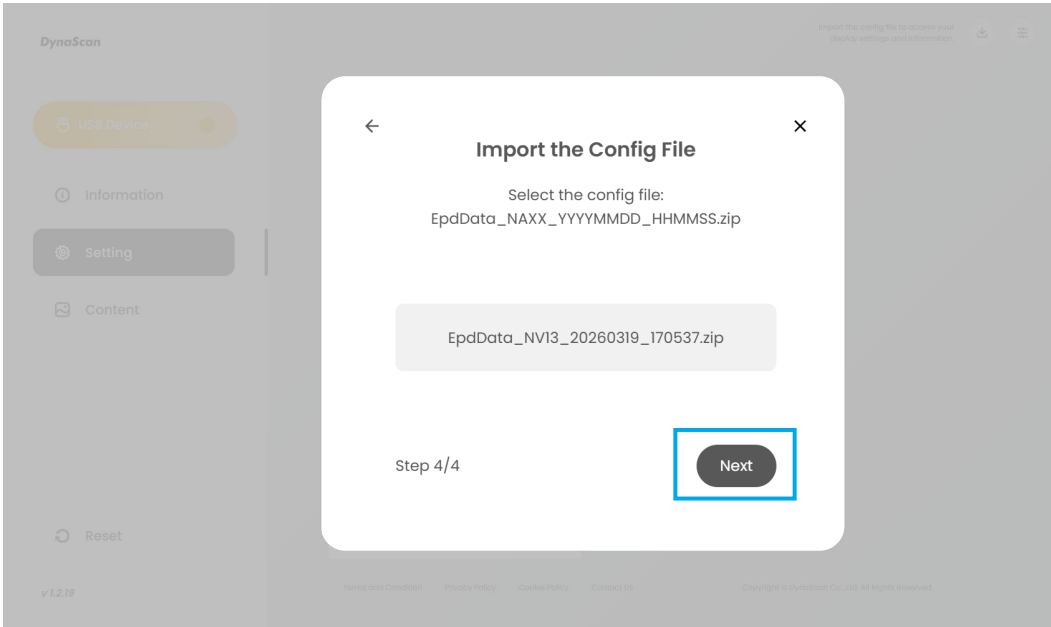
4. Insert the USB drive into the control device,
then click “**Select File**” to choose the config file from the USB drive.

Config File: EpdData_NVXX_YYYYMMDD_HHMMSS.zip

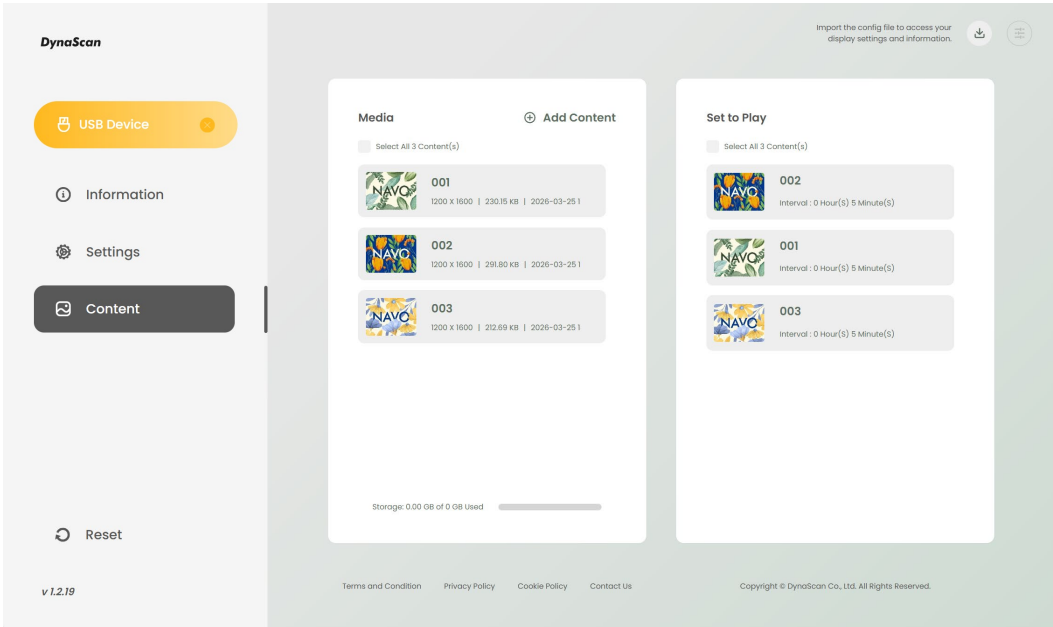


CONFIGURE via USB

5. Click "Next" to import the existing config file.

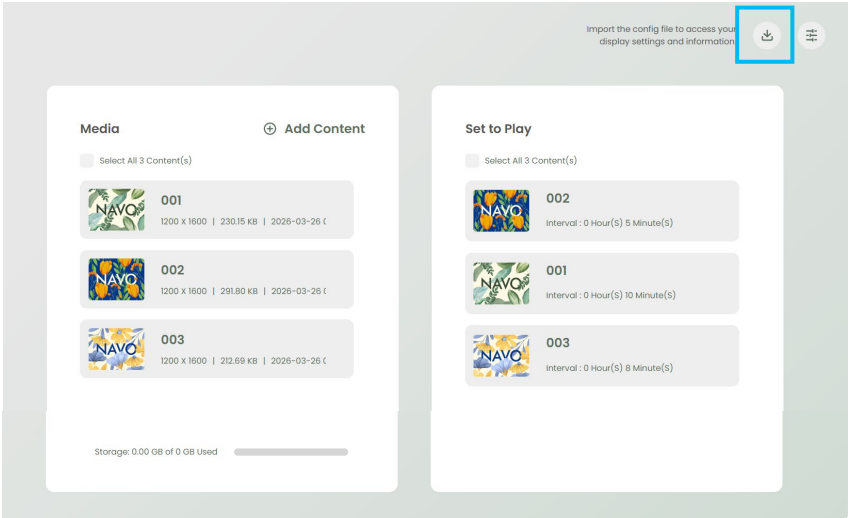
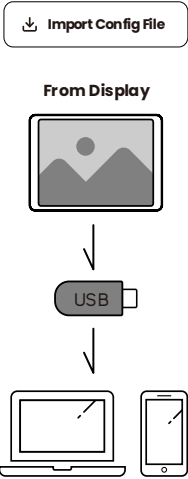


6. After import, the contents of the config file can be viewed.

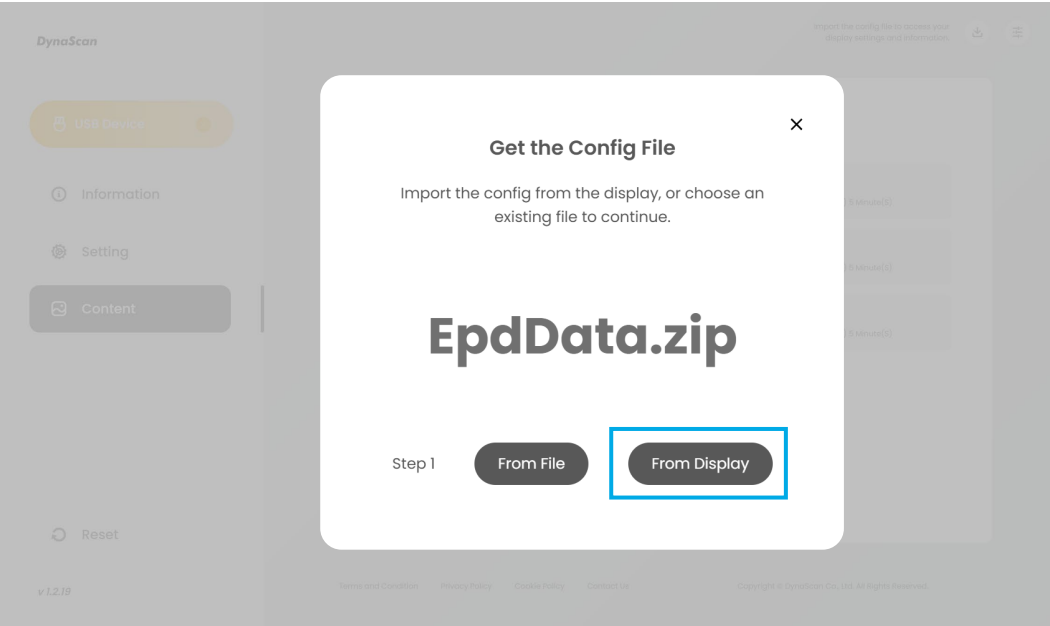


IMPORT CONFIG FILE (From Display)

1. Click “ Import Config File” to import the config file.



2. Click “From Display” to continue.



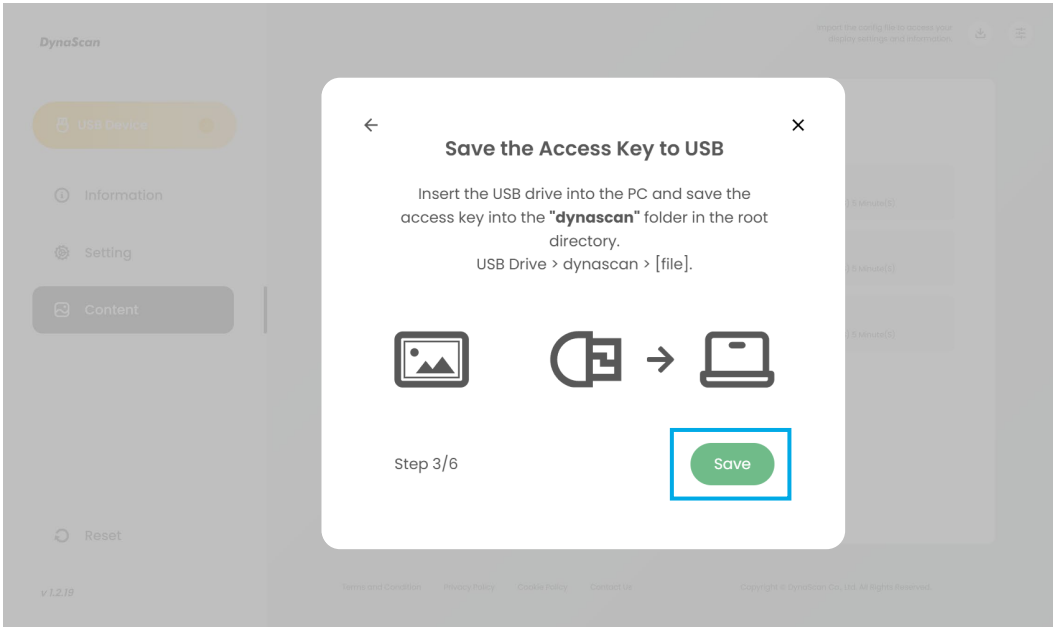
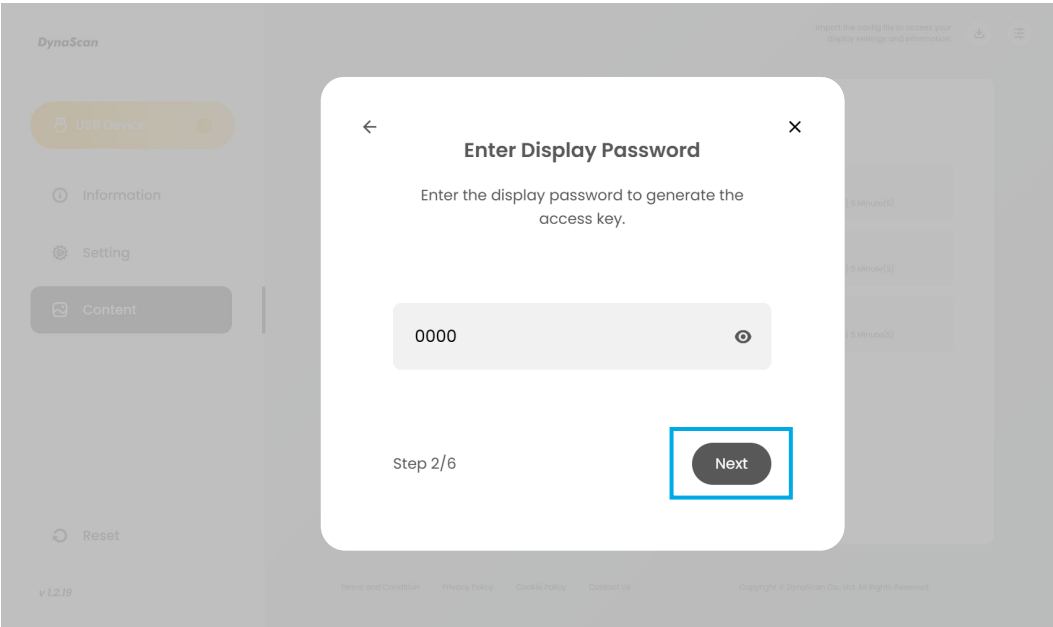
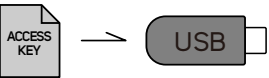
CONFIGURE via USB

3. Enter the target **NAVO Display Password**, and click “Next”.

For first-time use NAVO display, the Default Password is 0000.

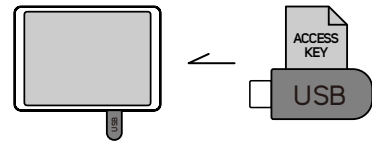
4. Click “Save” to save the access key into the USB drive.

