ViewSonic®

VPC-A31-O1

Slot-in PC Module
User Guide

IMPORTANT: Please read this User Guide to obtain important information on installing and using your product in a safe manner, as well as registering your product for future service. Warranty information contained in this User Guide will describe your limited coverage from ViewSonic® Corporation, which is also found on our web site at http://www.viewsonic.com in English, or in specific languages using the Regional selection box of our website.

Model No. VS19699
P/N: VPC-A31-O1

Thank you for choosing ViewSonic®

As a world-leading provider of visual solutions, ViewSonic® is dedicated to exceeding the world's expectations for technological evolution, innovation, and simplicity. At ViewSonic®, we believe that our products have the potential to make a positive impact in the world, and we are confident that the ViewSonic® product you have chosen will serve you well.

Once again, thank you for choosing ViewSonic®!

Contents

Introduction 6

Package Contents 6

Product Overview 7

Initial Setup 9

Installing the VPC-A31-O1 9

Making Connections 11

Network Connection 11

USB Connection 11

Using the Device 12

Selecting an Input Source 12

IFP Series 12

CDE Series 13

IFPG1 Series 13

Initial Launch Setup 14

Home Screen (Launcher Scheme) 18

Toolbar 19

Toolbar Icons 20

Control and Notification Panel 21

Applications 22

Settings 23
Network & Internet 23
Connected Devices 24
Apps 25
Notifications 26
Storage 28
Sound 29
Display 30
Wallpaper 31
Accessibility 32
Security 34
Privacy 35
Location 37
Passwords & Accounts 38
Digital Wellbeing 39
Google 40
System 41
About Device 42
Tips & Support 43
ViewBoard Settings Menu Tree 44

Pre-installed Applications and Settings 71

myViewBoard Display 71
myViewBoard Manager 72
myViewBoard Whiteboard 73
vCast 76
Display Group Settings 78
Synchronized Group Screen All the Time 80
Share a Screen to the Display Group (One to Many Casting) 80
Moderator Mode 81
Broadcast 82
Multiple Screen Sharing 82
Preview Screen 82
Touch 82
Casting from Windows, MacBook, and Chrome Devices 83
Casting from Android Devices 85
Casting from Apple iOS Devices 88
Connecting to a ViewBoard from a Mobile Device 91
Casting with Chromecast 92
Casting with Miracast 94

Appendix 96

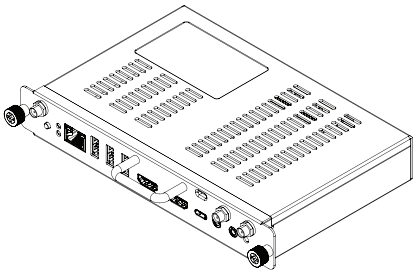
Specifications 96

Regulatory and Service Information 98

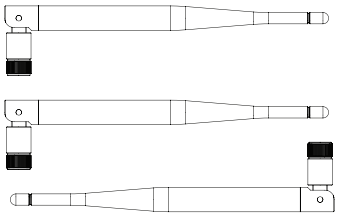
Compliance Information 98
FCC Compliance Statement 98
FCC Radiation Exposure Statement 98
Industry Canada Statement 99
Restrictions in the 5 GHz Band 99
Restrictions Dans la Bande de 5 GHz 99
Antenna Info 100
Country Code Statement 100
IC Radiation Exposure Statement 100
CE Conformity for European Countries 101
Para su uso en México 101
Declaration of RoHS2 Compliance 102
Indian Restriction of Hazardous Substances 103
Product Disposal at End of Product Life 103
Copyright Information 104
Customer Service 105

Introduction

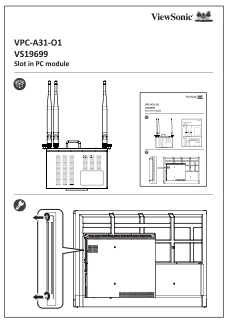
Package Contents



VPC-A31-O1
(with screw x 2)



