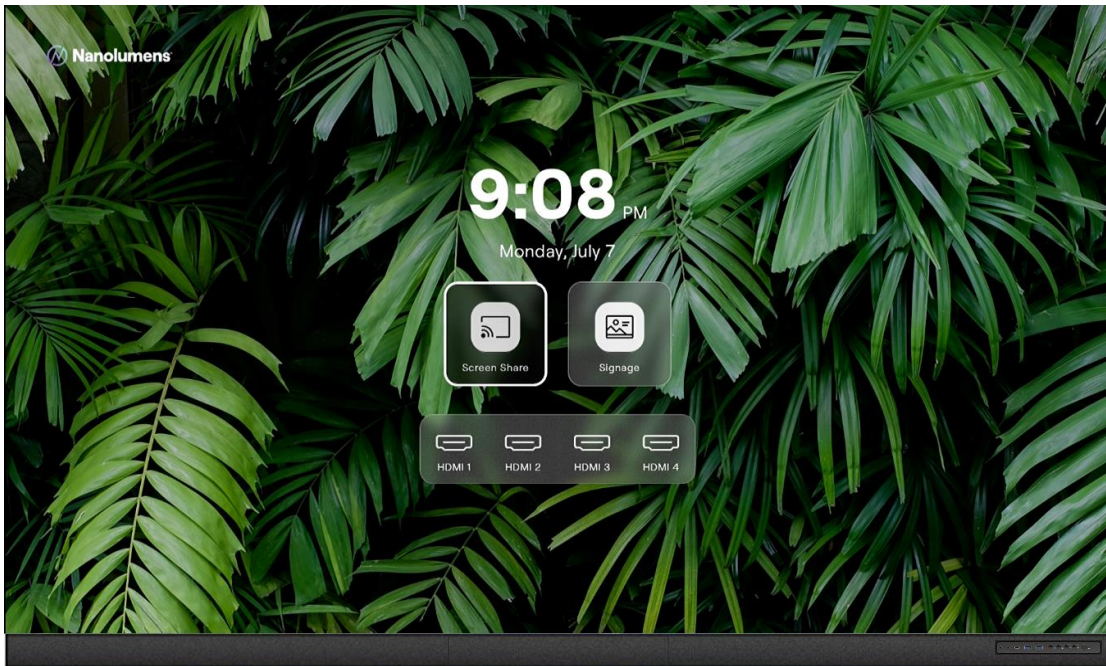




Nanolumens®

CAPTIVATE USER MANUAL



ALL-IN-ONE DISPLAY

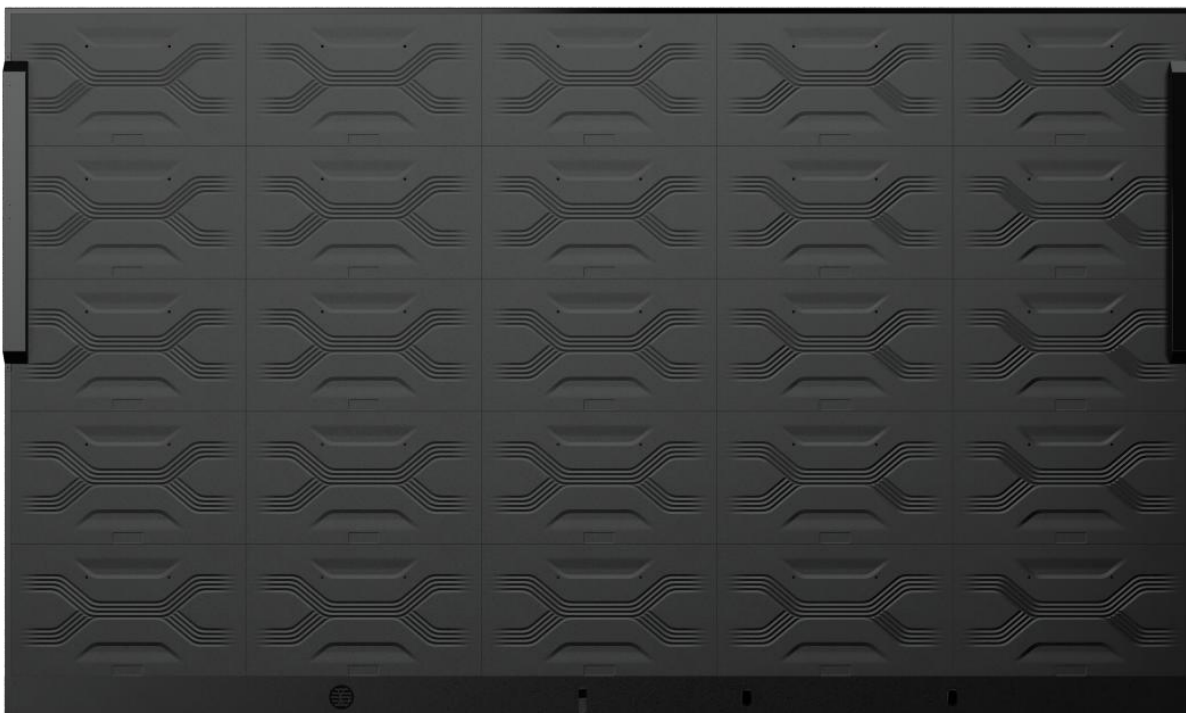
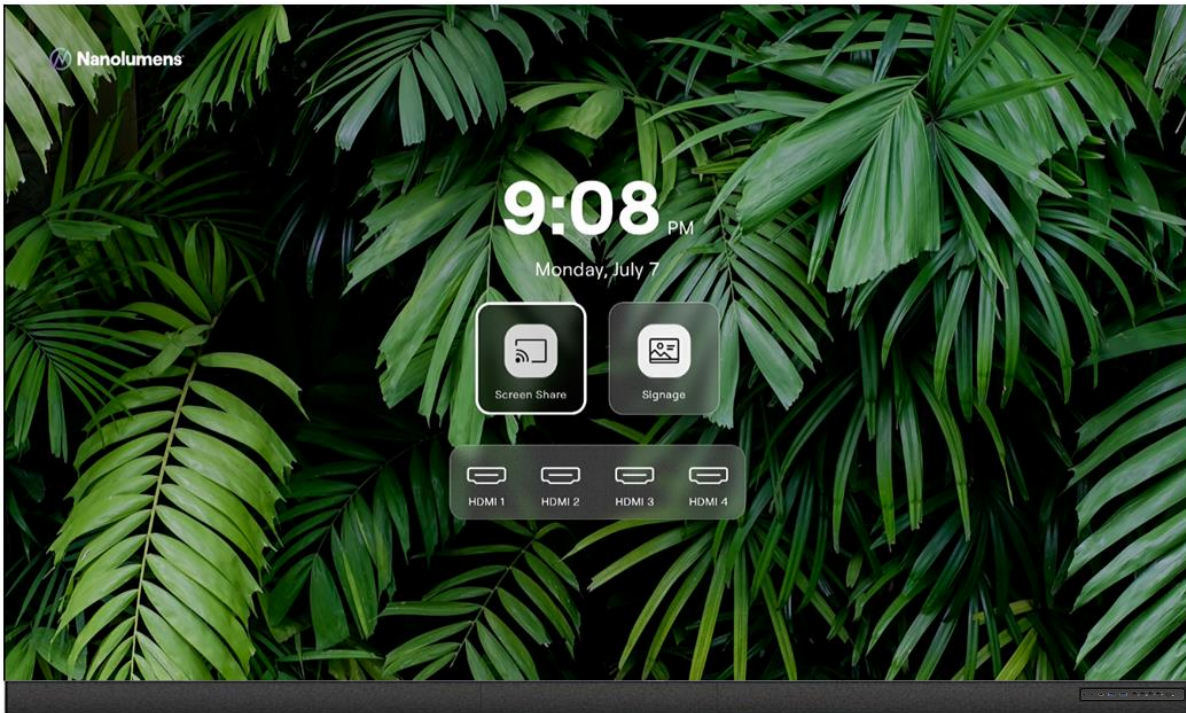
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Caution!

- ! Do not place the device upside down or throw it during
- ! transportation and storage. Do not tilt or scratch the device during
- ! installation.
- ! Do not expose the device to water.
- ! Do not point the air outlet of the air conditioner close to the display when letting out the air. Do not place or use the display in an environment with volatile, corrosive, or combustible chemicals.
- ! Do not use the device in an environment with humidity above 80% or
- ! outdoors when it is raining. Do not clean the display device with
- ! chemical solutions.
- ! Always use electrical accessories certified by the device
- ! manufacturer.
Make sure that the display and its auxiliaries are correctly and reliably grounded prior to use. Deactivate the power supply and contact a technical professional upon discovery of any abnormality, including any unusual smell, smoke, power leakage, or abnormal temperature.
- ! The device is supplied with two input sources. To deactivate the display, disconnect both input sources.
- ! Input voltage should not exceed 100-240VAC.
- ! Wear anti-static gloves and anti-static bracelets when installing or
- ! repairing the product. Make sure that the air on the back of the display will flow smoothly when designing a heat dissipation solution.
- ! Make sure that the display is powered at least twice a week for a period of at least two hours each time under normal conditions.
- ! Installation of the display near the sea, in a saline area or an area containing sulfur gases, or a location with high indoor-outdoor temperature difference may result in failure to operate and affect the service life of the device. Please consult Nanolumens technical professionals where this is unavoidable.

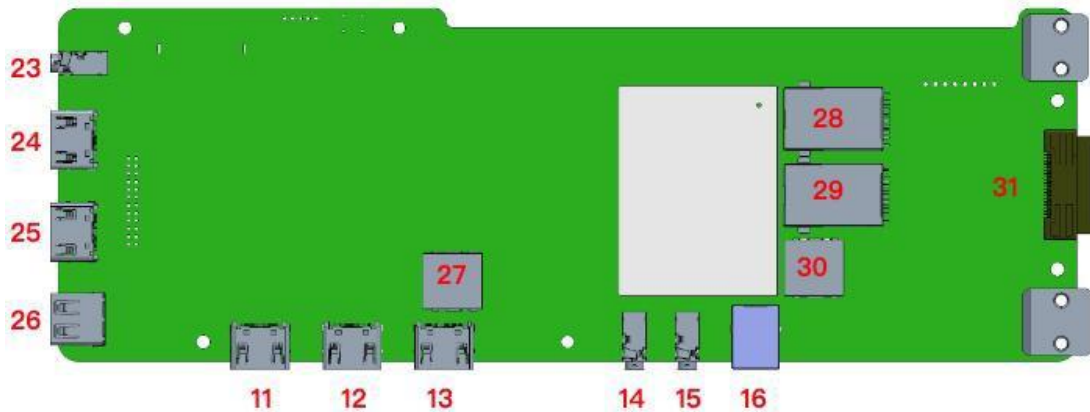
Hardware Description



Buttons and IO Ports



1	Ambient Light Sensor	8	Down button It serves three roles depending on the context (1) brightness down (2) volume down (3) navigation down
2	IR	9	Up button It serves three roles depending on the context (1) brightness up (2) volume up (3) navigation up
3	Type C	10	Power button (with red/blue LED indicator)
4	USB3.0	11	HDMI 3 input (facedown)
5	USB3.0	12	HDMI 4 input (facedown)
6	Menu button	13	HDMI output (facedown)
7	Brightness & Confirmation button (Serving a dual purpose, it both opens the brightness adjustment menu and confirms menu selections.)	14	3.5mm Audio output (facedown)



15	3.5mm Audio input (facedown)	27	RJ45 (RS232) (built-in)
16	USB out	28	RJ45 Android LAN port (built-in)
23	3.5mm audio input (built-in)	29	RJ45: Reserved for other models
24	HDMI1 input (built-in)	30	POE (built-in): Reserved for other models
25	HDMI2 input (built-in)	31	80-pin connector: Reserved for other models
26	USB 2.0(built-in)		

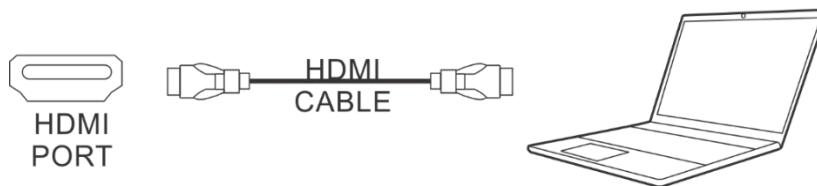
Notes:

1. I/O ports 17 - 22 are skipped as they are not applicable to this model.
2. I/O ports 29 - 31 are reserved for other models.