X:\EpdData_NVXX_YYYYMMDD_HHMMSS.zip

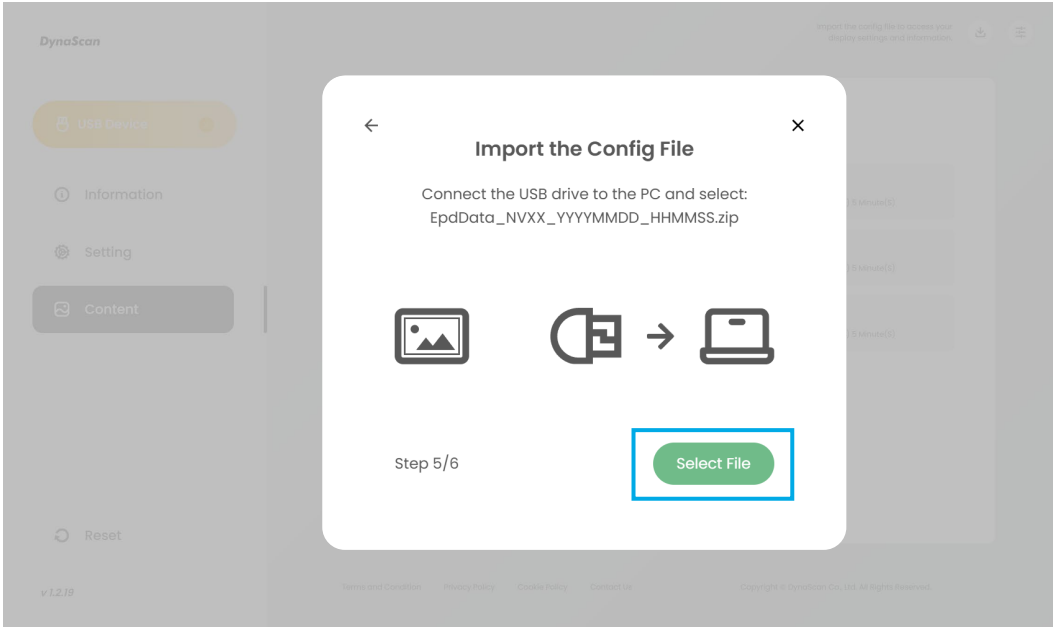
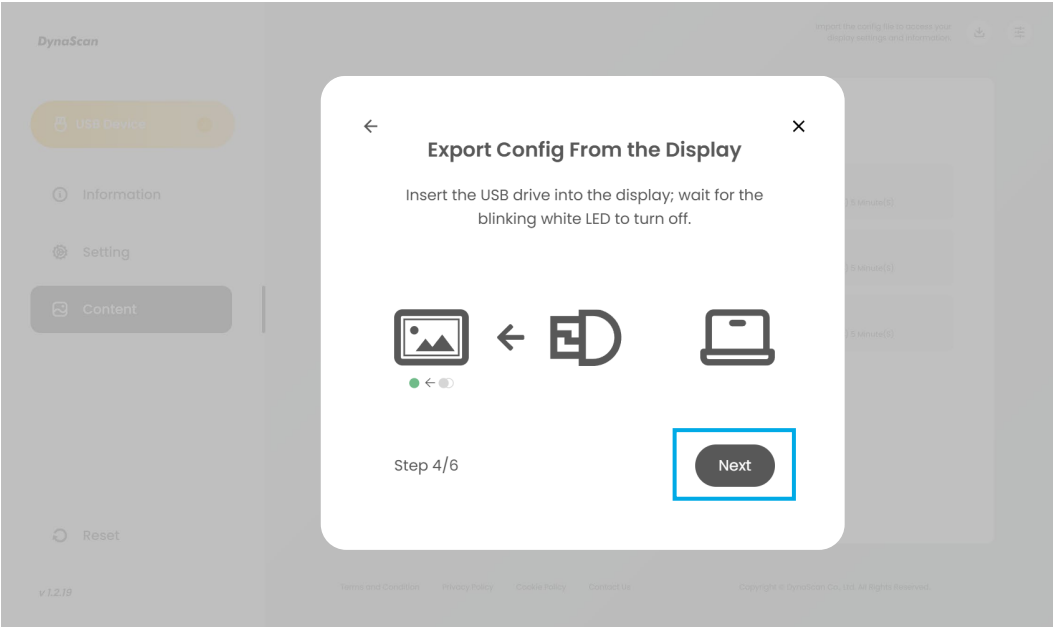
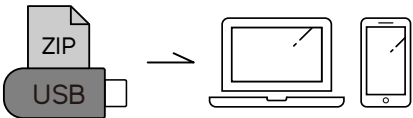


CONFIGURE via USB

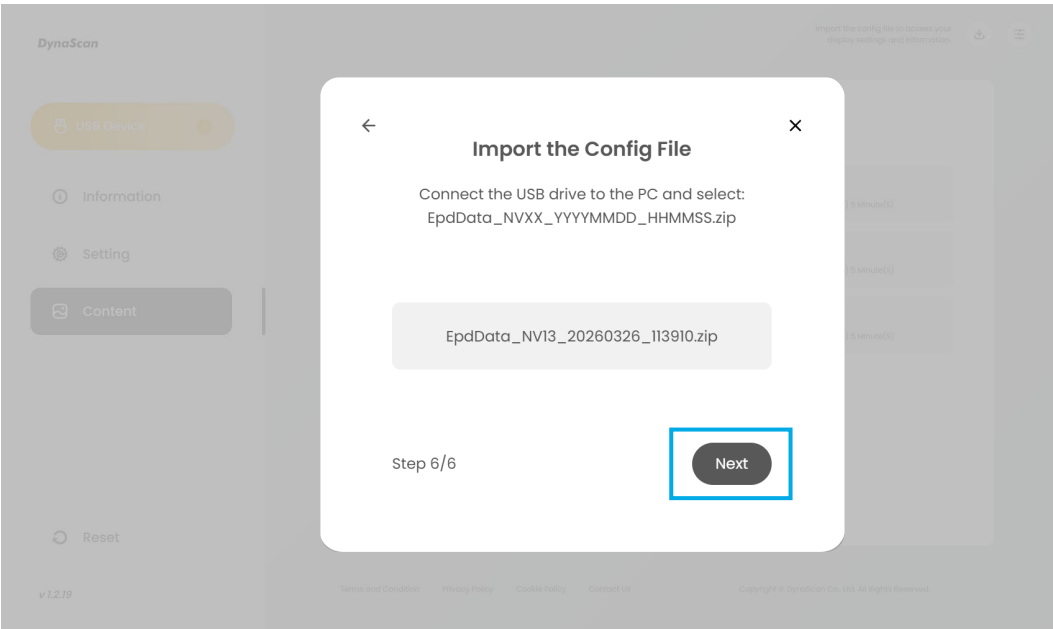
5. Insert the USB drive into the target NAVO display.
Wait for the indicator light to **Blink White** for a few seconds.
When indicator light turns **Green**, the config file loading is complete.



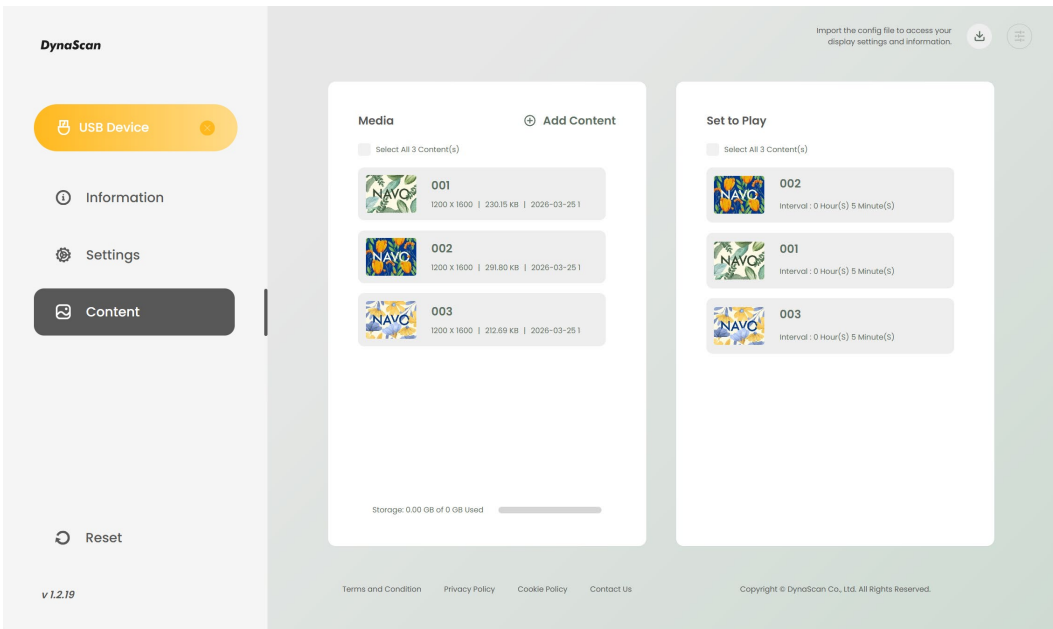
6. Insert the USB drive into the control device,
then click “**Select File**” to choose the config file.



7. Click “Next” to import the config file.



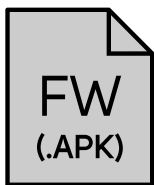
8. After import, the contents of the config file can be viewed.



UPDATE

FILE FORMAT

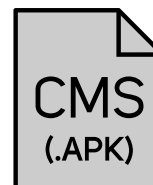
Introduction



Firmware File

Used for firmware updates.

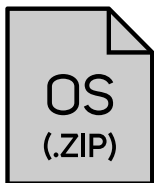
Firmware file: [EPDService_S1_VXXXXX_YYYYMMDD.apk](#)



CMS File

Used to install or update a third-party CMS application.

CMS file format: [.apk](#)



Operating System File

Used for system installation or recovery.

OS file: [V011S003_NVXX_YYYYMMDD_update.zip](#)

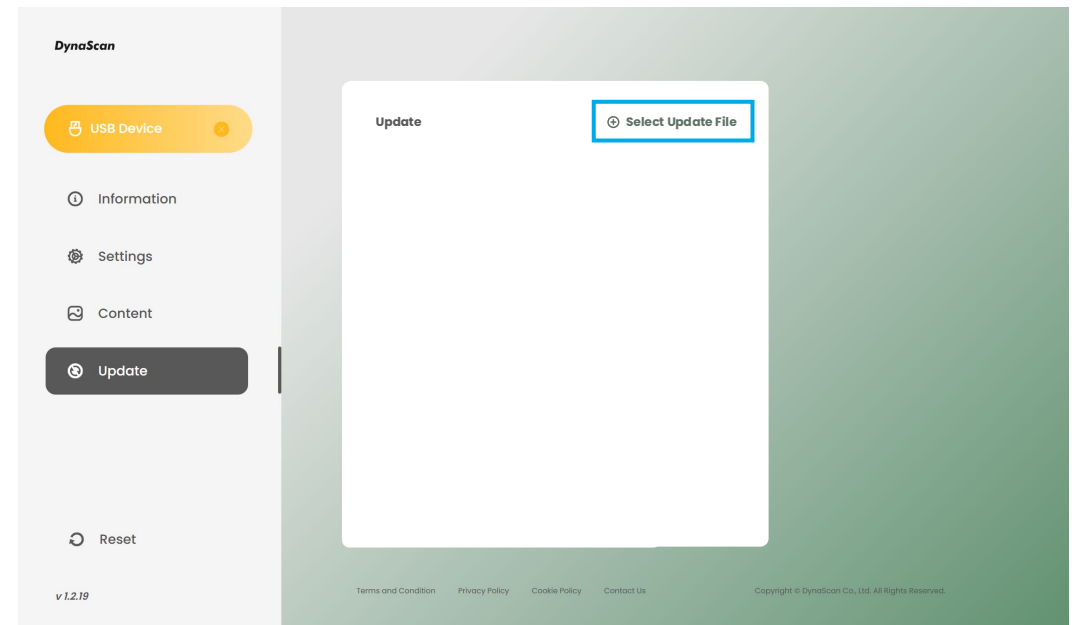
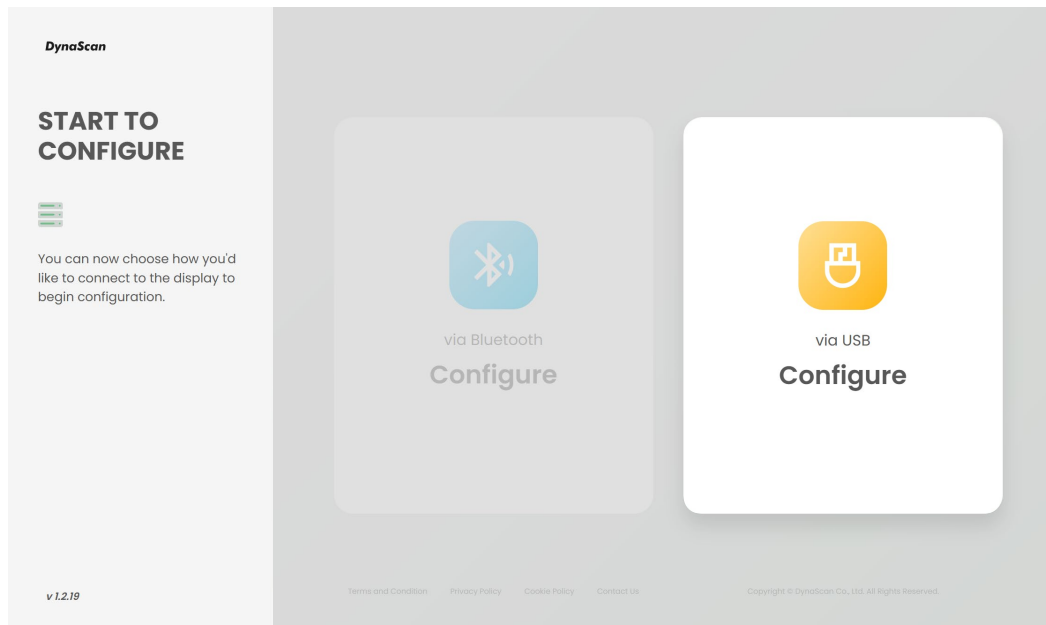
UPDATE FILE