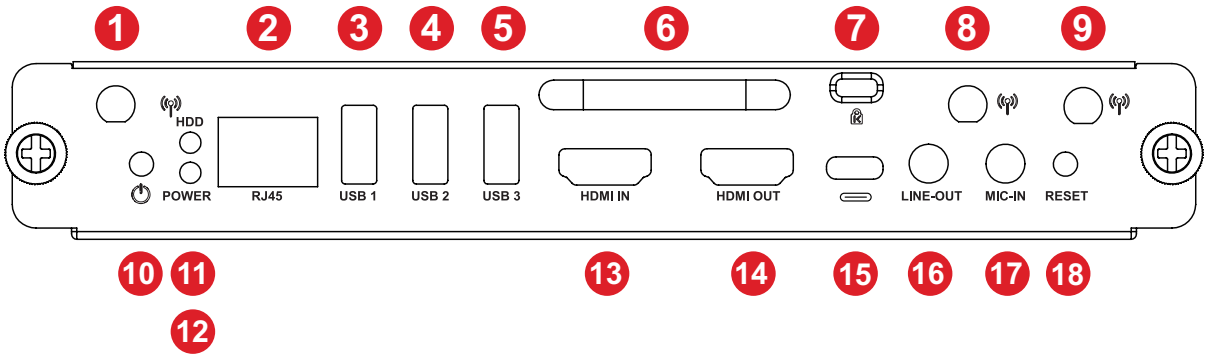
Antenna x 3



Quick Start Guide

NOTE: If anything is missing or damaged, please contact your local reseller for more information.

Product Overview



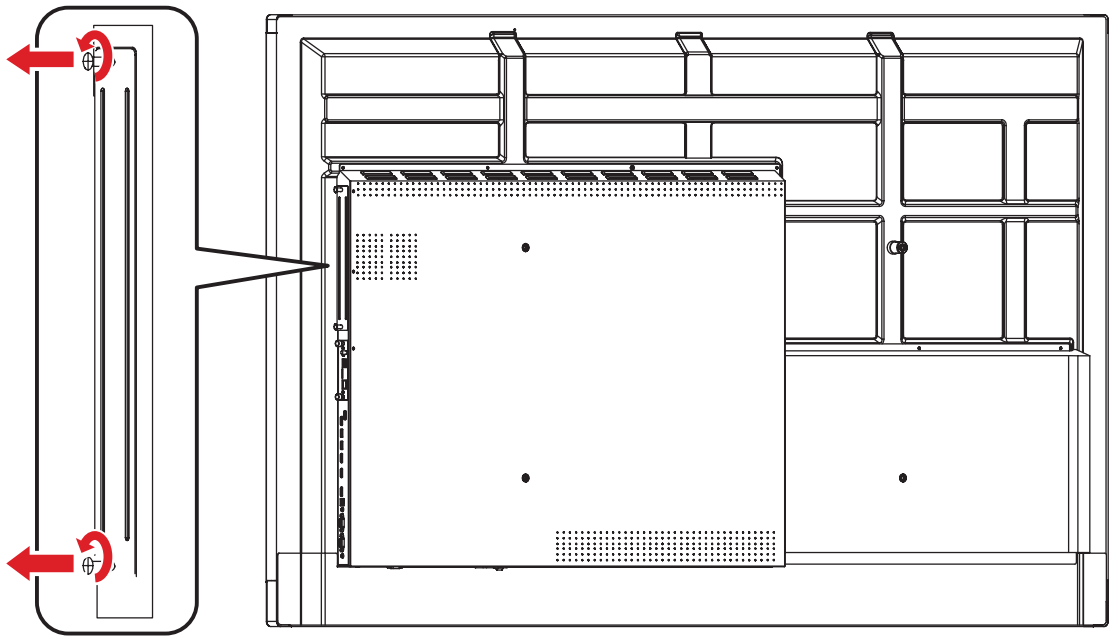
Number	Item	Description
1	**Antenna**	Wi-Fi antenna interface
2	**RJ45**	Standard RJ45 (10M/100M/1G) internet connection port **NOTE:** This network port is only used for PC.
3	**USB 1**	USB 3.0 port
4	**USB 2**	USB 3.0 port
5	**USB 3**	USB 3.0 port
6		Handle
7		Security lock
8	**Antenna**	2.4G antenna interface
9	**Antenna**	Wi-Fi antenna interface
10		Power button
11	**Status LED**	Status indicator light (Green) **Mode** / **Description** **Off** – Indicator light is off **On** – Green indicator light is always on
12	**Power LED**	Power indicator light (Red) **Mode** / **Description** **Off** – Indicator light is off **On** – Red indicator light is flashing
13	**HDMI IN**	HDMI input. Connect to a PC or other device with HDMI output.
14	**HDMI OUT**	Extend content out to another display device.
15		USB Type C input (Data only; 5V/0.9A charging)
16	**LINE-OUT**	Audio out for connected headphones or speakers.
17	**MIC-IN**	Microphone connection