Connections

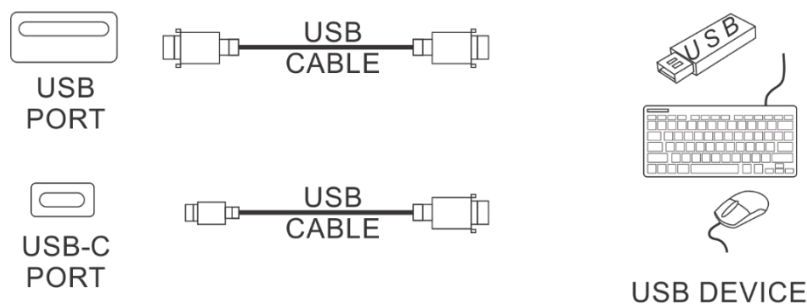
The number of ports and type of the device are subject to the actual product received. The description here is for illustration only. In making the connections that follow, the different cable types will not plug into the wrong type of port.

HDMI Input



1. Use an HDMI cable to connect the display to your computer or other device having HDMI output.
2. Press the channel switch key (on the Captivate or remote control) to switch to the HDMI display channel.

Connect USB input/TYPE-C input

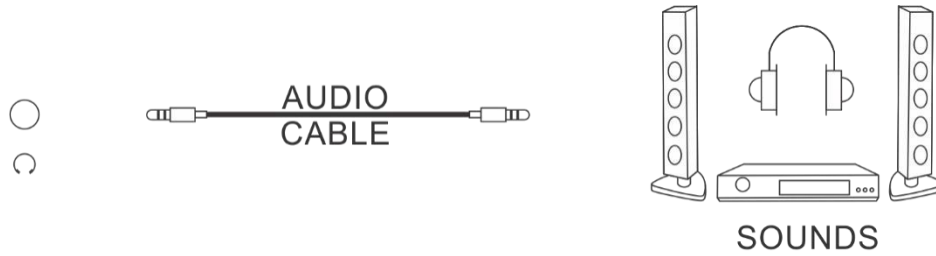


Typically, you can connect the following USB devices to enhance the product features.

- (1) USB keyboard & mouse
- (2) USB speaker & microphone
- (3) USB camera

Alternatively, you can insert a USB disk to perform firmware update.

Connect Output audio signals



1. Connect one end of the audio cable to the 3.5mm audio output port and the other end to the amplifier, stereo, headphone or other device.
2. You may use the remote control to control the volume of the audio sound output.

Remote Control

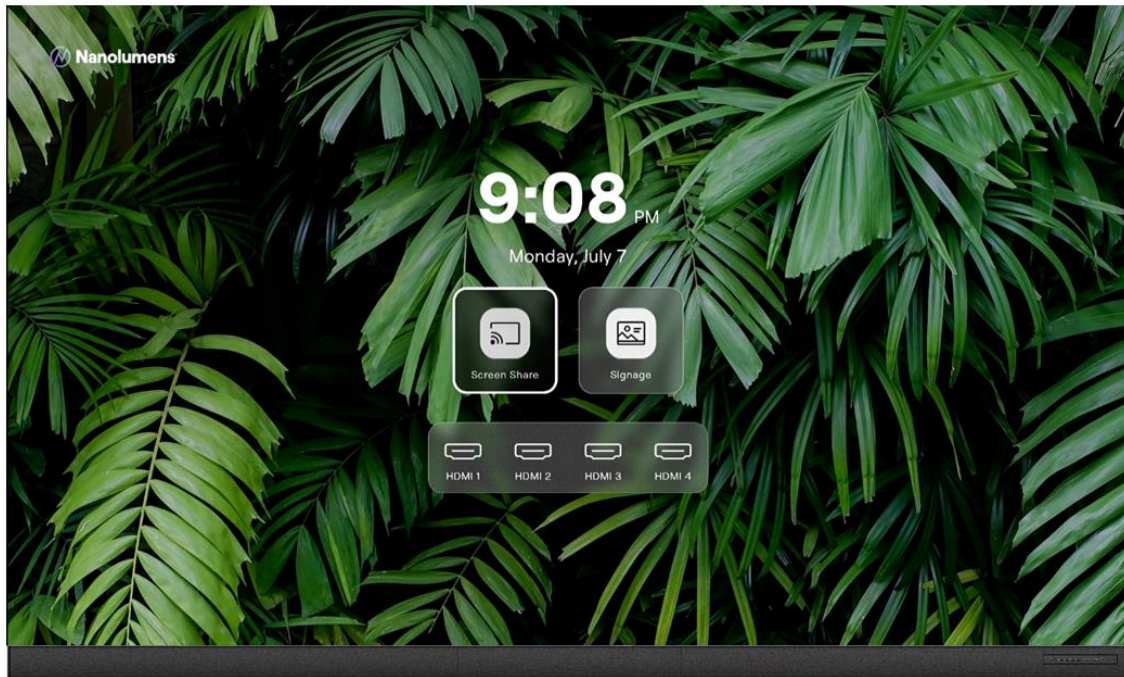
Icon	Description
	Standby/Wake Up
	Up
	Down
	Left
	Right
OK	Enter
	Volume Up
	Volume Down
	Return
	Brightness
	Menu
	Home Screen



Software Features

Home Screen

The home screen is shown below, where you have easy access to Screen-Sharing App, Signage App, and various HDMI inputs. Navigation can be done with an IR remote control.



Index	Description
1	Screen Share - Montage (screen mirroring App)
2	Signage - Rise Vision (full-featured digital signage player)
3	HDMI 1 & 2: Built-in HDMI ports (typically used for fixed installation)
4	HDMI 3 & 4: External HDMI ports

Screen Share

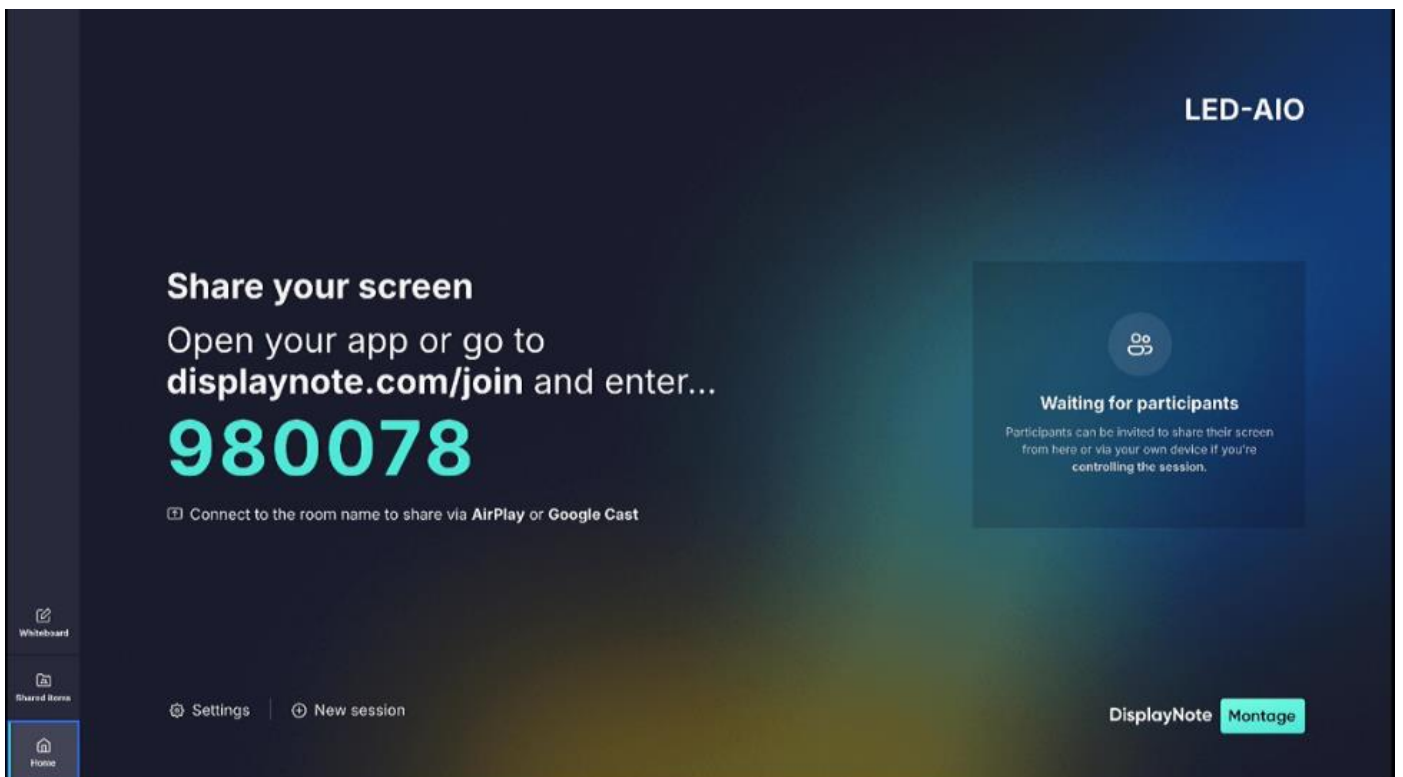
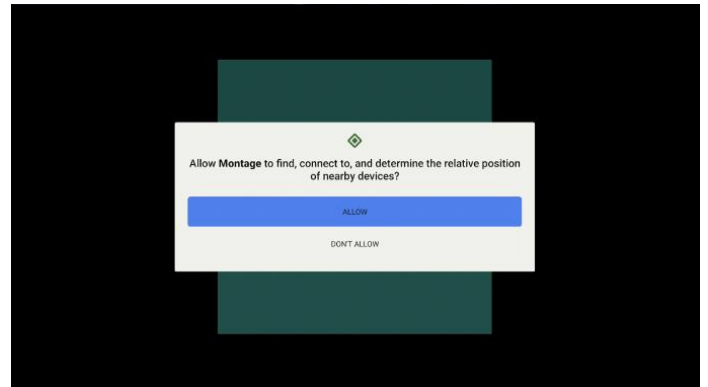
This function enables users to present their content to the big screen wirelessly from a wide range of devices (Windows/MacOS computers and Android/iOS mobile devices). Users can do this through the DisplayNote App, or through a web browser, or simply, through Air Play / Miracast / Google Cast.

Please visit Montage product webpage for more information about its features and capabilities.