1. Use a browser to open the ePaper Web Tool page, and click “**Configure via USB**”.

Web: <https://displaylink.dynascan.com/epd>

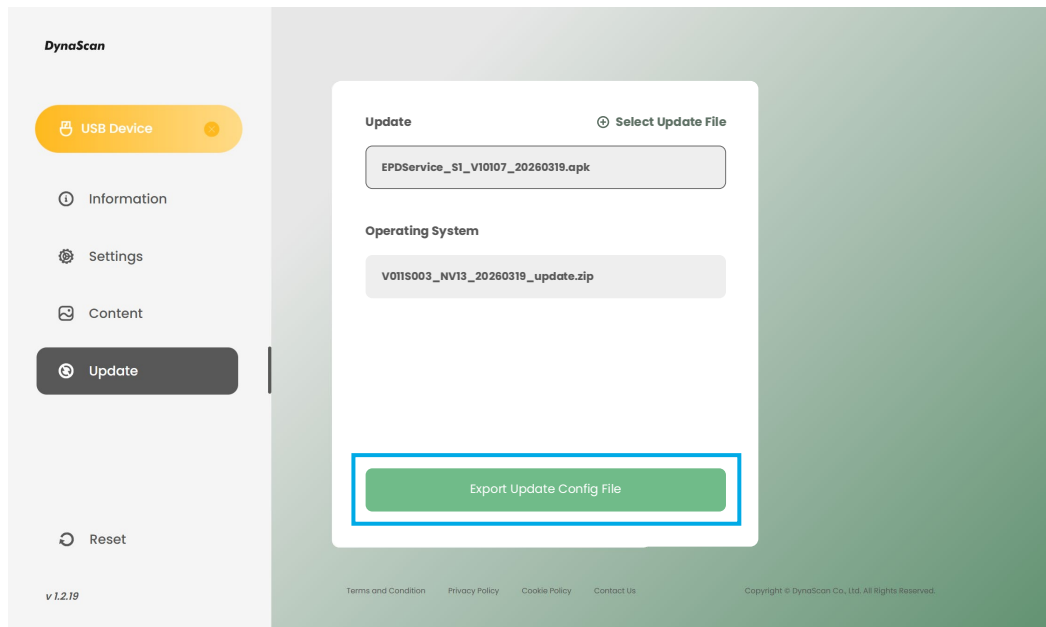
Refer to “Configure via USB” on [pages 36–37](#) to enter the configuration page.

2. Enter the configuration page, then go to the “**Update**” page. Click “**+ Select Update File**” to choose the installation file.



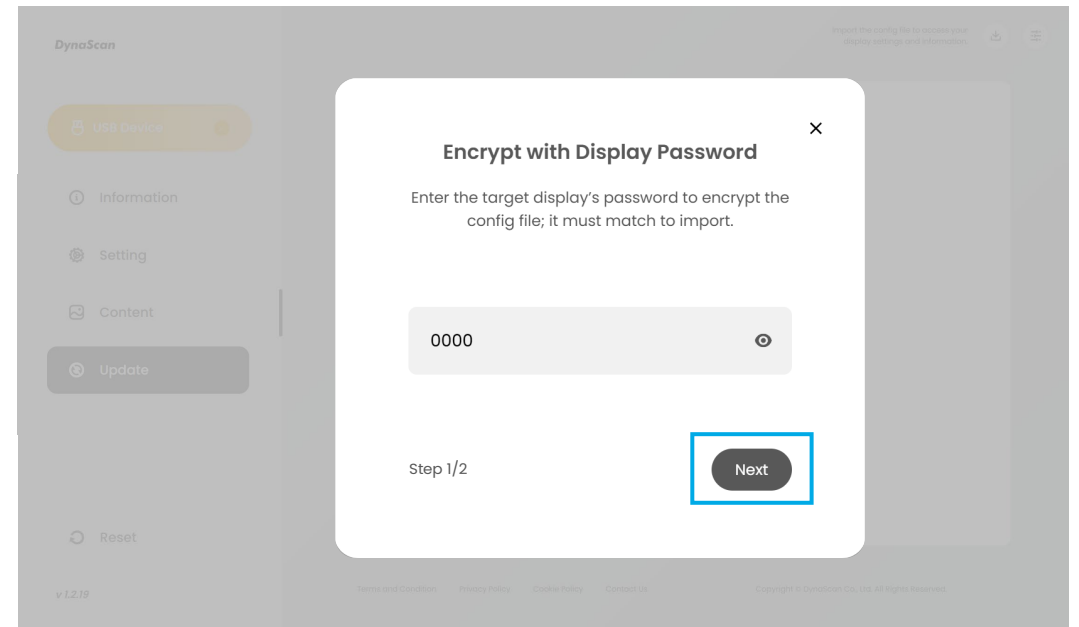
UPDATE

- After selecting the update file,
then click **“Export Update Config File”** to continue.



- Enter the target Display Password, and click **“Next”**.

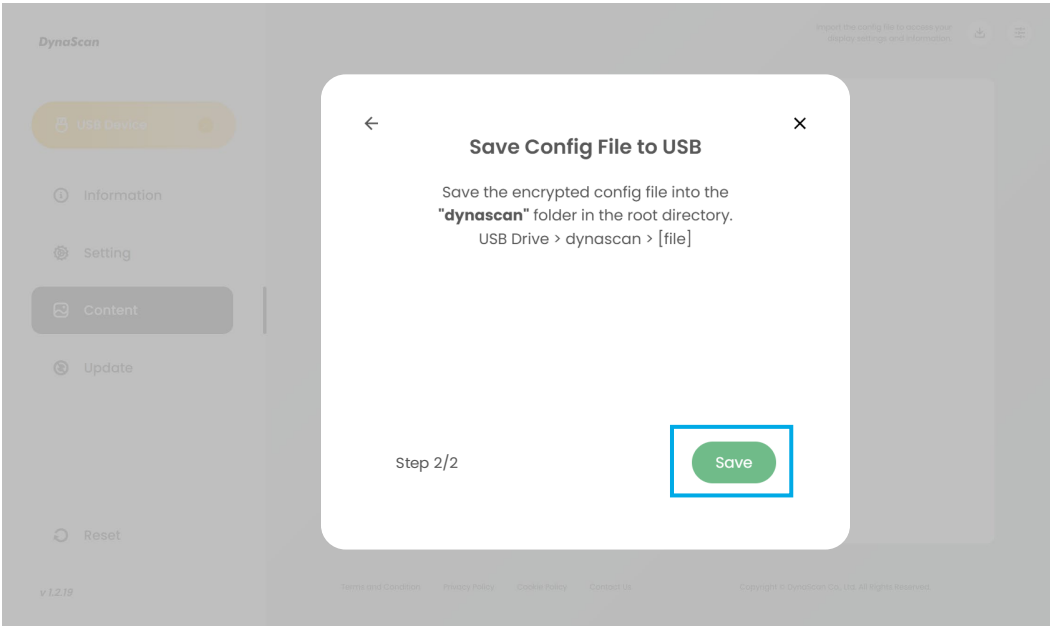
For first-time use NAVO display, the Default Password is 0000.



UPDATE

5. Insert the USB drive into the control device, then click “**Save**” to export “**Firmware Config File**” to the USB drive.

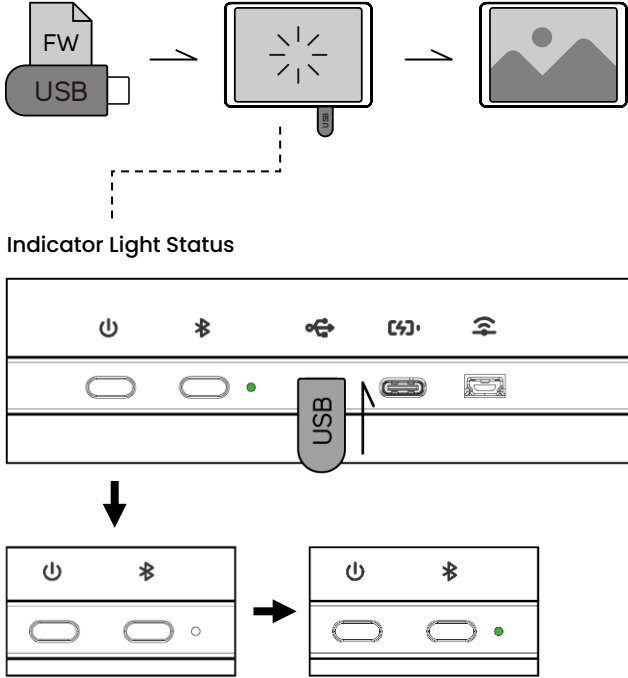
Place the APK file in the root directory of the USB drive.



6. Insert the USB drive into the target NAVO Display to start the update.

Wait until the indicator light turns **Steady White** for a few minutes, then turns **Steady Green**, the firmware update is complete.

After the firmware update, the NAVO display will reboot automatically.



Note:
Firmware Update Time: approximately 10 seconds
OS Update Time: approximately 2 minutes

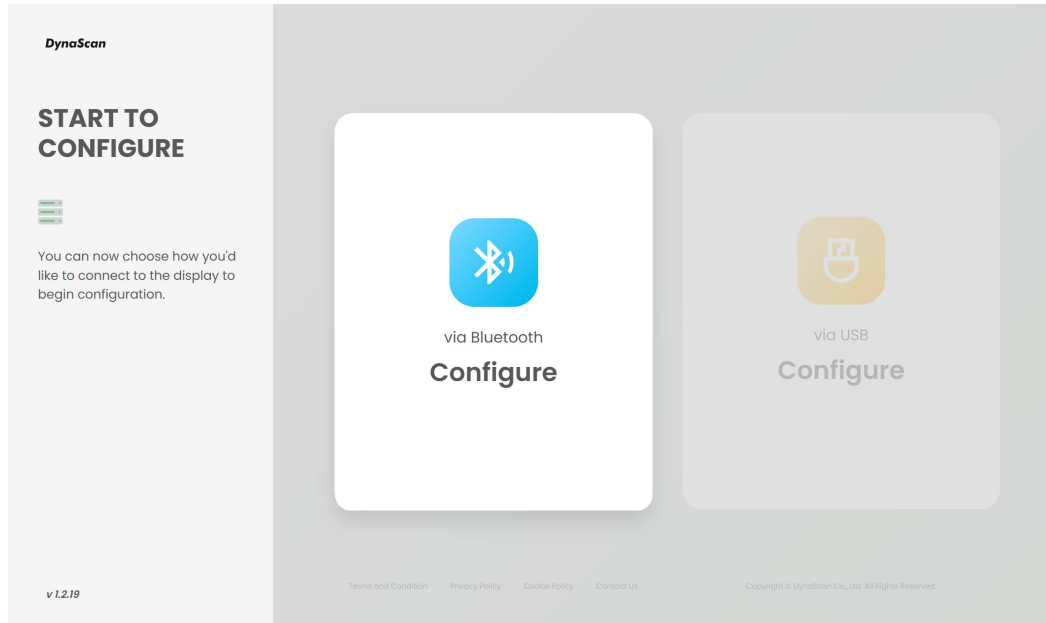
RESET

RESET via BLUETOOTH

1. Use a browser to open the ePaper Web Tool page, and click “[Configure via Bluetooth](#)”.

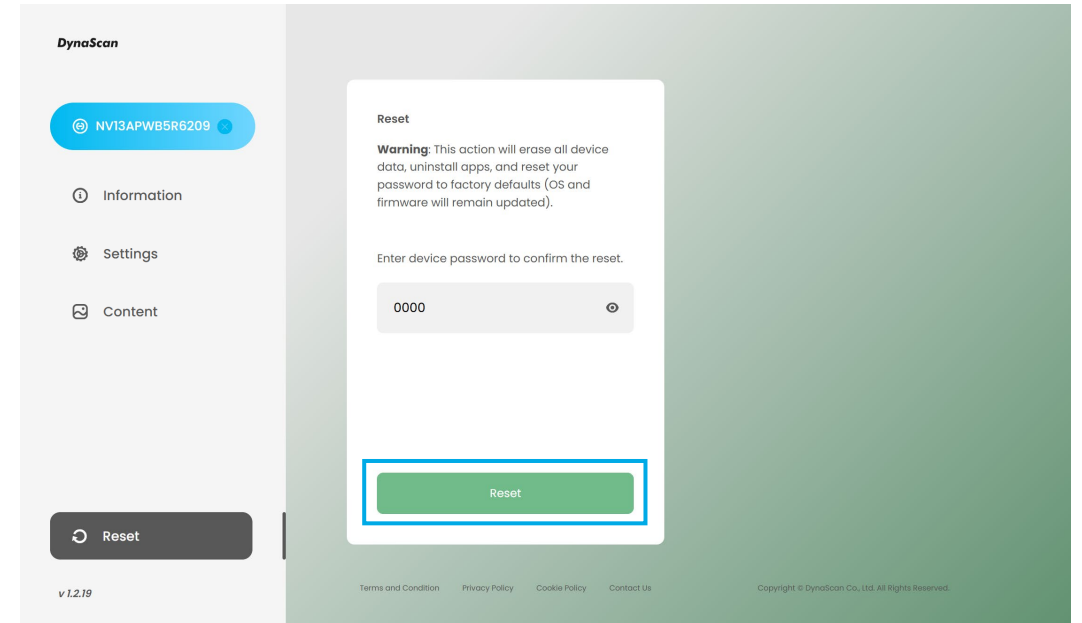
Web: <https://displaylink.dynascan.com/epd>

Refer to “Configure via Bluetooth” on [pages 25–27](#) for Bluetooth connection.