Number	Item	Description
18	**RESET**	Press and hold for six seconds when the VPC-A31-O1 is powering on to restore factory settings. **NOTE:** After resetting, the VPC-A31-O1 will return to the initial launch setup when turned on. For more information about the setup process, see page 14.

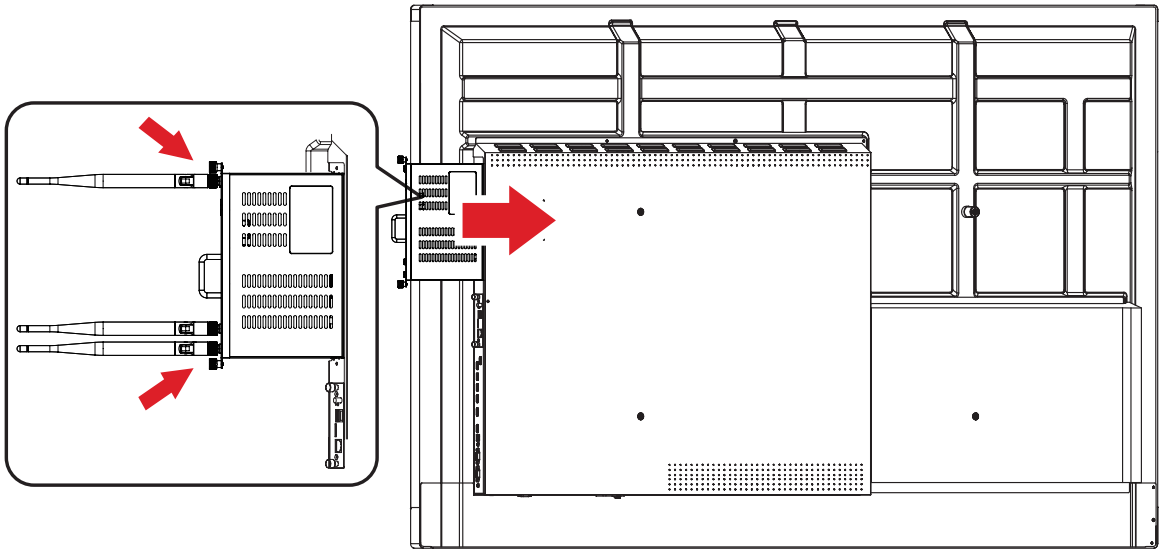
Initial Setup

Installing the VPC-A31-O1

1. Remove the slot-in PC cover of the display.



2. Using the handle of the VPC-A31-O1, carefully insert it into the PC slot of the display.



NOTE:

- Ensure the handle and vents of the VPC-A31-01 are facing outwards (see *Figure 1* on page 10).
- The right installation direction is to avoid damage to the OPS terminal and maintain proper ventilation.