<https://www.displaynote.com/screen-sharing/>

Detailed instructions and training materials are available at

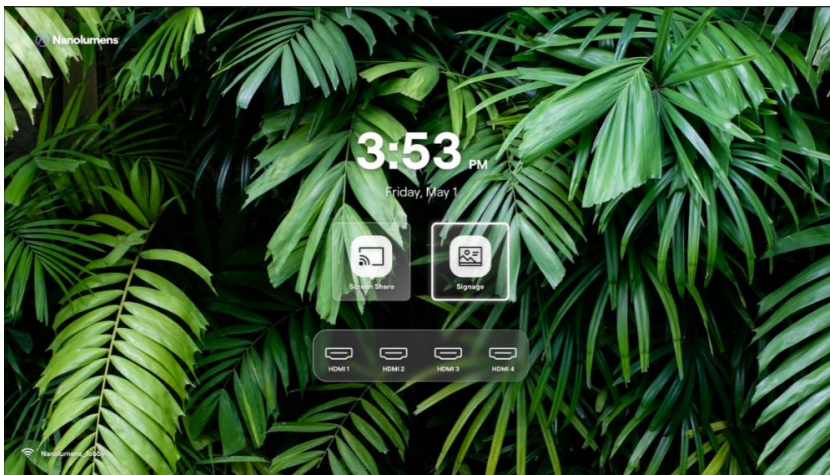
<https://support.displaynote.com/hc/en-us/categories/200554881-Montage>



Signage

Rise Vision is a comprehensive signage/CMS solution, featuring

1. Cloud-Based Content Management:
Upload, edit, and schedule content (images, videos, webpages, real-time data) via a web interface.
2. Multi-Screen Control:
Manage multiple screens from one dashboard, with scheduling and group-based content assignment.
3. Rich Templates and Real-Time Data Integration:
Embed live weather, news, calendars, or other dynamic data into displays.
4. Remote Monitoring & Management:
Track screen status, playback history, and perform remote updates/restarts.



To get started, check out the following webpage on how to build your first signage content and show it on your screen:

<https://www.risevision.com/how-rise-vision-works>

The main Rise Vision website (<https://www.risevision.com/>) also offers a lot of useful information, including product details, training videos, signage templates, etc.



Top-Level Buttons and Menu

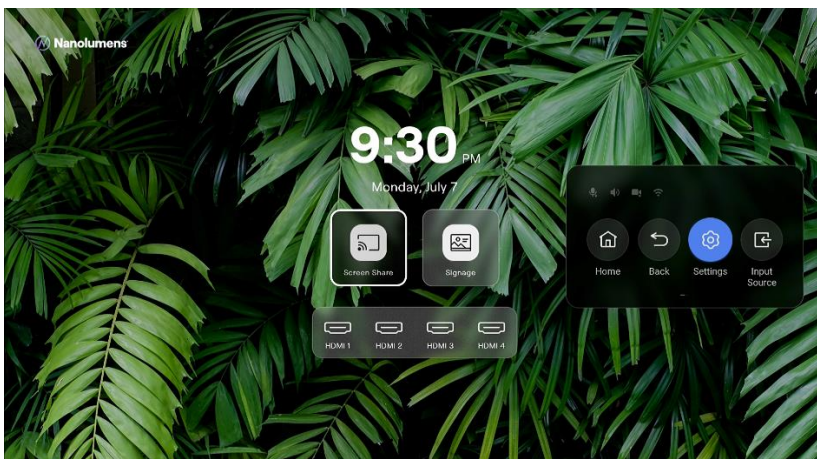
Home : Return to the home screen



Back: Go back



Settings: Launch Settings menu



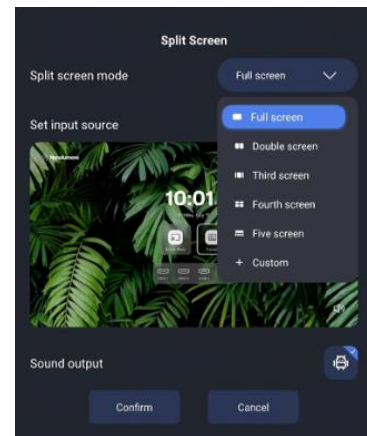
Input source: Open Input menu



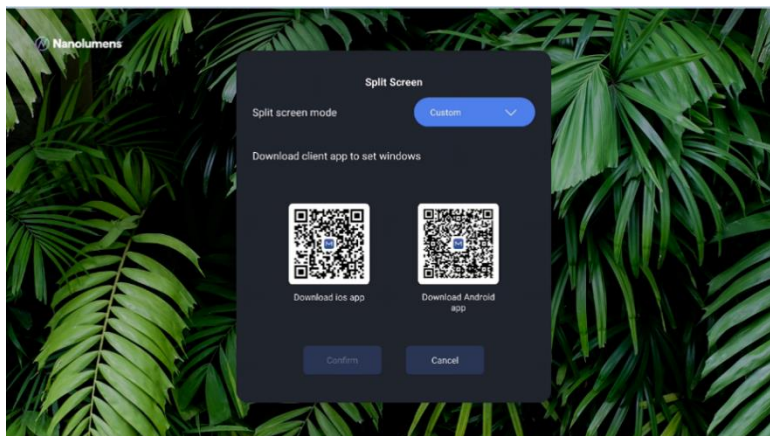
Split screen:

With Split screen, users can display multiple video sources on the screen simultaneously. To do so,

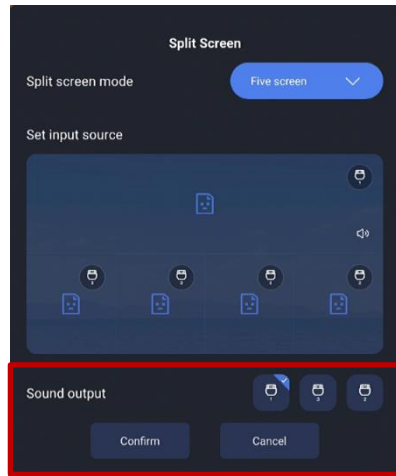
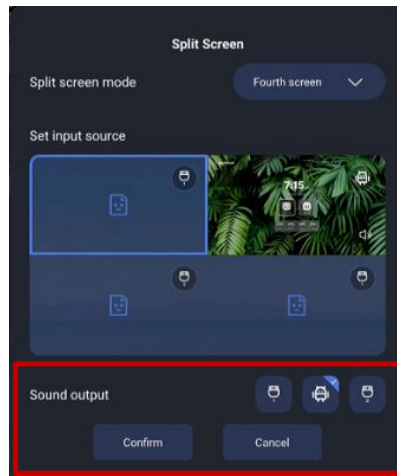
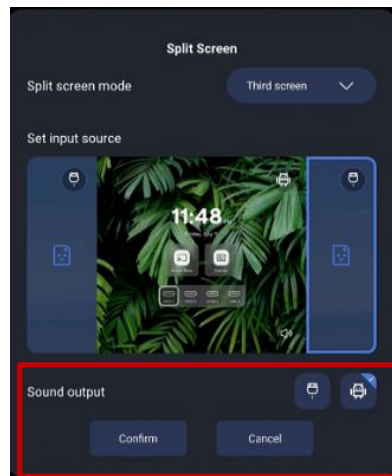
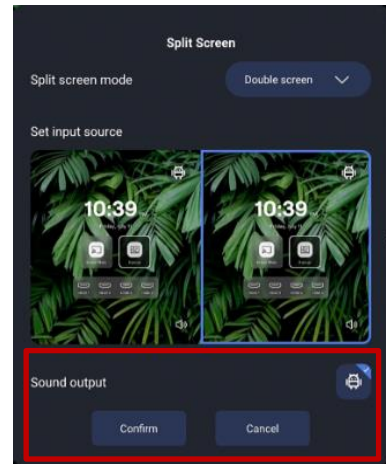
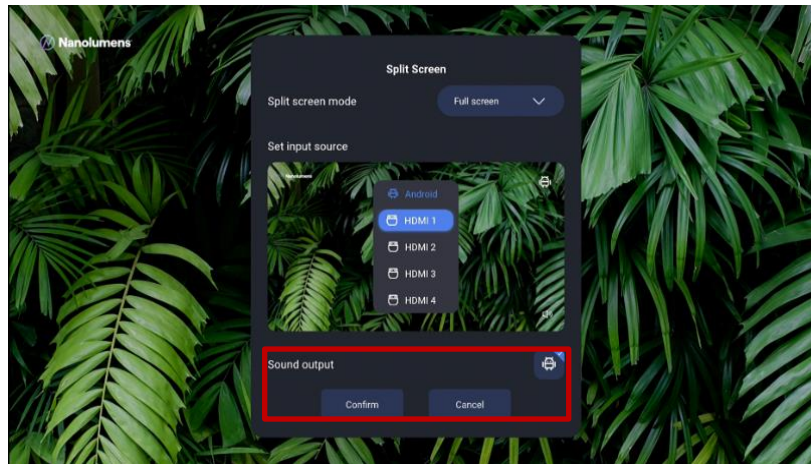
- (1) Choose one of the 6 configurations, which are Full-screen, Two-screen, Three-screen, Four-screen, Five-screen, and Custom.



- To use Custom configuration, you will need to install LedConfig App on your phone. Scan the on-screen QR code to proceed or simply download it from Android or iOS App store.



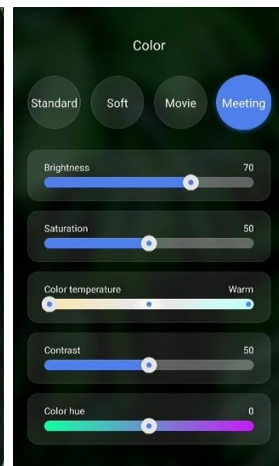
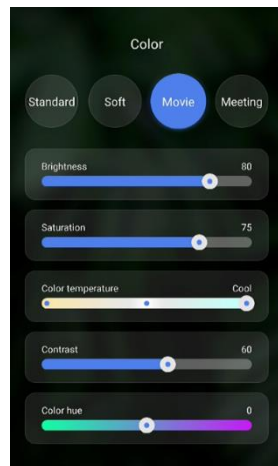
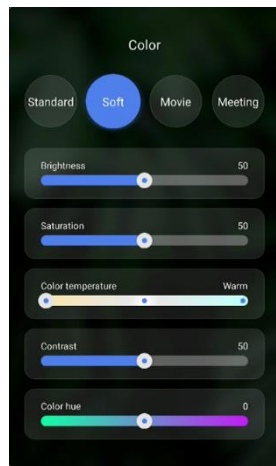
- (2) Follow the on-screen instructions to select the desired input source for each “split-screen”, and the audio source (namely, Sound output).
- Important note: HDMI-1 cannot be selected as a “split-screen” source.



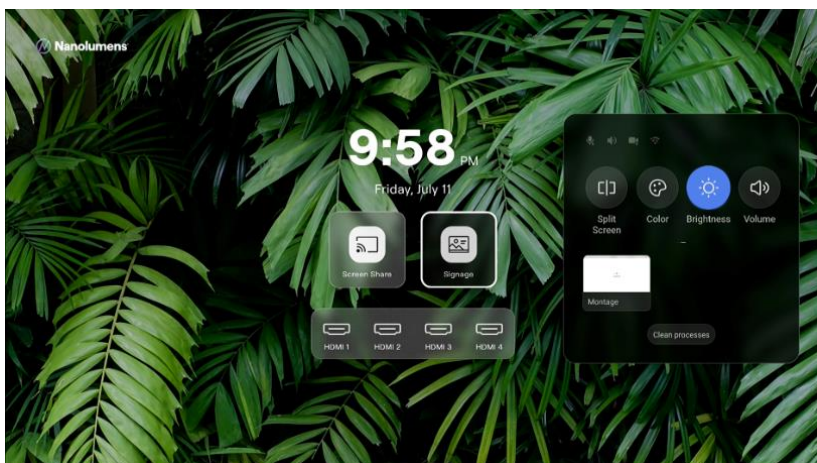
- (3) “Confirm” to take effect

Color Adjustment

This feature is accessible from the popup Settings menu, which enables users to adjust color parameters, from pre-defined scene modes to brightness, saturation, color temperature, etc.