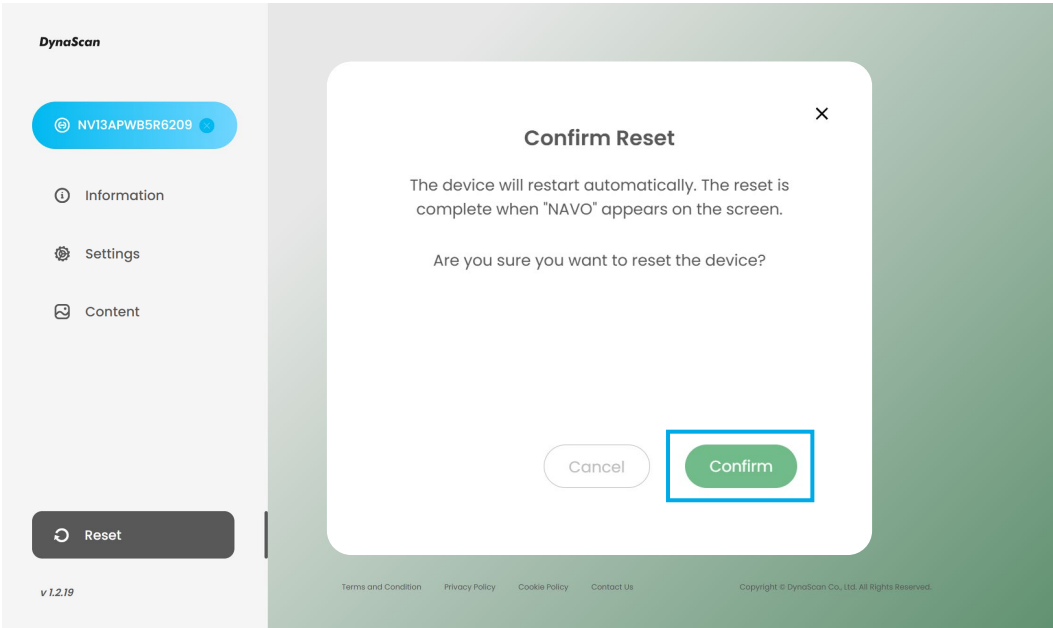


2. Enter the configuration page, then go to the “[Reset](#)” page. Insert the target NAVO Display Password, and click “[Reset](#)”.

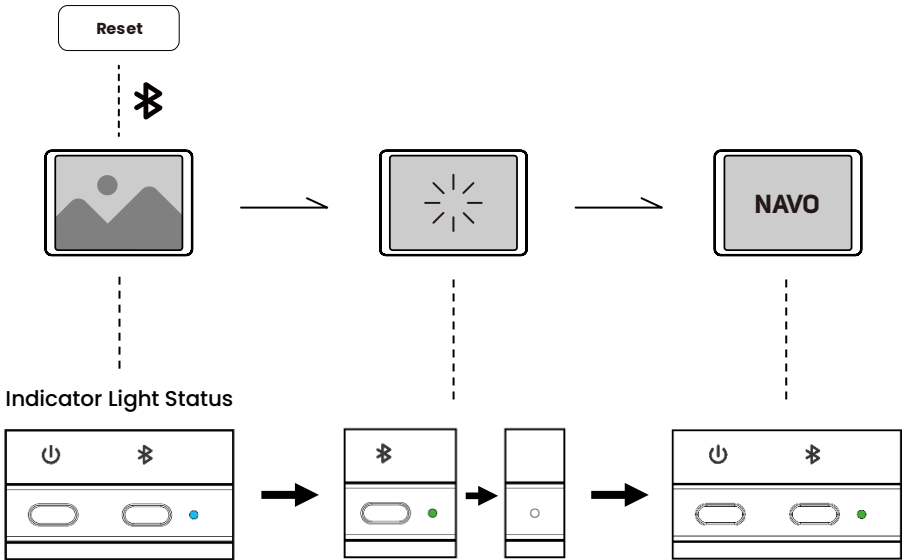
For first-time use NAVO display, the Default Password is 0000.



3. After confirming the reset warning, click “Confirm”.



4. The screen will begin flashing, indicating the reset has started. Wait until the NAVO Display restarts and the indicator light turns **Steady Green**. The reset is complete when the “NAVO” appears on the screen.



Note:
Reset Time: approximately 90 seconds

RESET via USB

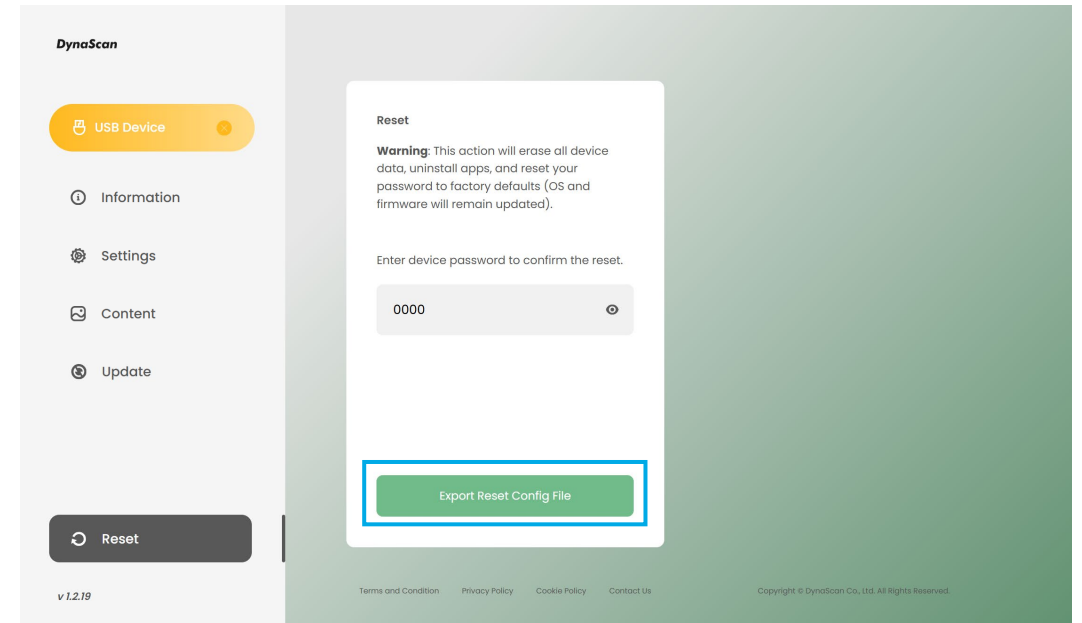
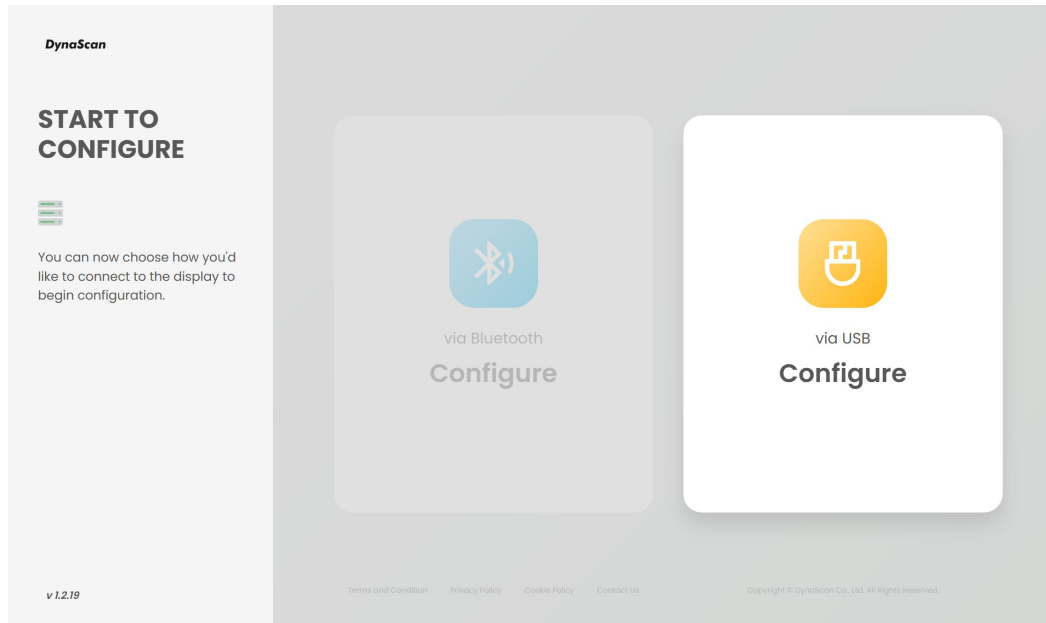
1. Use a browser to open the ePaper Web Tool page, and click “**Configure via USB**”.

Web: <https://displaylink.dynascan.com/epd>

Refer to “Configure via USB” on [pages 36–37](#) to enter the configuration page.

2. Enter the configuration page, then go to the “**Reset**” page. Insert the target NAVO Display Password, and click “**Export Reset Config File**”.

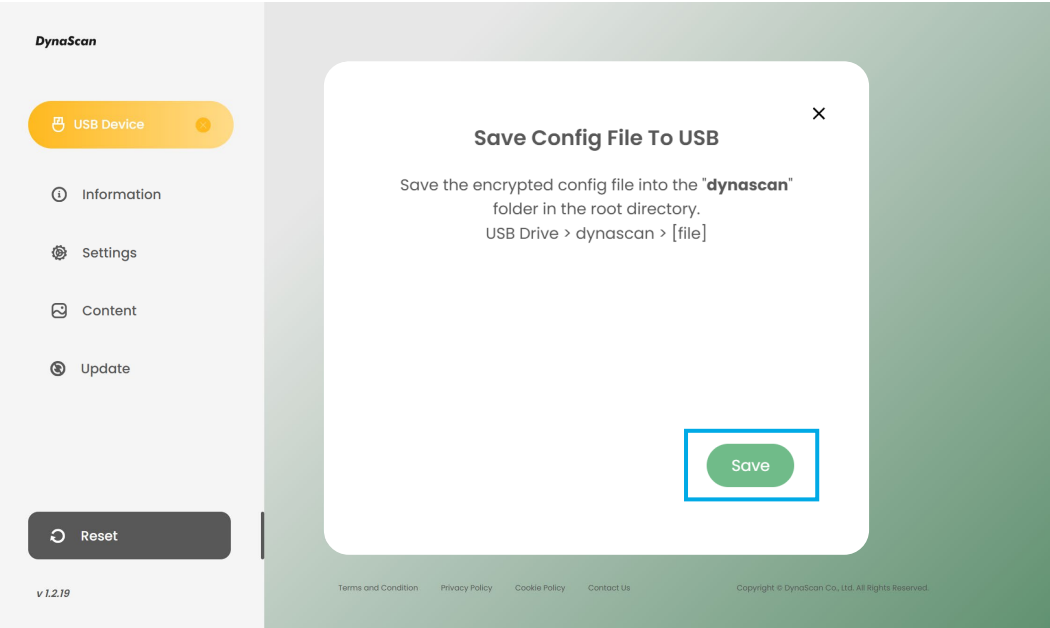
For first-time use NAVO display, the Default Password is 0000.



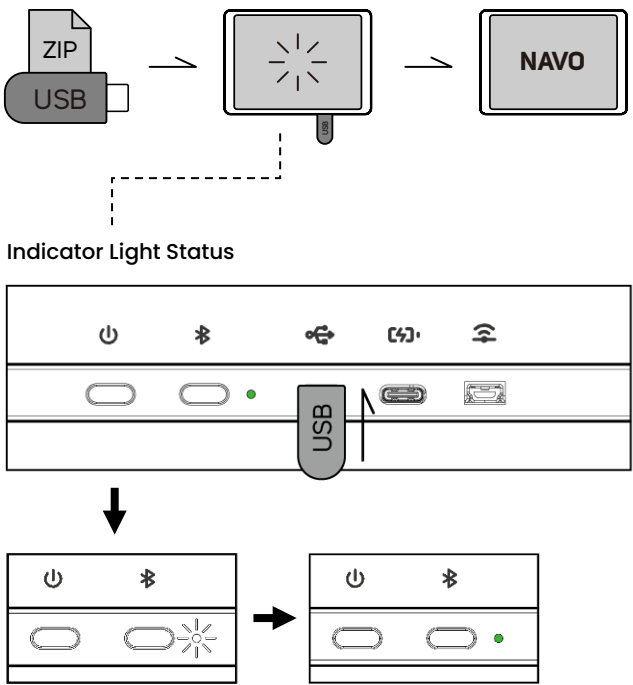
RESET via USB

3. Insert the USB drive into the control device,
then click “**Save**” to export “**Reset Config File**” to the USB drive.

Place the ZIP file in the root directory of the USB drive.



4. Insert the USB drive into the target NAVO Display.
The indicator light will **Blink White** indicating that the reset has started.
Wait until the NAVO Display restarts and the indicator light turns **Steady Green**.
The reset is complete.



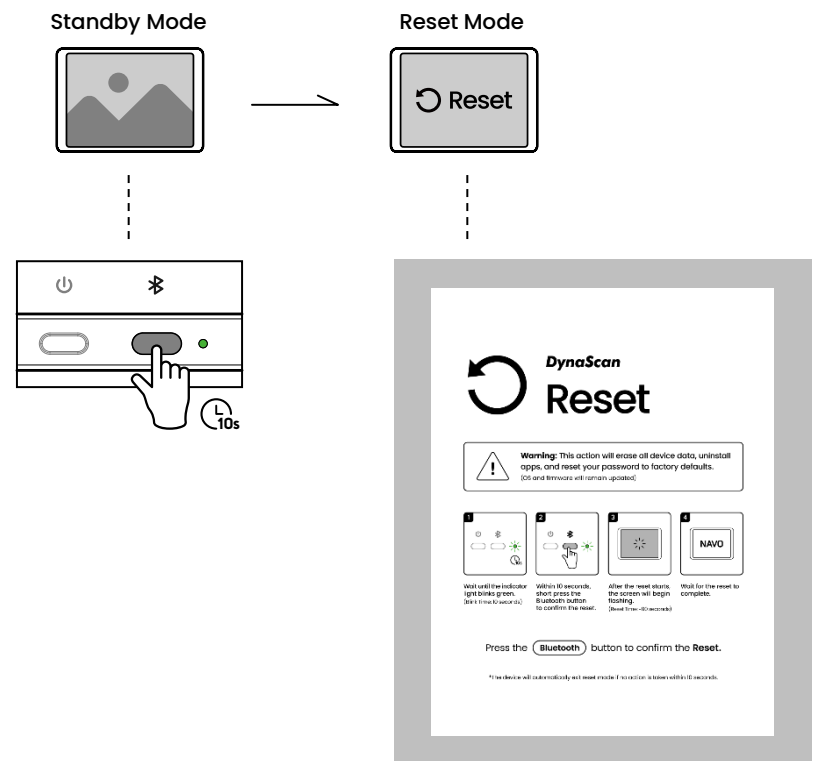
Note:
Reset Time: approximately 90 seconds

RESET via BUTTONS

1. While the device is in standby mode.

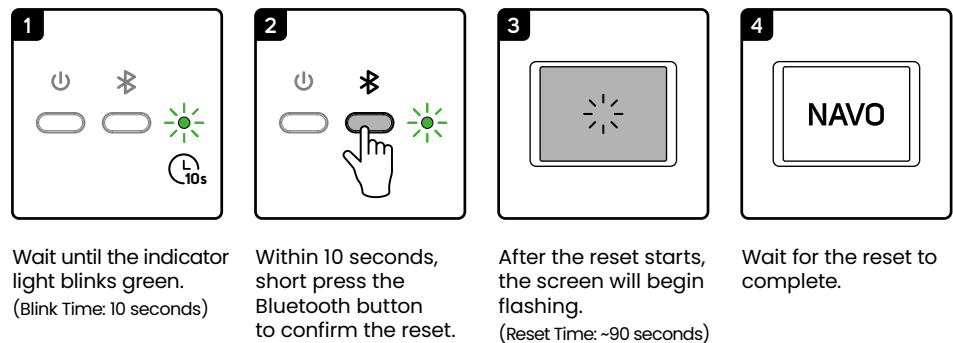
Press and hold the "Bluetooth" button for 10 seconds.

The NAVO display will enter the Reset Mode.

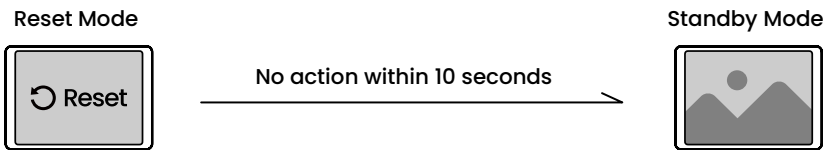


2. After entering reset mode, the indicator light **Blinks Green** for 10 seconds.

Within 10 seconds, short press the "Bluetooth" button to **confirm the reset**, the NAVO display will start the reset process.

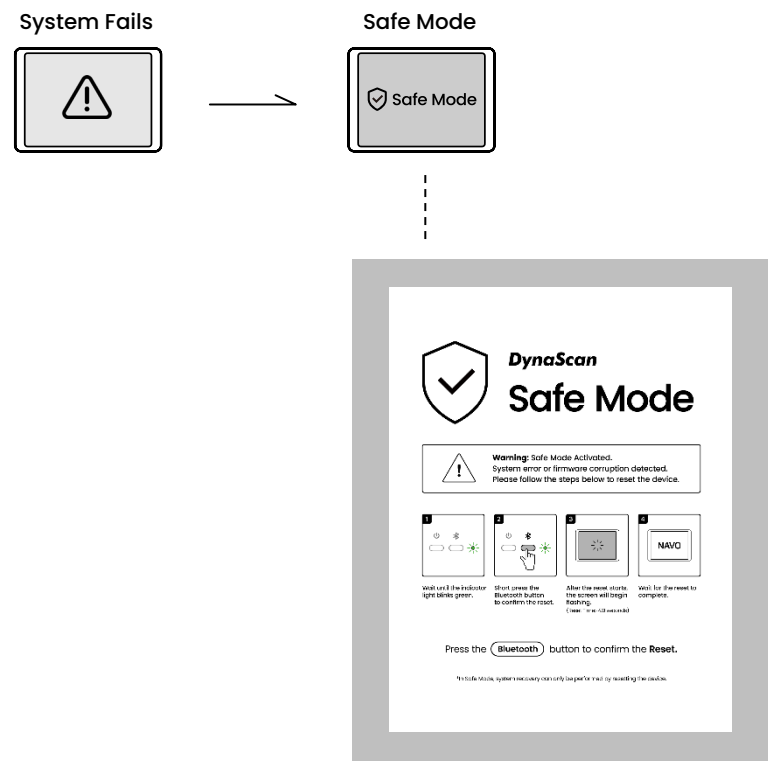


If **no action** is taken within 10 seconds, the NAVO display will **return to standby mode**.



RESET via SAFE MODE

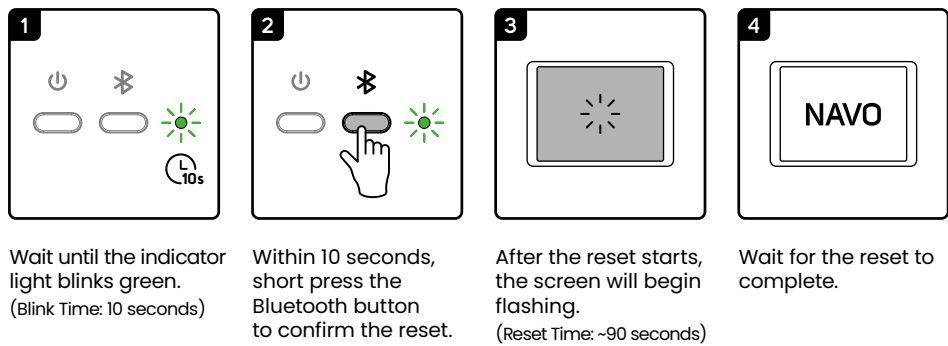
1. If the system fails or the firmware is corrupted, the NAVO display will automatically enter **Safe Mode**. Follow the on-screen instructions to complete the reset.



2. After entering safe mode, the indicator light **Blinks Green**.

Short press the "Bluetooth" button to **confirm the reset**, the NAVO display will start the reset process.

In Safe Mode, system recovery can only be performed by resetting the device.

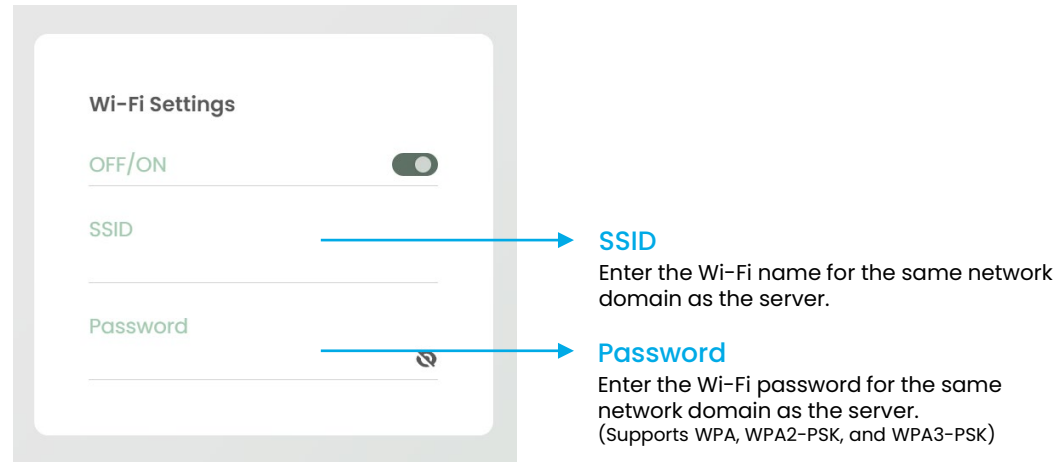


FTP

Introduction

To use the FTP function, Wi-Fi and FTP settings must be enabled simultaneously. Refer to the function overview below.

Wi-Fi Settings

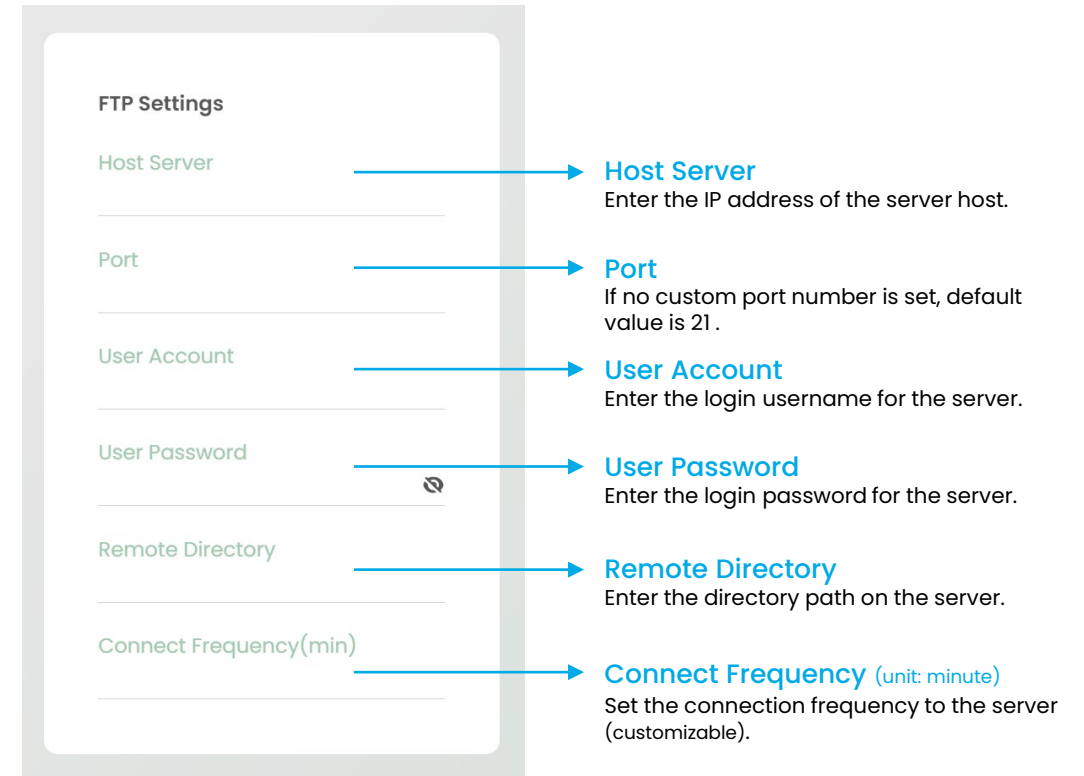


The image shows a 'Wi-Fi Settings' interface. It has a title 'Wi-Fi Settings' at the top. Below it is a toggle switch labeled 'OFF/ON'. Underneath the toggle are three input fields: 'SSID', 'Password', and a third field with an eye icon. Blue arrows point from the 'SSID' and 'Password' fields to their respective labels and descriptions on the right.

SSID
Enter the Wi-Fi name for the same network domain as the server.

Password
Enter the Wi-Fi password for the same network domain as the server. (Supports WPA, WPA2-PSK, and WPA3-PSK)

FTP Settings



The image shows an 'FTP Settings' interface. It has a title 'FTP Settings' at the top. Below it are six input fields: 'Host Server', 'Port', 'User Account', 'User Password', 'Remote Directory', and 'Connect Frequency(min)'. The 'User Password' field has an eye icon. Blue arrows point from each field to its label and description on the right.

Host Server
Enter the IP address of the server host.

Port
If no custom port number is set, default value is 21.

User Account
Enter the login username for the server.

User Password
Enter the login password for the server.

Remote Directory
Enter the directory path on the server.

Connect Frequency (unit: minute)
Set the connection frequency to the server (customizable).