Brightness - Open the brightness bar for brightness adjustment



Volume - Open the volume bar for volume adjustment



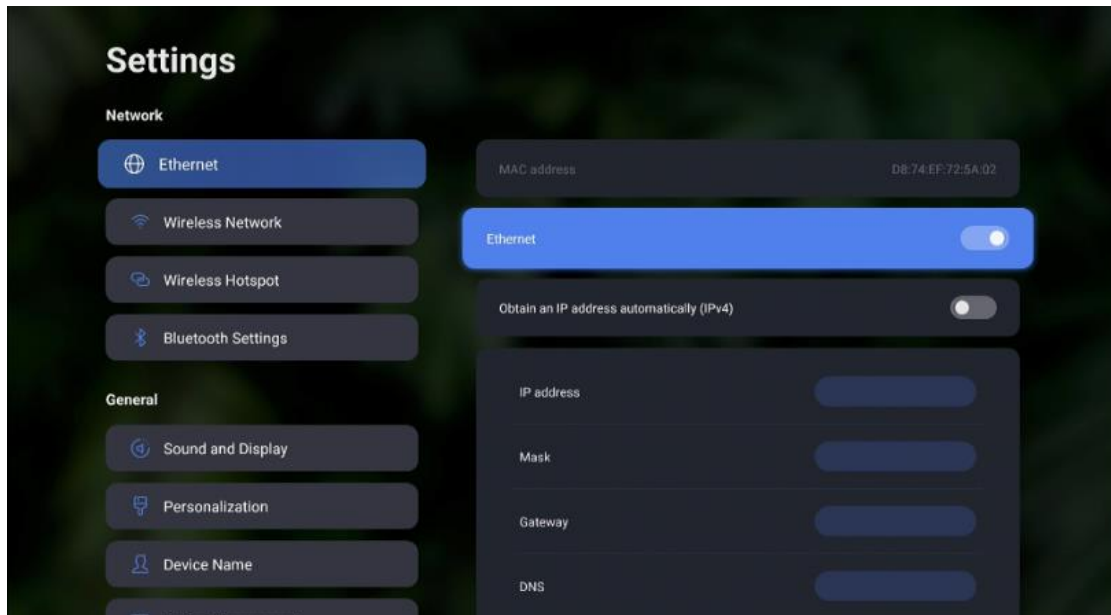
Settings Menu

Click on "Settings" to access the Settings menu.

Network

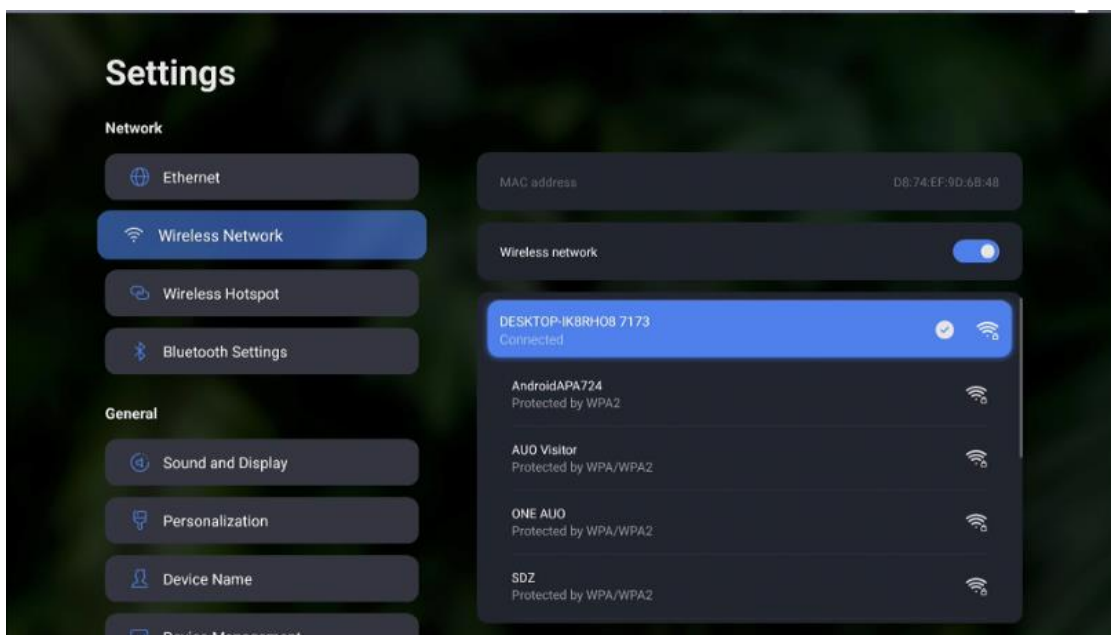
(1) Ethernet

Wired network switch: Turn on or off the wired network



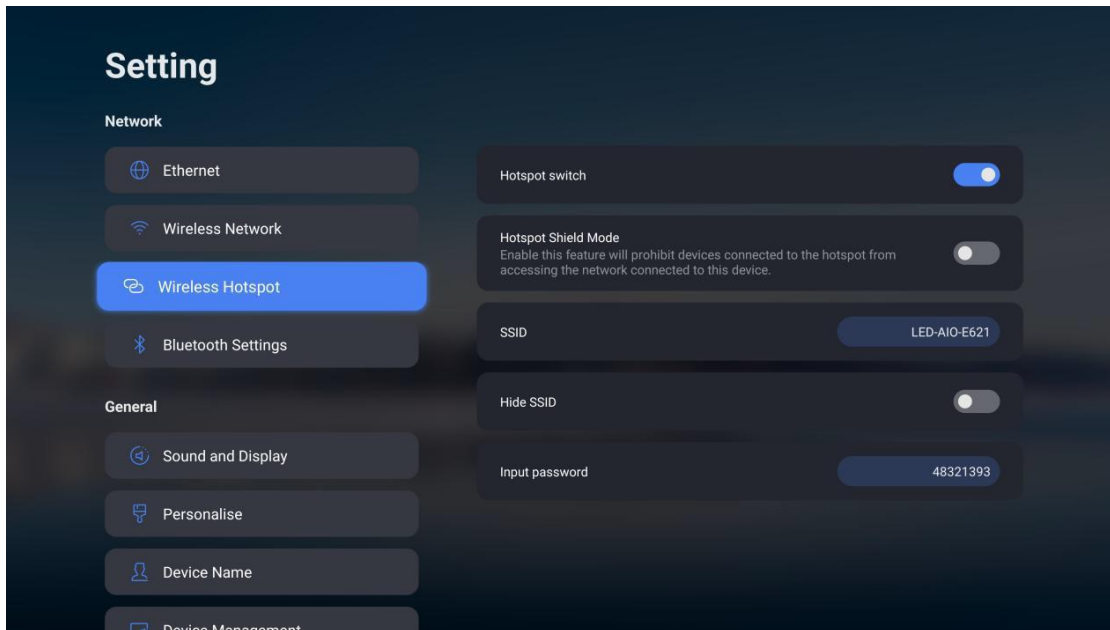
(2) Wireless network:

Turn on the wireless network to start connecting to a Wi-Fi network



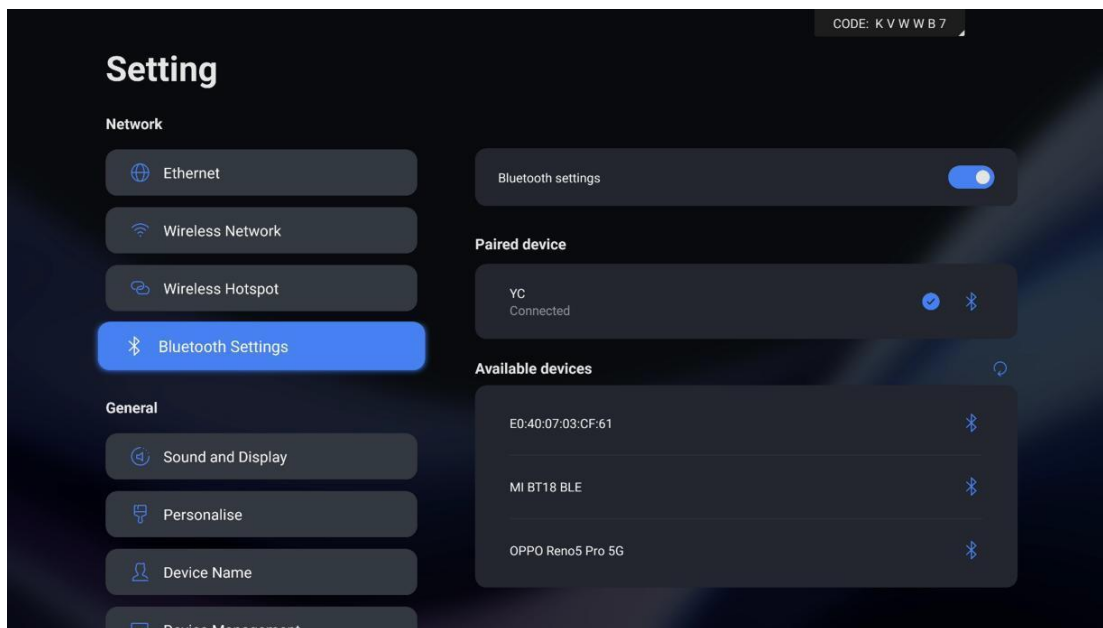
(3) Wi-Fi hotspot

1. Hotspot Switch: Turn on/off the hotspot
2. Hotspot Shield Mode: Prohibit or allow access to the wired network connected to the LED device
3. SSID: Change hotspot name
4. Hide SSID: Show/Hide hotspot name
5. Input password: Change password



(4) Bluetooth Switch: Turn on or off Bluetooth

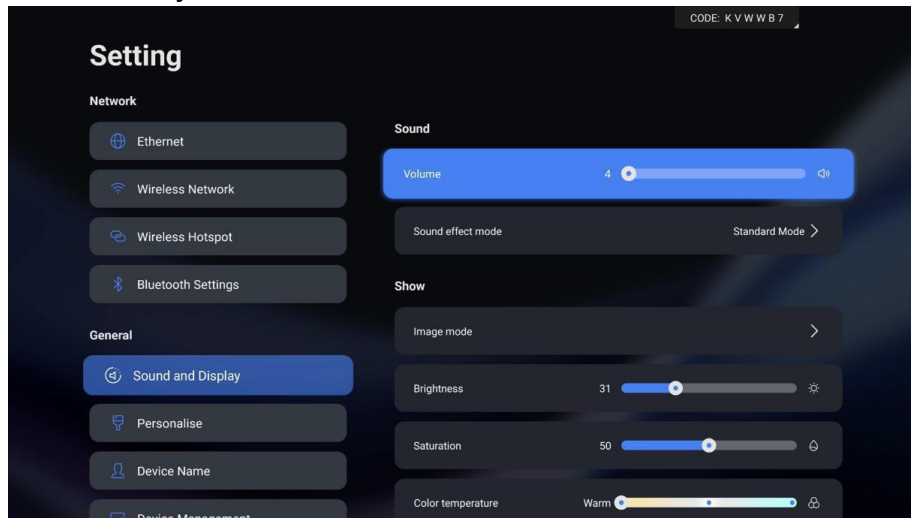
After turning on Bluetooth, you can connect to Bluetooth devices within the search range.