FTP SETTINGS via BLUETOOTH

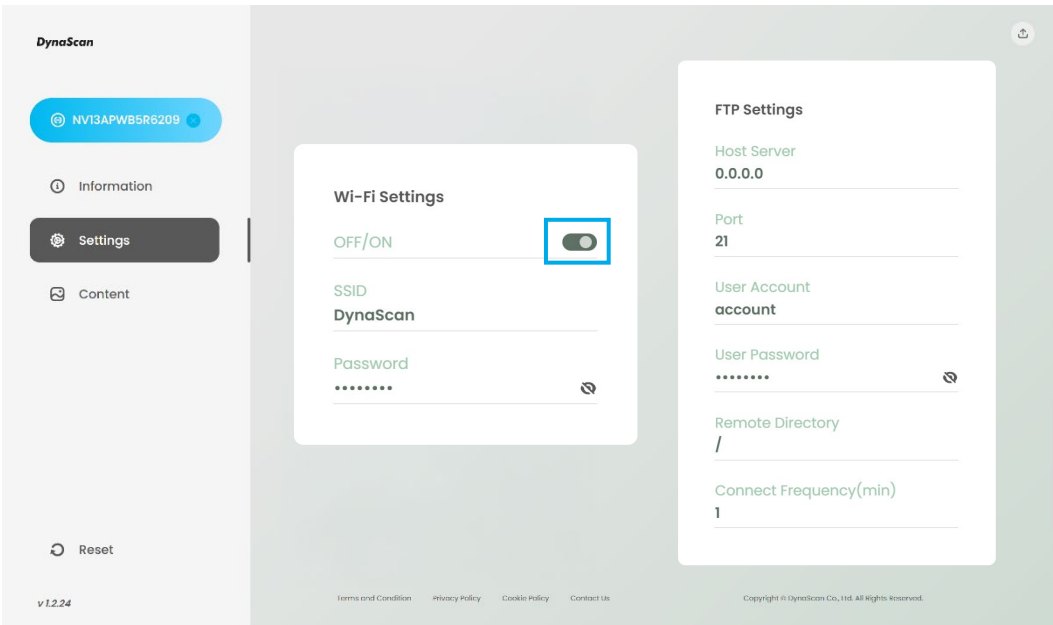
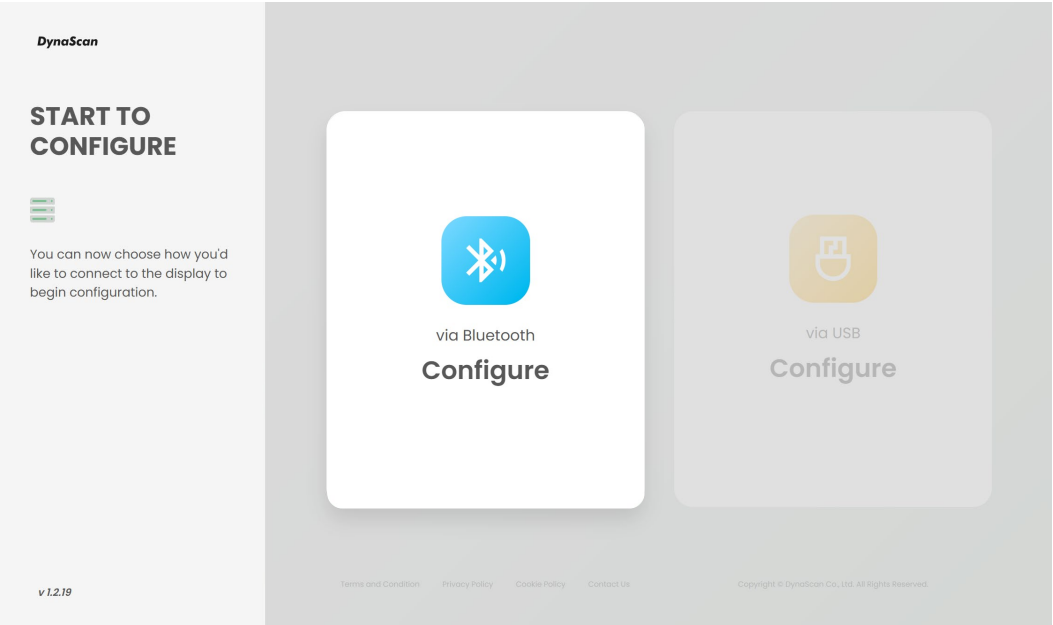
1. Use a browser to open the ePaper Web Tool page, and click “**Configure via Bluetooth**”.

Web: <https://displaylink.dynascan.com/epd>

Refer to “Configure via Bluetooth” on [pages 25–27](#) for Bluetooth connection.

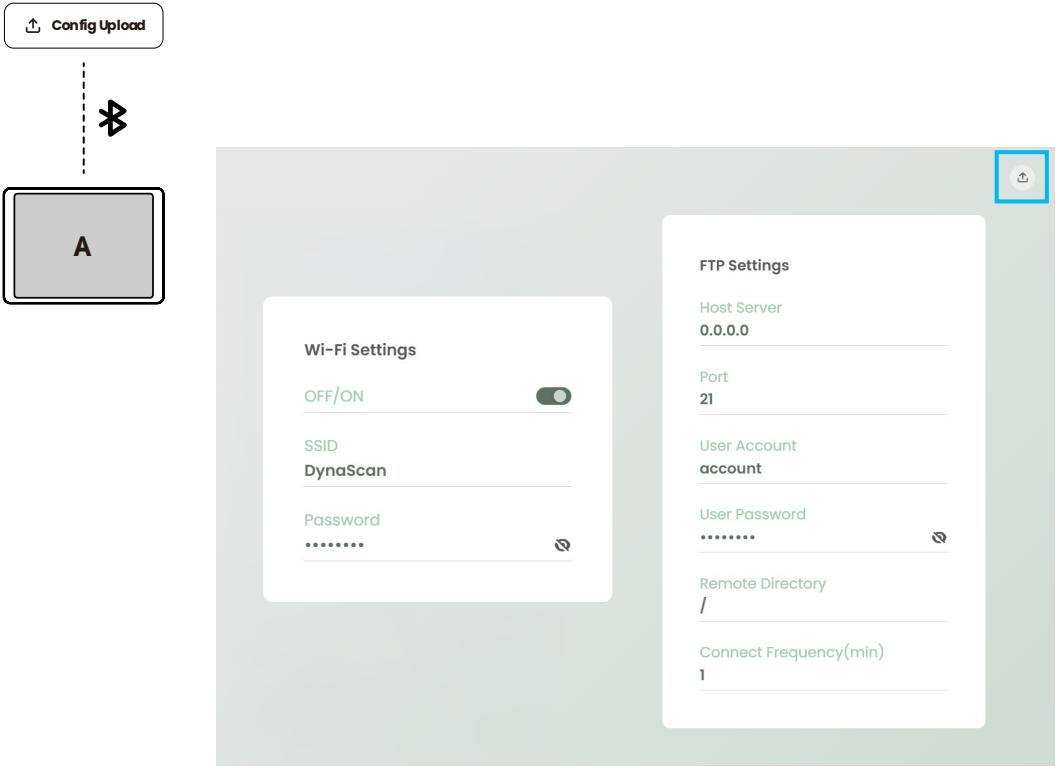
2. Go to the configuration page, then go to the “**Settings**” page. Enable the “**Wi-Fi Settings**” function, and enter the SSID and password. Enable the “**FTP Settings**”, and enter the server information.

Refer to the Wi-Fi and FTP settings on [Page 58](#).

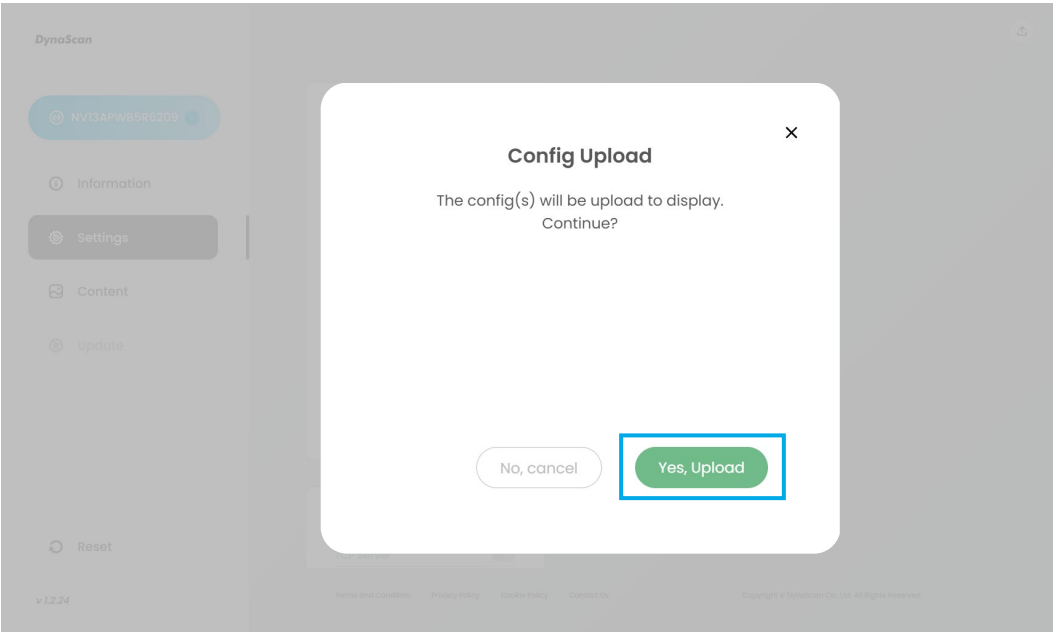


FTP SETTINGS via BLUETOOTH

3. Click “  Config(s) Upload” to continue.



4. Click “Yes, Upload” to complete the FTP settings update.

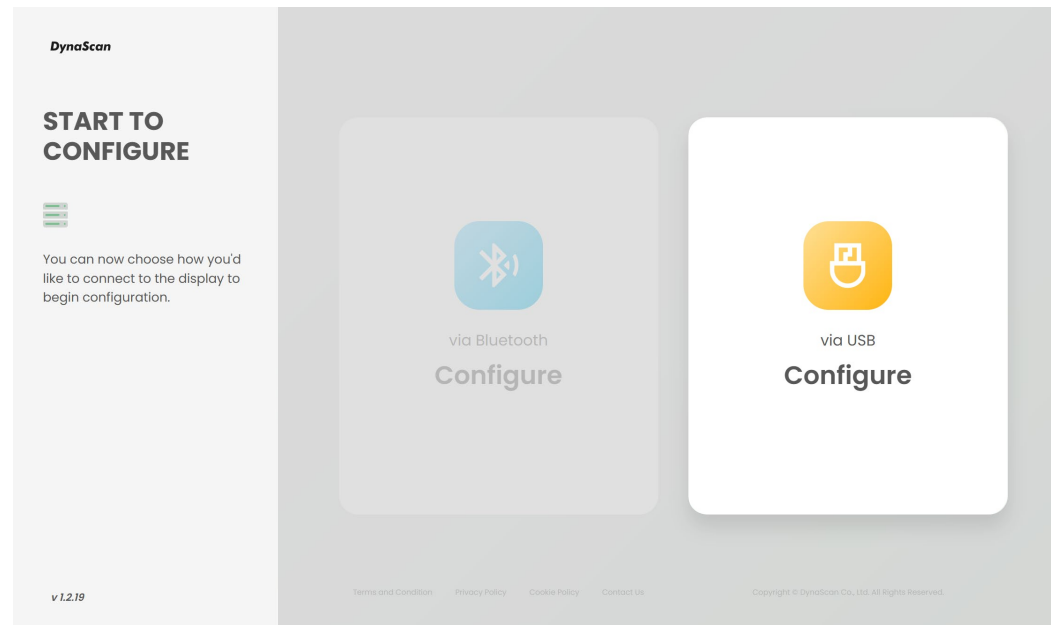


FTP SETTINGS via USB

1. Use a browser to open the ePaper Web Tool page, and click “**Configure via USB**”.

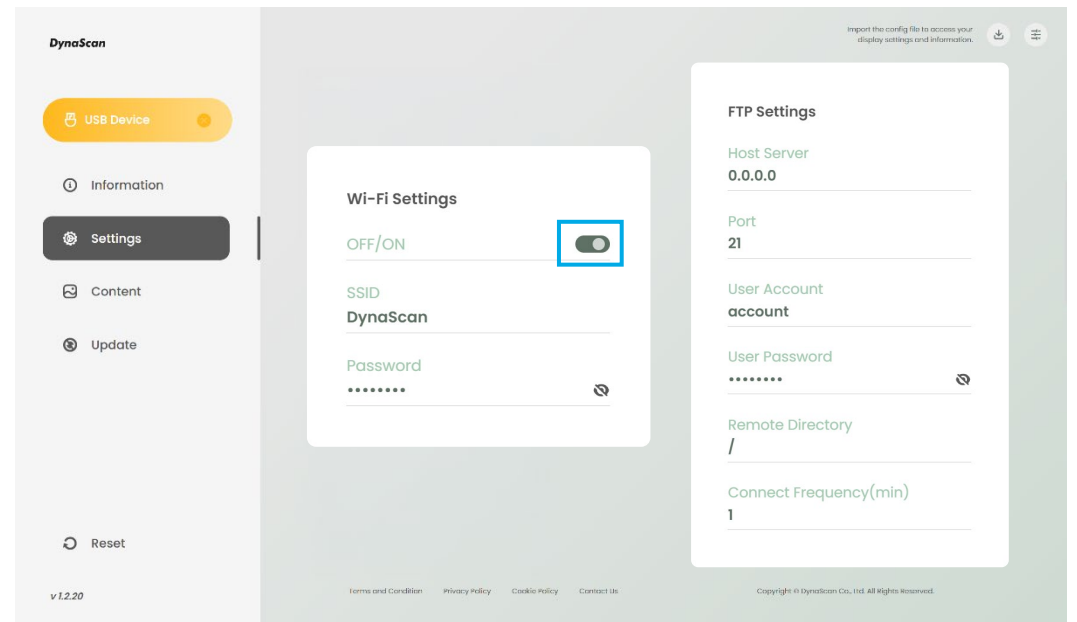
Web: <https://displaylink.dynascan.com/epd>

Refer to “Configure via USB” on [pages 36–37](#) to enter the configuration page.