General

(1) Sound and display

Volume: Adjust the volume level



Sound mode: Switch sound mode (Standard, Video, or Meeting)

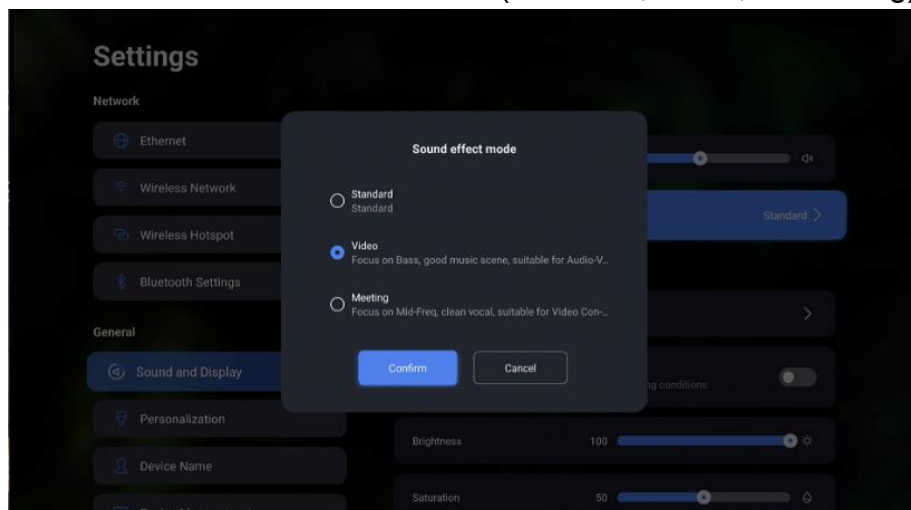
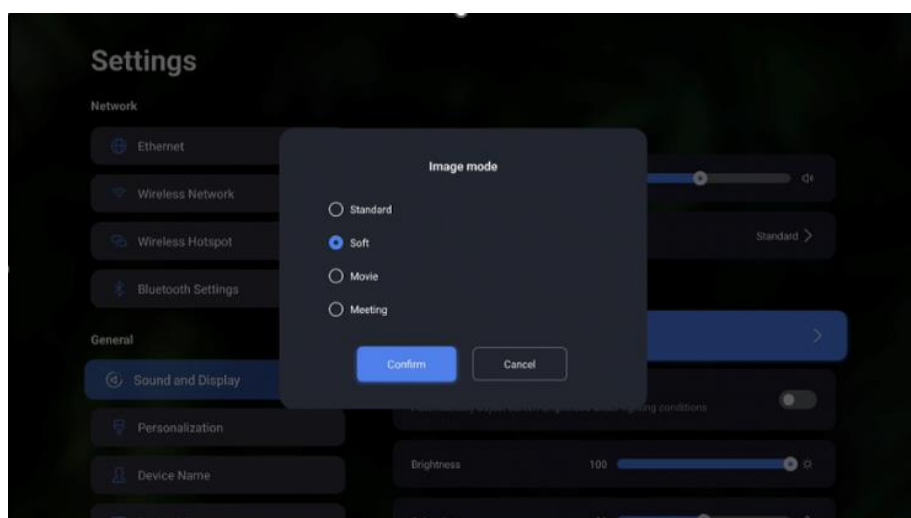
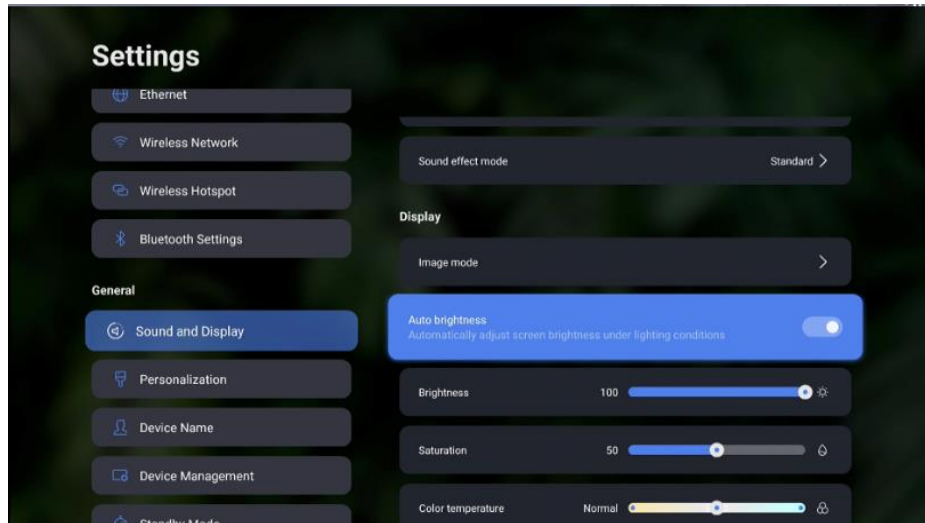


Image mode: Set image mode (Standard, Soft, Movie, or Meeting)

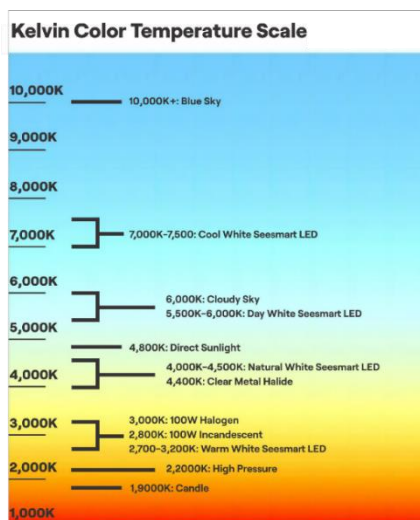
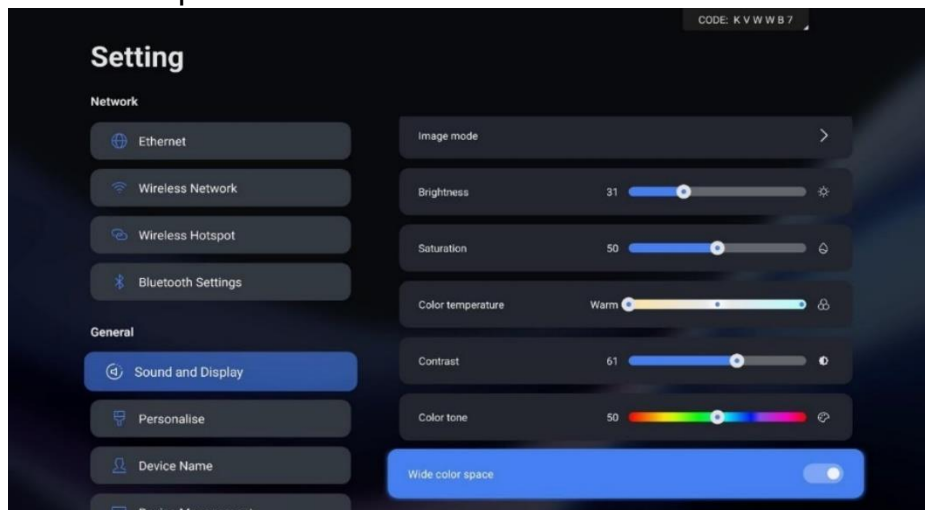


Auto brightness

1. Auto Brightness : On/Off
2. Brightness: Set brightness
3. Saturation : Set saturation
4. Color temperature: Set color temperature
5. Contrast: Set contrast

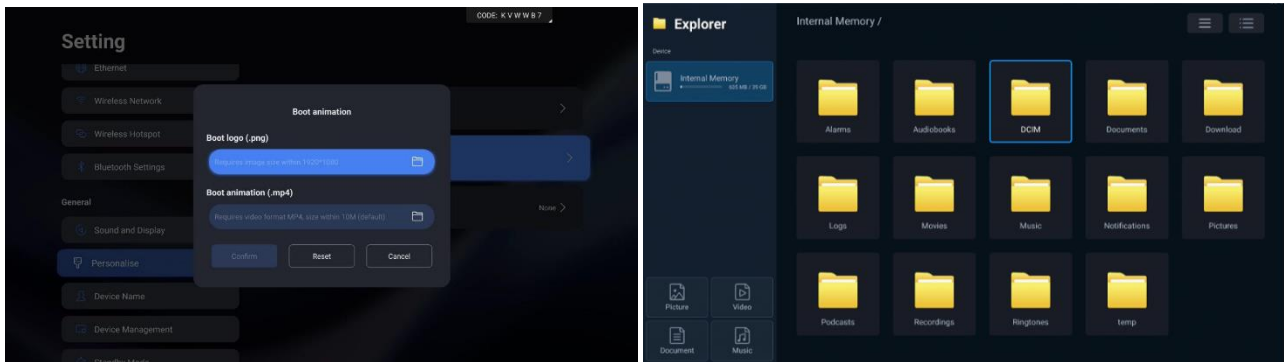


Wide color space : Enable/Disable

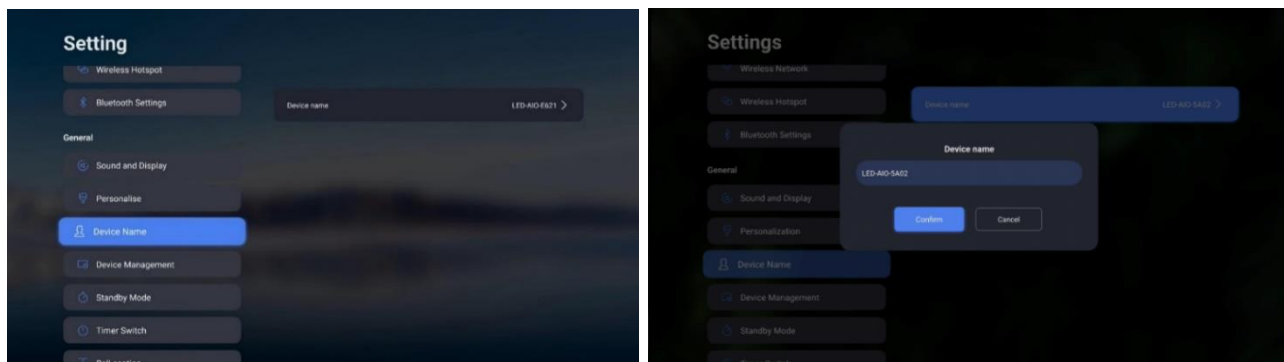


(2) Personalize

Boot Logo or Animation: Set bootup logo and animation

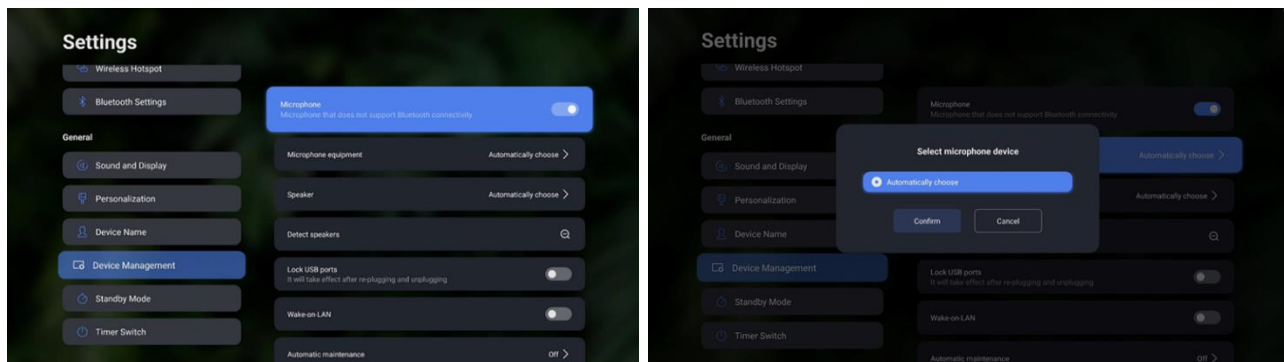


(3) Device Name:

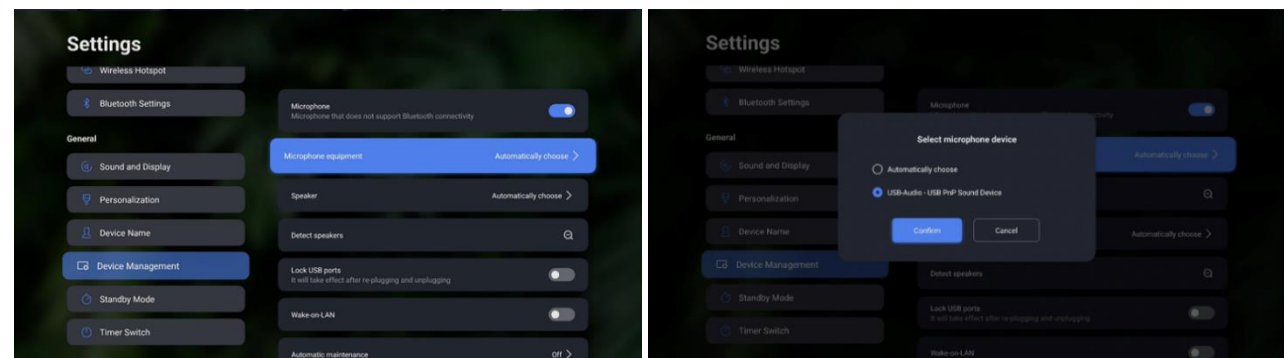


(4) Device management

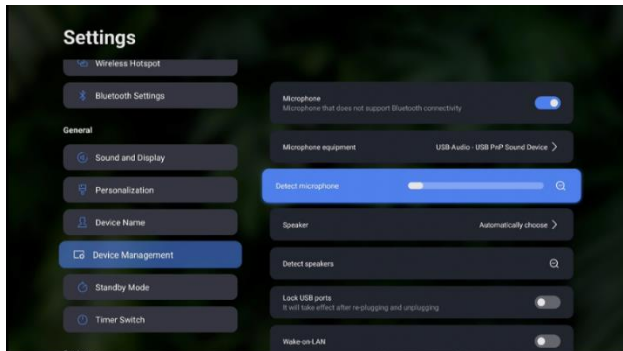
Microphone: Turn on/off the microphone



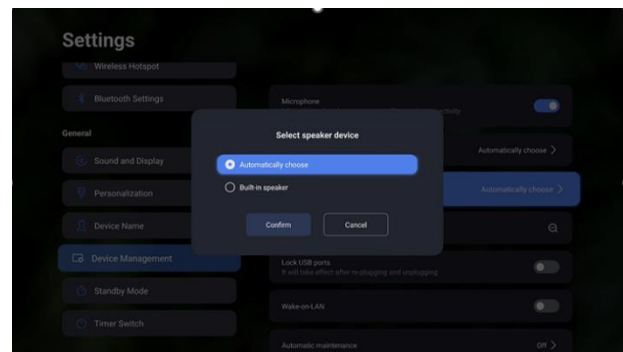
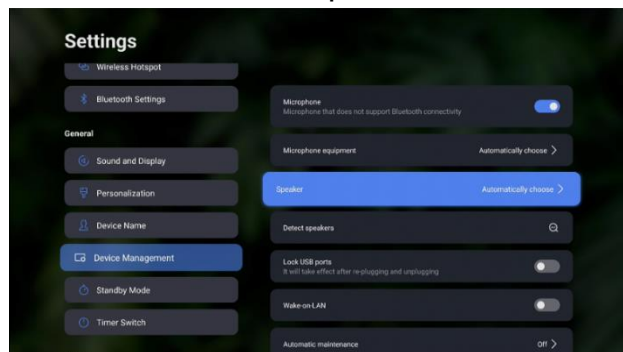
Microphone Equipment :
Select a microphone



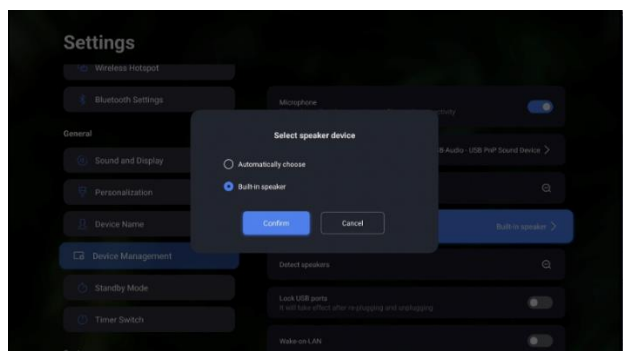
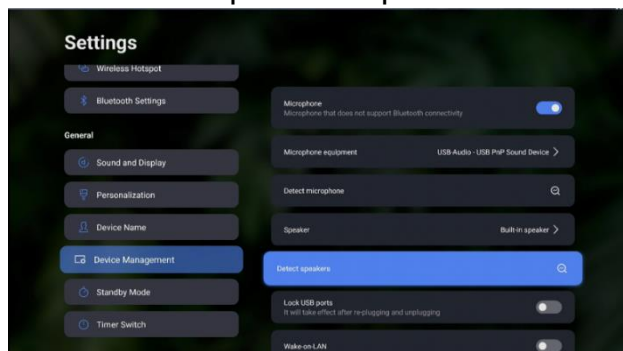
Detect Microphone :
Check if the microphone output is normal.



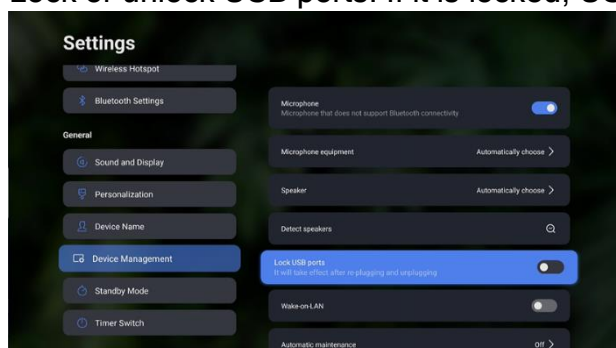
Speaker:
Select the sound output device.



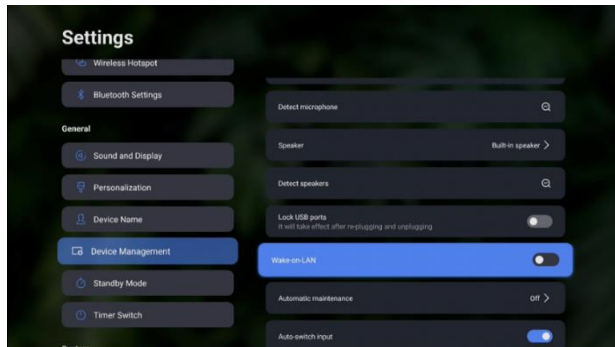
Detect speaker:
Check if the speaker output is normal.



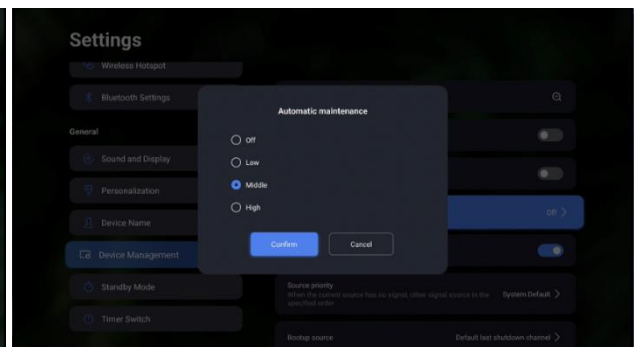
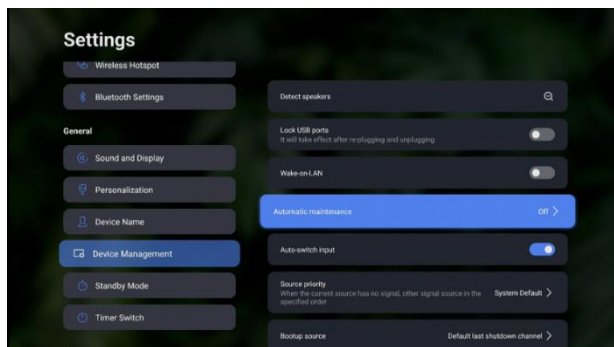
Lock USB port:
Lock or unlock USB ports. If it is locked, USB access is disabled.



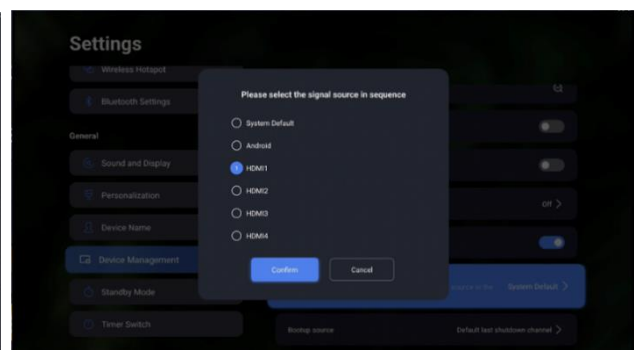
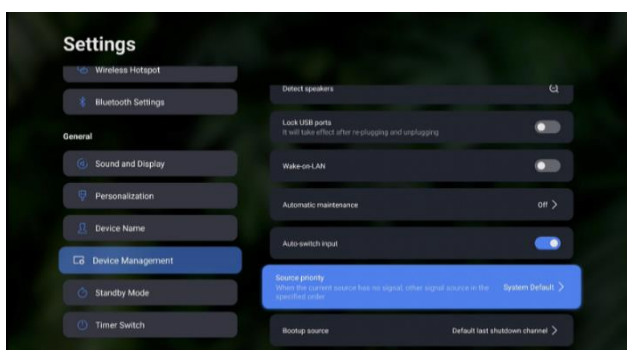
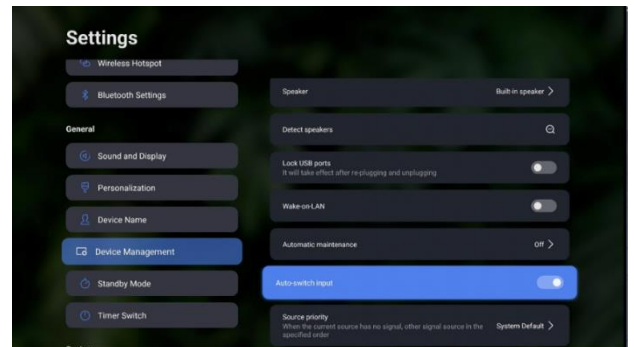
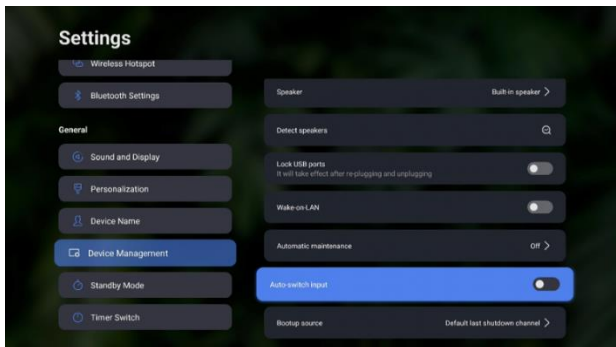
Wake-up on LAN :
Turn on/off the remote wake-up service via LAN.