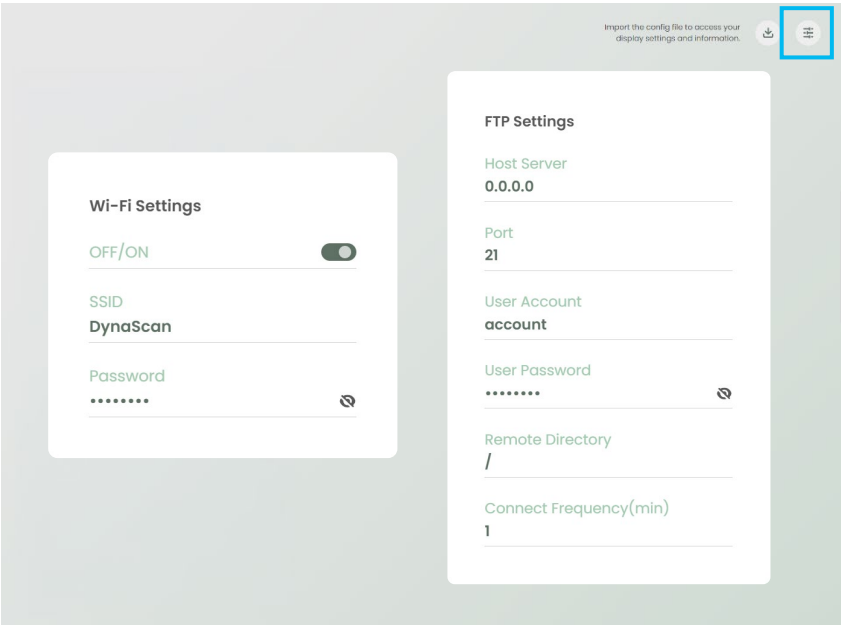
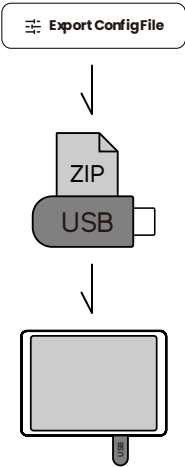
2. Go to the configuration page, then go to the “**Settings**” page. Enable the “**Wi-Fi Settings**” function, and enter the SSID and password. Enable the “**FTP Settings**”, and enter the server information.

Refer to the Wi-Fi and FTP settings on [Page 58](#).



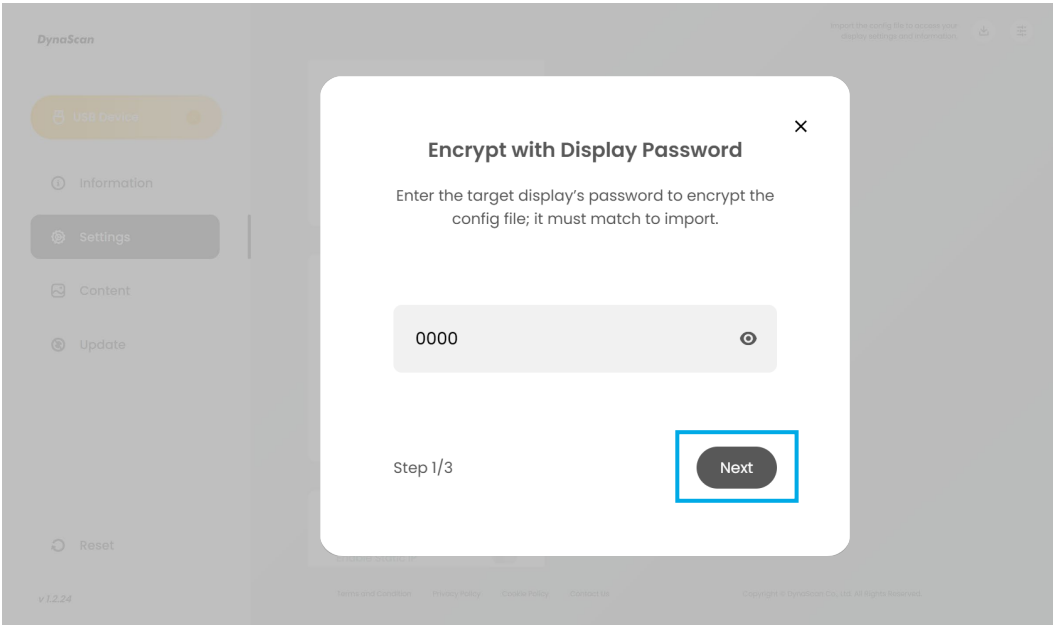
FTP SETTINGS via USB

3. Click “ Export Config File” to export the configured settings.



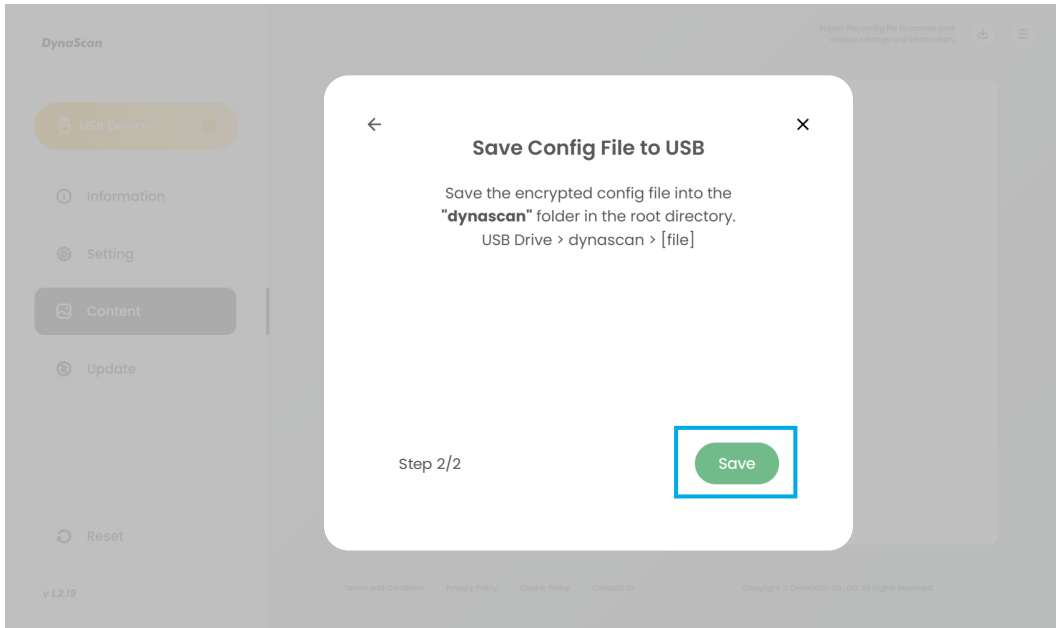
4. Enter the target **NAVO Display Password**, and click “Next”.

For first-time use NAVO display, the Default Password is 0000.



5. Insert the USB drive into the control device,
then click “**Save**” to export current “**Config File**” to the USB drive.

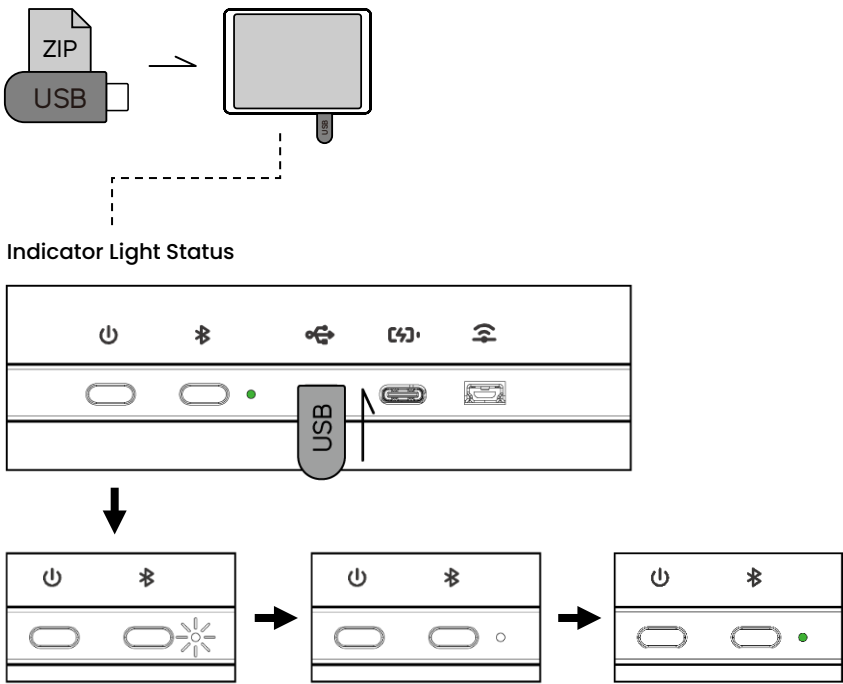
Place the ZIP file in the root directory of the USB drive.



6. Insert the USB drive into the target NAVO display.

Wait until the indicator light to **Blink White** for a few seconds,
then turns **Steady White** for **3 Seconds**.

When indicator light turns **Steady Green**, the config file transfer is complete.



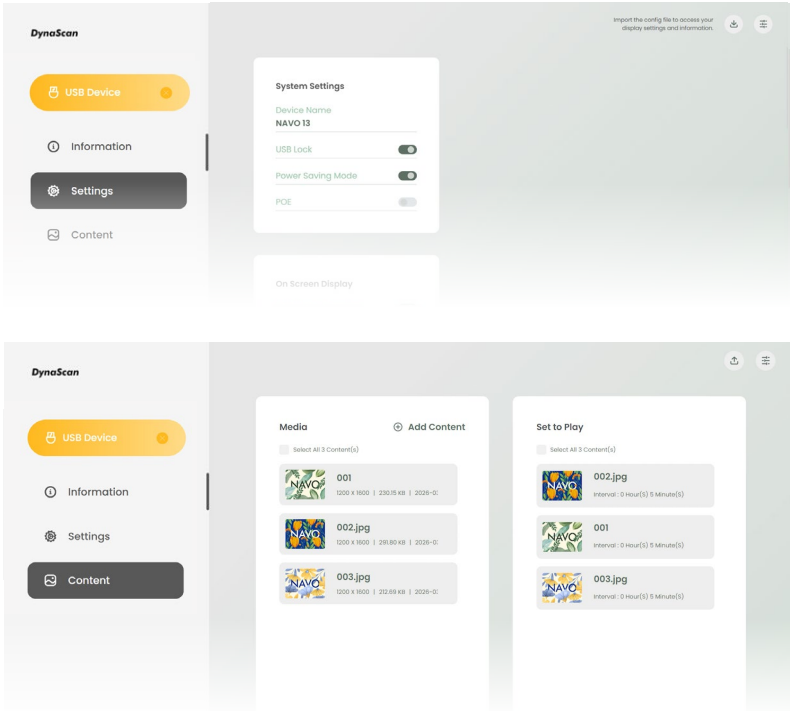
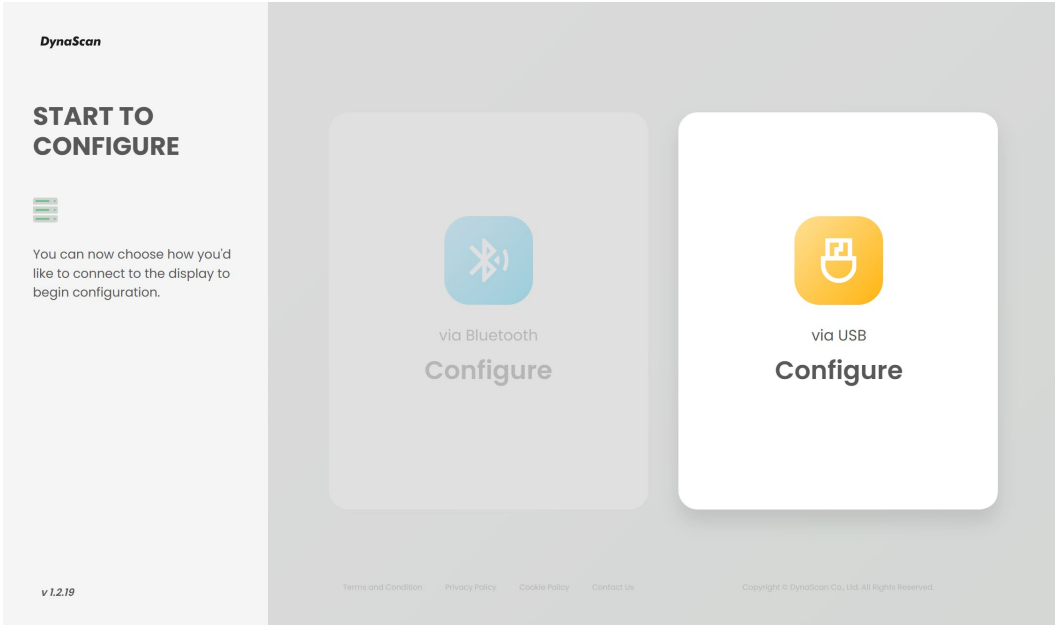
CONFIGURE via FTP

1. Use a browser to open the ePaper Web Tool page, and click “Configure via USB”.

Web: <https://displaylink.dynascan.com/epd>

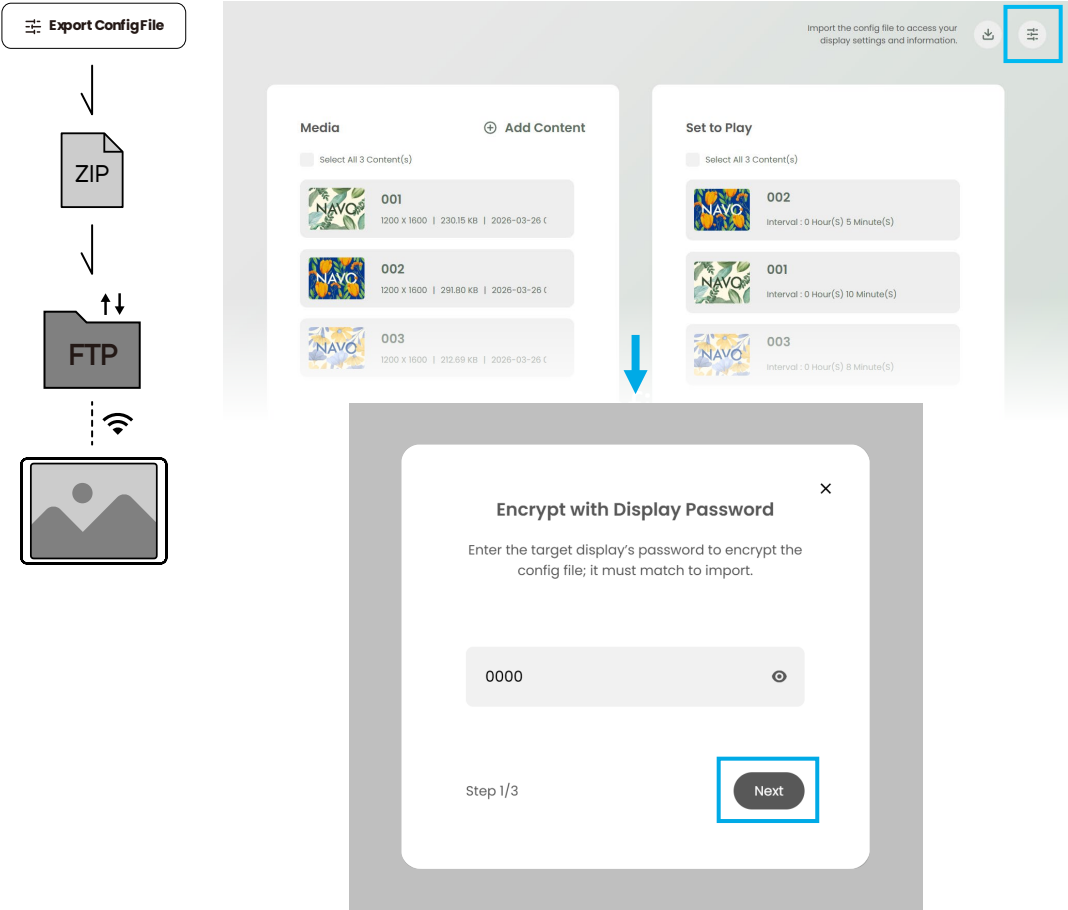
Refer to “Configure via USB” on [pages 36–37](#) to enter the configuration page.

2. Enter the configuration page, and configure “Settings” and “Content”.



CONFIGURE via FTP

3. Click “ Export Config File” to export the configured settings.
- Enter the target **NAVO Display Password** and click “Next” to export the config file.
- For first-time use NAVO display, the Default Password is 0000.



4. Place the “EpdData.zip” file in the **Root Directory** of the FTPS server.
- The NAVO display will **automatically update** using the most recent **Config File**. The FTP configuration is complete.

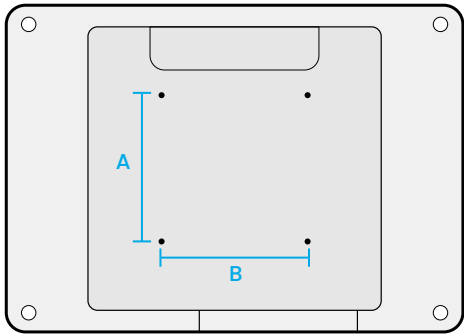


INSTALLATION

Incorrect installation may cause injury or damage the equipment. Product warranty does not cover the damage caused by improper installation and DynaScan shall not be held responsible in such incident. Refer to the mount manufacturer's instructions for proper installation.

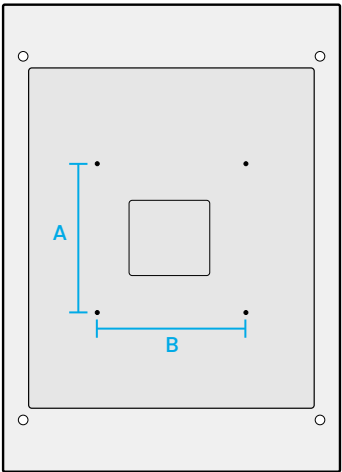
VESA Mounting

NV13A / NV13AP



MODEL	VESA (mm)		SCREW SPECIFICATION	SCREW LENGTH (Not including wall mount thickness)	NUMBER
NV13A	(A * B)	100 * 100	M4	Greater than 8mm Smaller than 10mm	4
NV13AP	(A * B)	100 * 100	M4	Greater than 8mm Smaller than 10mm	4

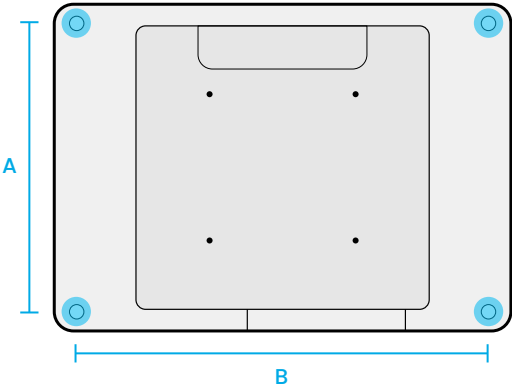
NVA2A / NVA2AP



MODEL	VESA (mm)		SCREW SPECIFICATION	SCREW LENGTH (Not including wall mount thickness)	NUMBER
NVA2A	(A * B)	200 * 200	M4	Greater than 8mm Smaller than 10mm	4
NVA2AP	(A * B)	200 * 200	M4	Greater than 8mm Smaller than 10mm	4

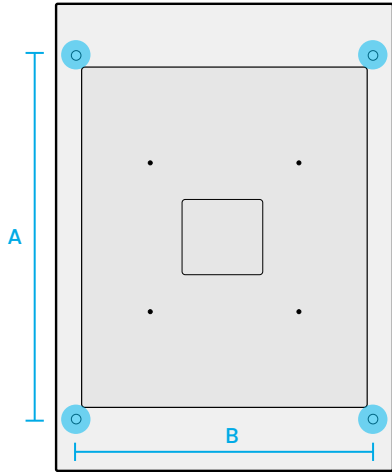
Ceiling Mounting

NV13A / NV13AP



MODEL	HOLE SPACING (mm)		HOLE DIAMETER (mm)	NUMBER
NV13A	(A * B)	196.1 * 280	Ø 1.6	4
NV13AP	(A * B)	196.1 * 280	Ø 1.6	4

NVA2A / NVA2AP



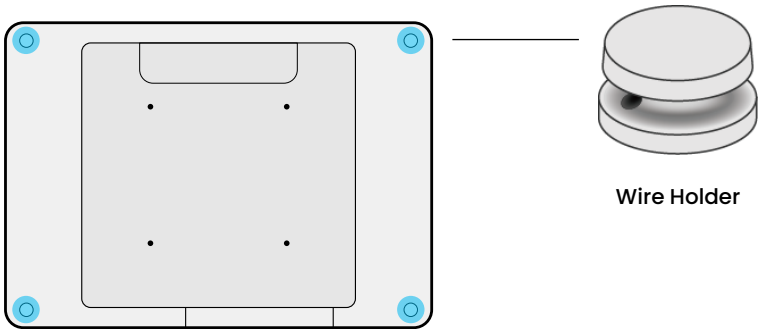
MODEL	HOLE SPACING (mm)		HOLE DIAMETER (mm)	NUMBER
NVA2A	(A * B)	490 * 400	Ø 1.6	4
NVA2AP	(A * B)	490 * 400	Ø 1.6	4

 **Caution:** For ceiling mounting, the device must not exceed 2 m above ground level.

Wire Holder

Introduction

All NAVO Series models are equipped with four wire holders for cable Ceiling Mounting. The wire holders support two mounting methods.



Mounting Method



Method 1 : Loop-Through

Method 2 : Wrap-Around

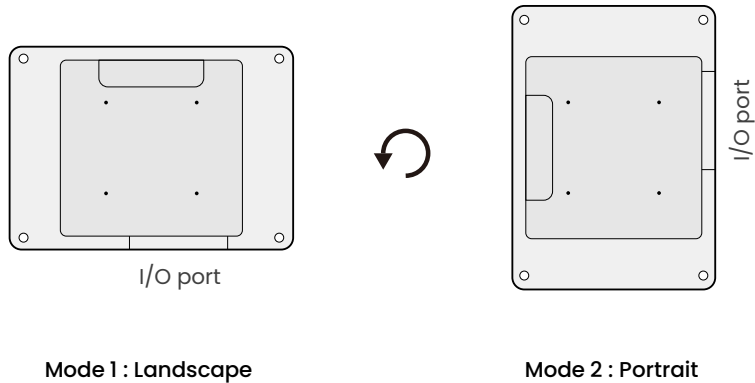
MODEL	NV13A	NV13AP	NVA2A	NVA2AP
MINIMUM WIRE LOAD REQUIREMENT	2.5 kg	3.2 kg	9.6 kg	12 kg

-  **Caution:**
- Use wires that meet the recommended load requirement.
 - Ensure the wires are securely fastened to the wire holders.
 - The manufacturer does not guarantee issues caused by customer-installed wires.
 - The manufacturer is not responsible for any accidents or injuries resulting from improper installation or handling.

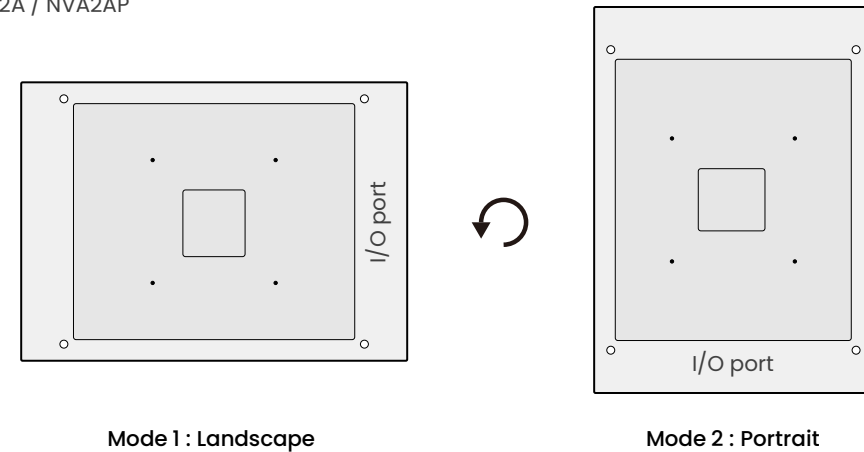
Orientation

NAVO series provides two different screen orientations for various environment applications. Landscape and Portrait mode can be distinguished by the corresponding position of I/O port in the figures below.

NV13A / NV13AP



NVA2A / NVA2AP



Installation Location

- Do not install in a location with strong vibrations or dusty.
- Do not install near the building's main electric panel.
- Ensure the device is secured in such a manner.

Maintenance

- Inspect the fasteners regularly for signs of loosening or deformation. Please perform appropriate corrective measures when a problem is identified. Neglecting the problem may worsen the situation.
- Increase the inspection frequency on areas where previous maintenance had occurred to ensure the problems do not occur again.

SPECIFICATIONS

MODEL NAME		NV13A	NV13AP	NVA2A	NVA2AP
PANEL	Panel Size	13.3 inches	13.3 inches	28.54 inches	28.54 inches
	Native Resolution	1600 x 1200	1600 x 1200	3060 x 2160	3060 x 2160
	PPI	150	150	131	131
	Contrast Ratio	22 : 1	22 : 1	22 : 1	22 : 1
POWER	Rated Voltage	DC 5V / 2.5A	DC 5V / 2.5A	DC 12V / 2.5A	DC 12V / 2.5A
	Power Consumption (Max.)	3W	3W	6W	6W
BATTERY COMPATIBILITY* *Batteries are not included.	Type	10440 lithium battery x4	10440 lithium battery x4	18650 lithium battery x4	18650 lithium battery x4
	Rated Voltage	3.7V	3.7V	3.7V	3.7V
	Recommended Capacity	> 300mAh	> 300mAh	> 3,000mAh	> 3,000mAh
MECHANICAL SPECS	Dimension (L x H x D)	310.5 x 223.0 x 17.5 mm	310.5 x 223.0 x 18.5 mm	628.1 x 453.9 x 28 mm	628.1 x 453.9 x 30 mm
	Weight	624 g	804 g	2400 g	3100 g
	VESA Mounting (L x H)	100 x 100 mm	100 x 100 mm	200 x 200 mm	200 x 200 mm



MODEL NAME		NV13A	NV13AP	NVA2A	NVA2AP
I/O PORTS	USB Type-C	x 2 (1x for data , 1x for power)	x 2 (1x for data , 1x for power)	x 2 (1x for data , 1x for power)	x 2 (1x for data , 1x for power)
	USB Type Mini-A (Wi-Charge)	x 1 (for Wi-charge receiver)	x 1 (for Wi-charge receiver)	N/A	N/A
ENVIRONMENT	Operation Temperature	0°C ~ 40°C (with Battery) 0°C ~ 45°C (w/o Battery)	0°C ~ 40°C (with Battery) 0°C ~ 45°C (w/o Battery)	0°C ~ 40°C (with Battery) 0°C ~ 45°C (w/o Battery)	0°C ~ 40°C (with Battery) 0°C ~ 45°C (w/o Battery)
	Storage Temperature	-25°C ~ 60°C	-25°C ~ 60°C	-25°C ~ 60°C	-25°C ~ 60°C
	Humidity	20%~80% RH Non-Condensing	20%~80% RH Non-Condensing	20%~80% RH Non-Condensing	20%~80% RH Non-Condensing
	Environmental Rating	N/A	IK5	N/A	IK5

TROUBLESHOOTING

ISSUE	RECOMMENDED SOLUTION
Power does not work	- Check if the power cable is securely connected. - Check if the cable is damaged or excessively bent. - Check if batteries are installed in the device. - Check if the batteries have sufficient charge and correct polarity.
Button does not work	- Check if the button is fully pressed. - Check if the device is in the startup process. - Check if the screen is currently changing. - Check if the device is receiving power. - Check if the device is in Power Saving Mode.
Content does not work	- Check if the config file has been successfully imported. - Check if the image format meets the required specifications.



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