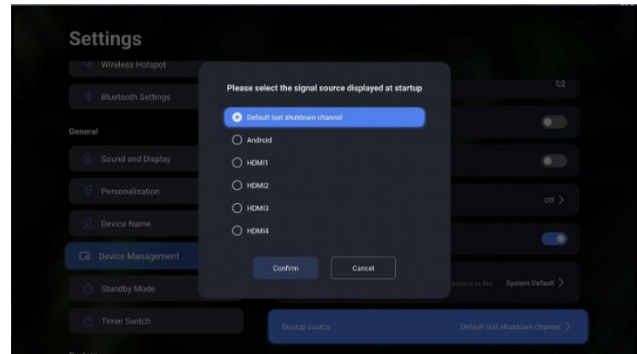
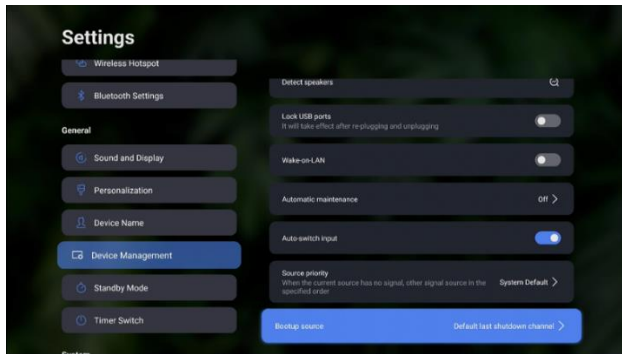
Automatic maintenance :
Start dehumidification maintenance procedure



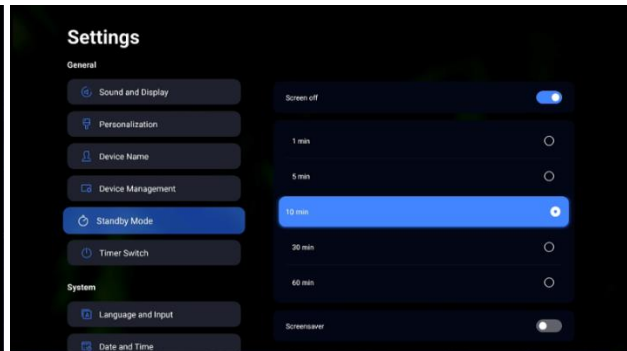
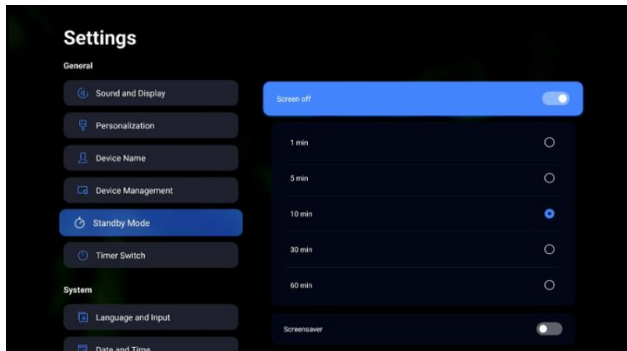
Auto-switch input :
Set the input source's priority



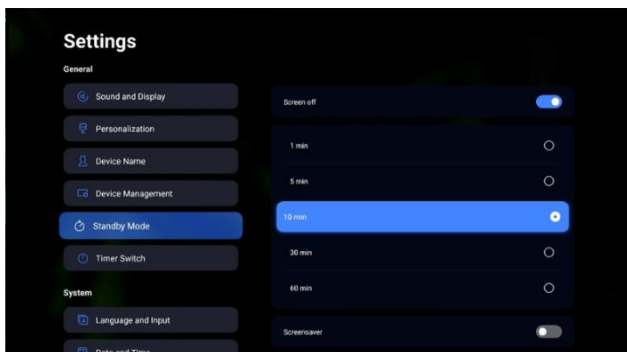
Bootup Source :
Set the input source upon bootup



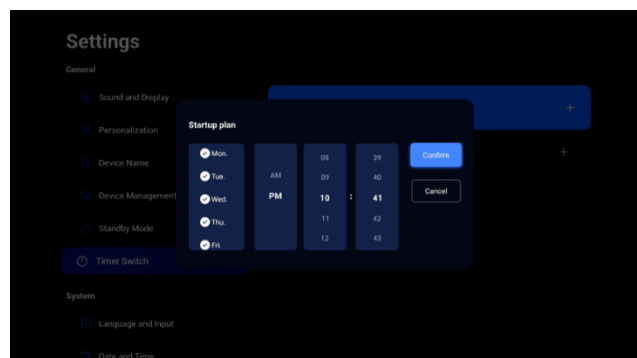
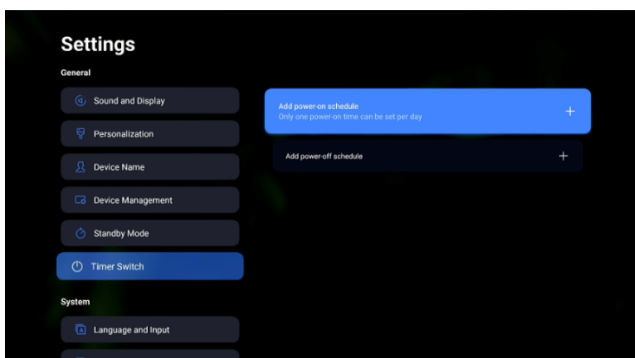
(5) Standby mode:
Set idle timer to enter standby mode

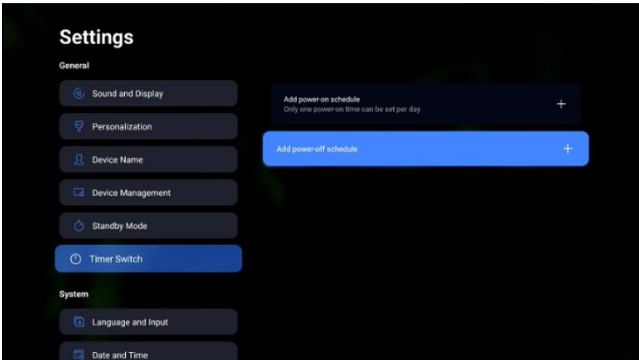


Screen saver
Set idle timer to enter screen-saver mode



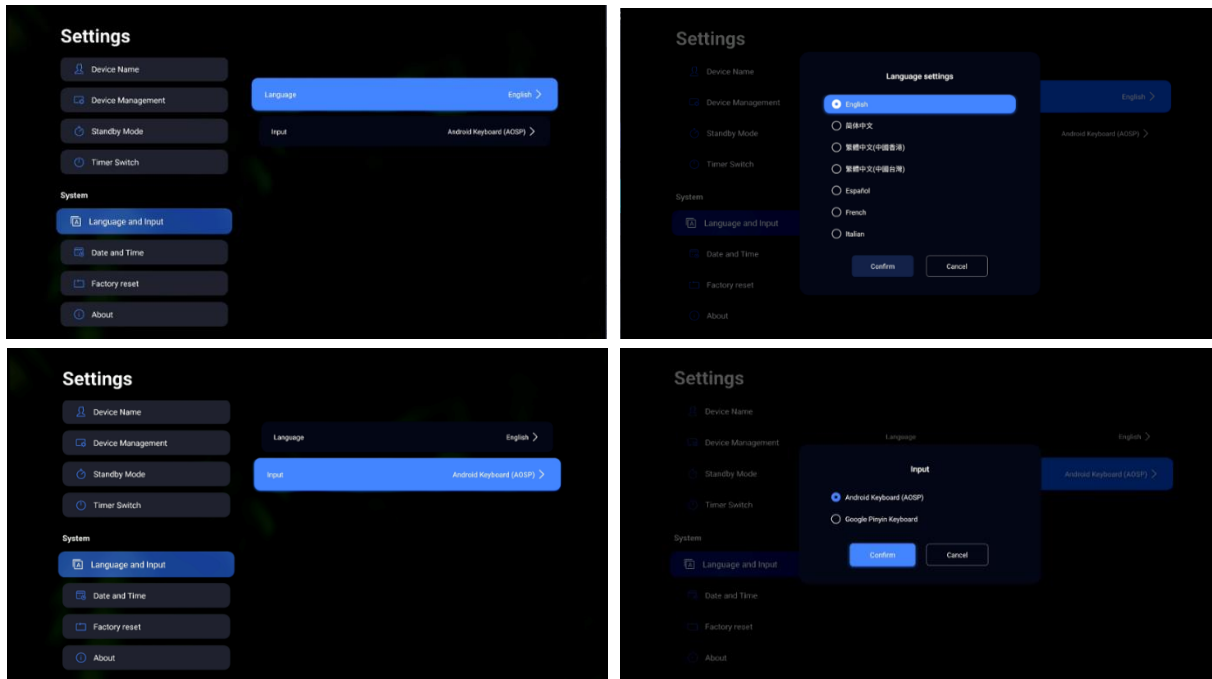
(6) Timer switch
Set power on/off schedule



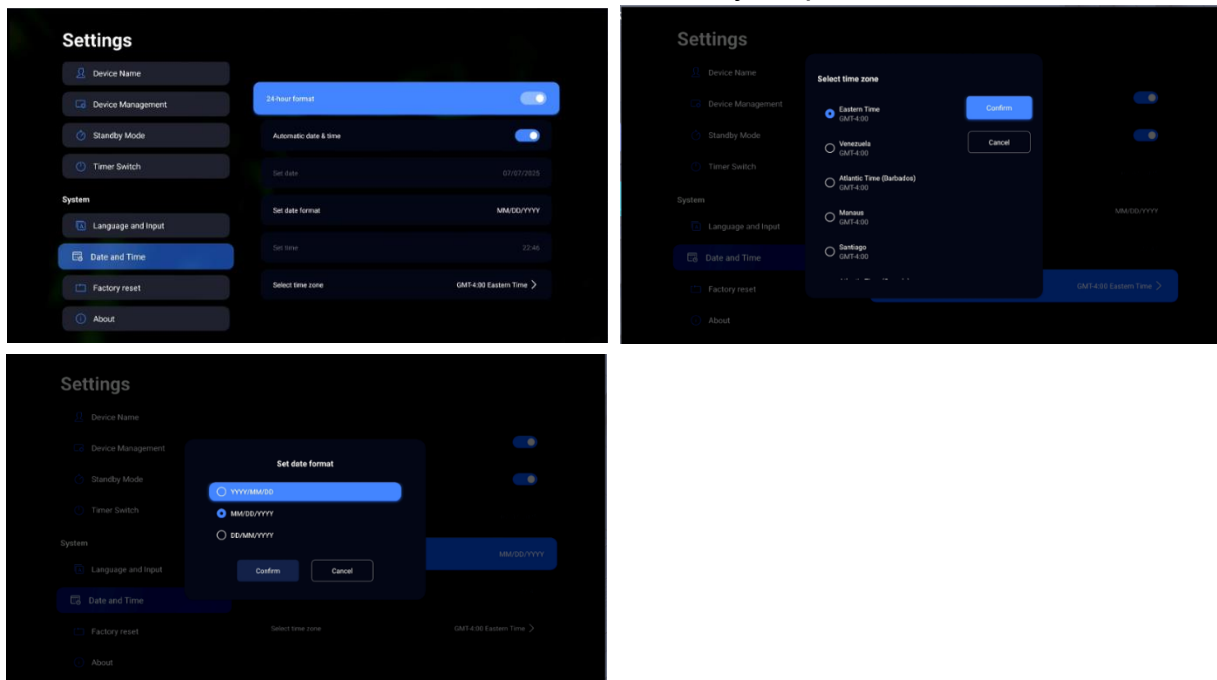


System

- (1) Language and input method:
You can choose the language and input method.

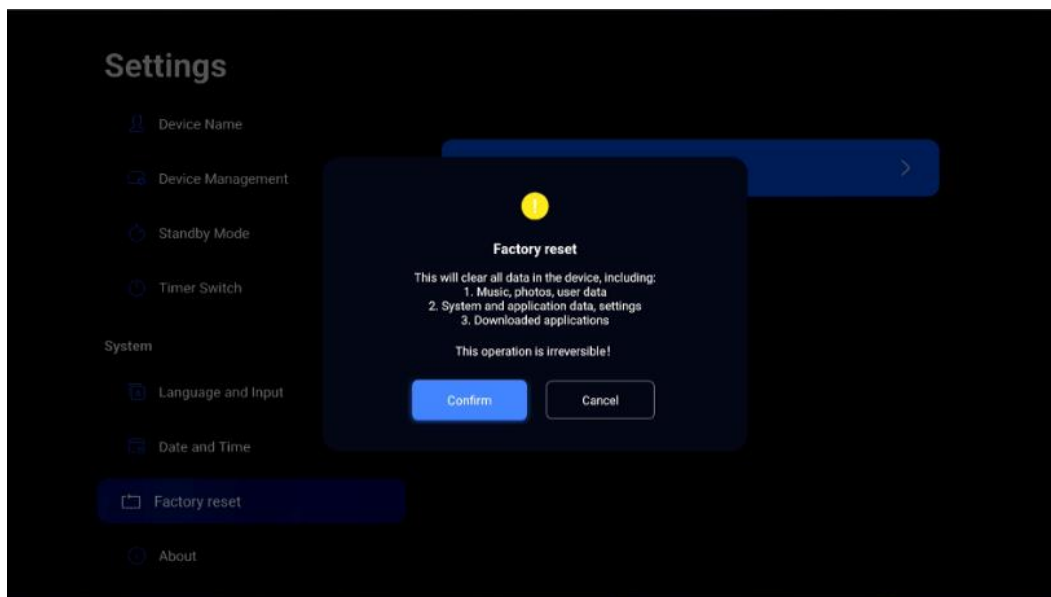


- (2) Date and time:
Customize the date and time format and select your preferred time zone



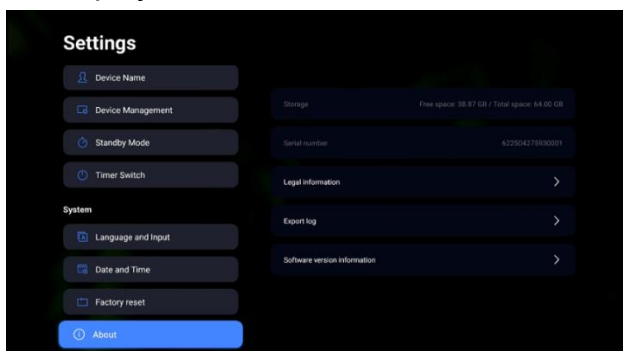
(3) Factory reset:

Start reset procedure to restore factory default settings

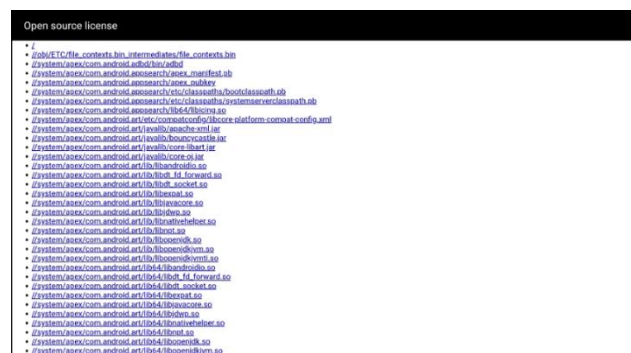
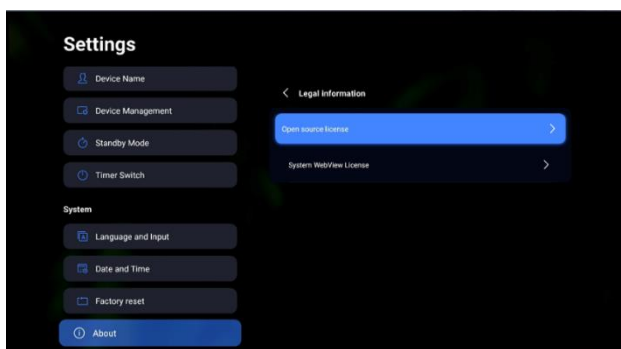


(4) About:

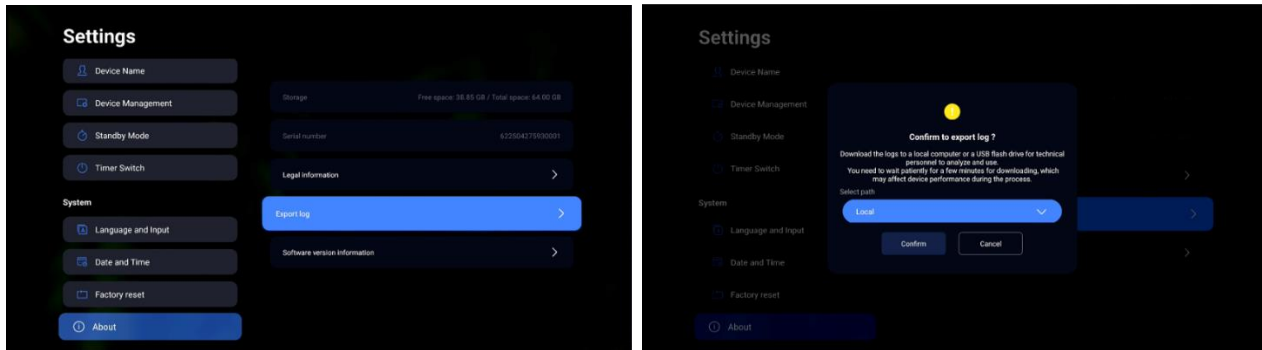
Display device related information



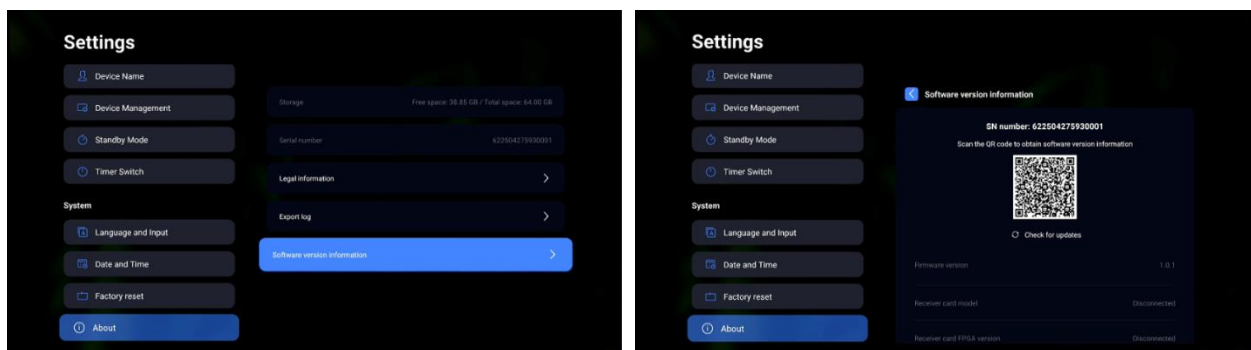
- Legal information (including Open Source licenses)



- Exporting device log (mainly for diagnostics purpose)

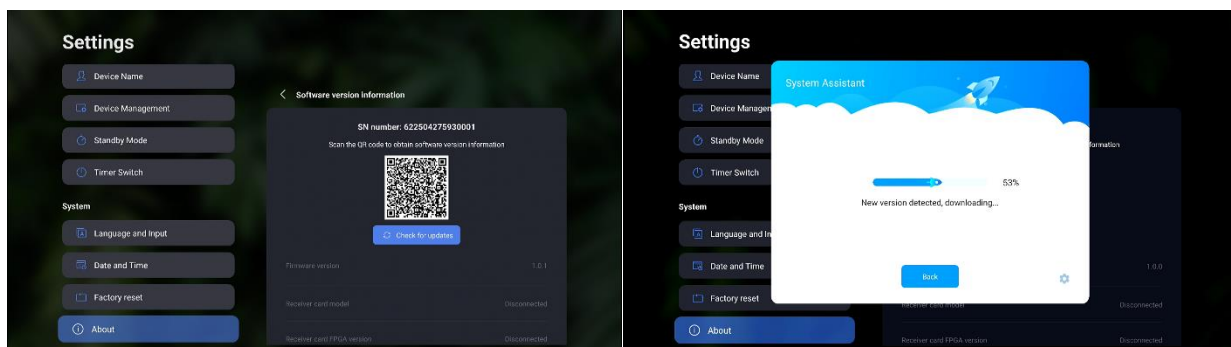


- Software version page, including firmware version information as well as the button to check for OTA (Over-The-Air) firmware updates.

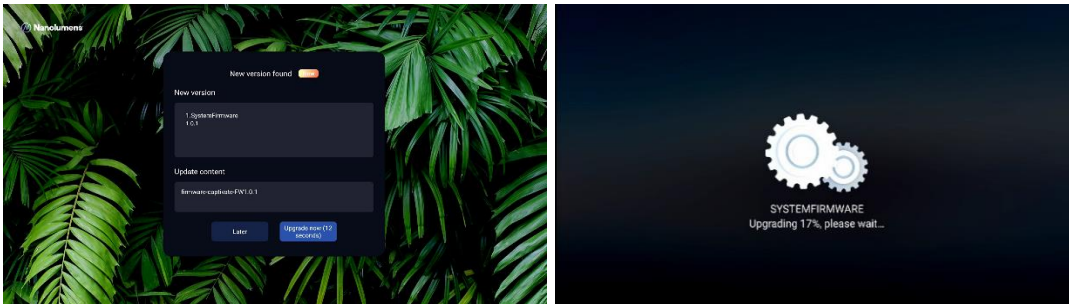


- OTA update can be triggered in the following ways
 - (1) Every time the AIO screen powers up, it will automatically check for OTA updates in the background;
 - (2) Every 24 hours after the previous OTA check, it will automatically check for the OTA updates in the background again.
 - (3) Users will manually “click on” the “Check for updates” button

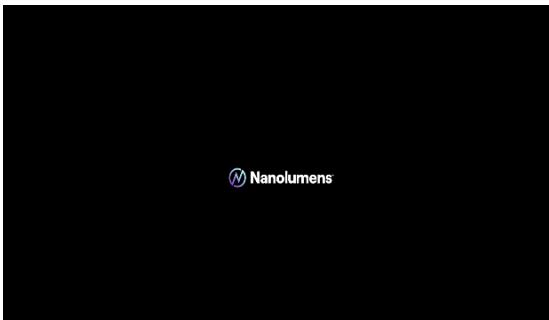
Clicking on the “Check for updates” button will bring up a dialog to show the download progress.



Once the OTA download is complete, you will be prompted to proceed with the update later or now. Clicking 'Update now' will initiate the firmware update process.



Upon successful completion of the update, the device will reboot automatically.



Special Statements

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Since the latest update from Nanolumens retains it,
the User Manual will also be retained for now.