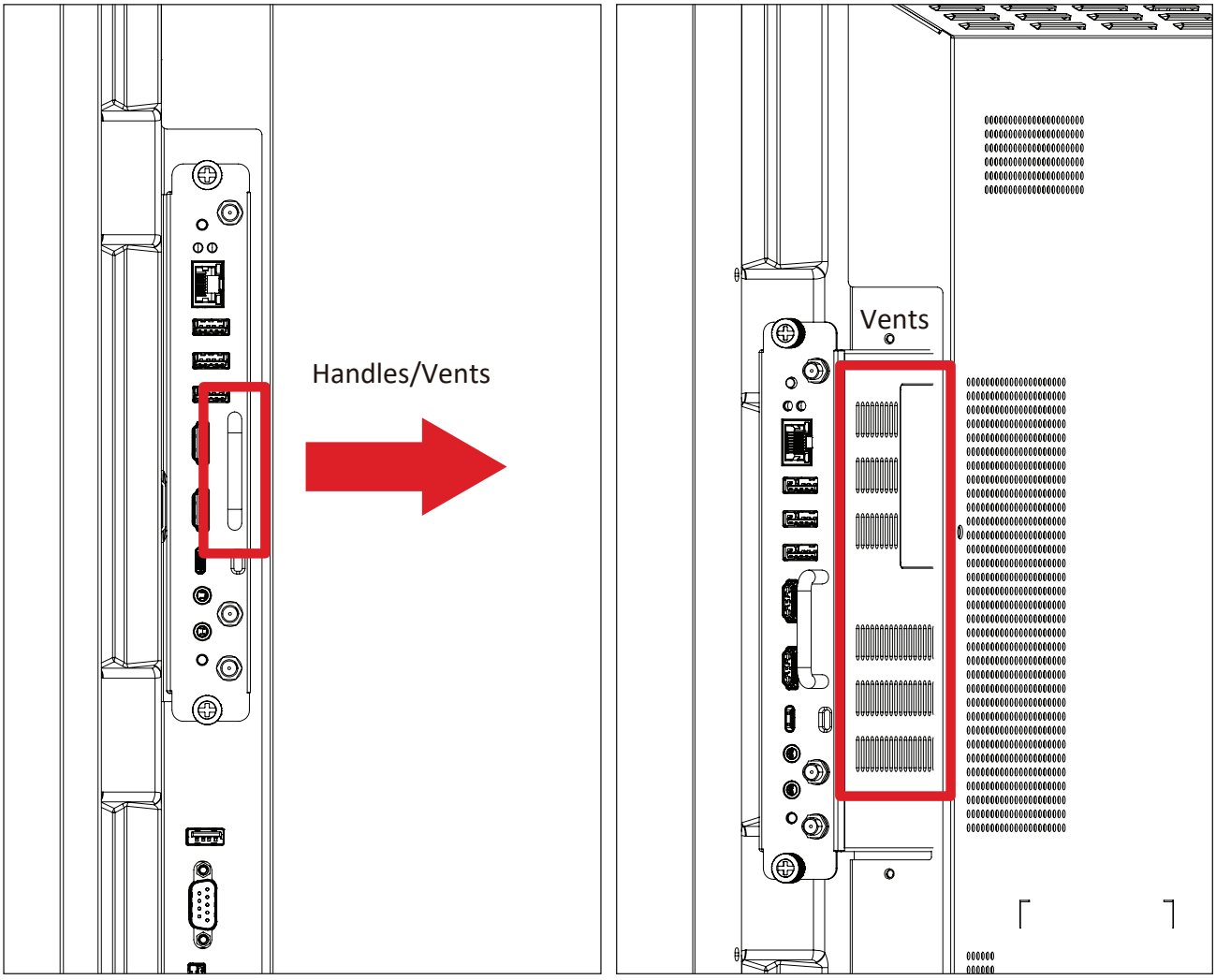


Figure 1

3. Secure the VPC-A31-O1 to the display with the two included screws.

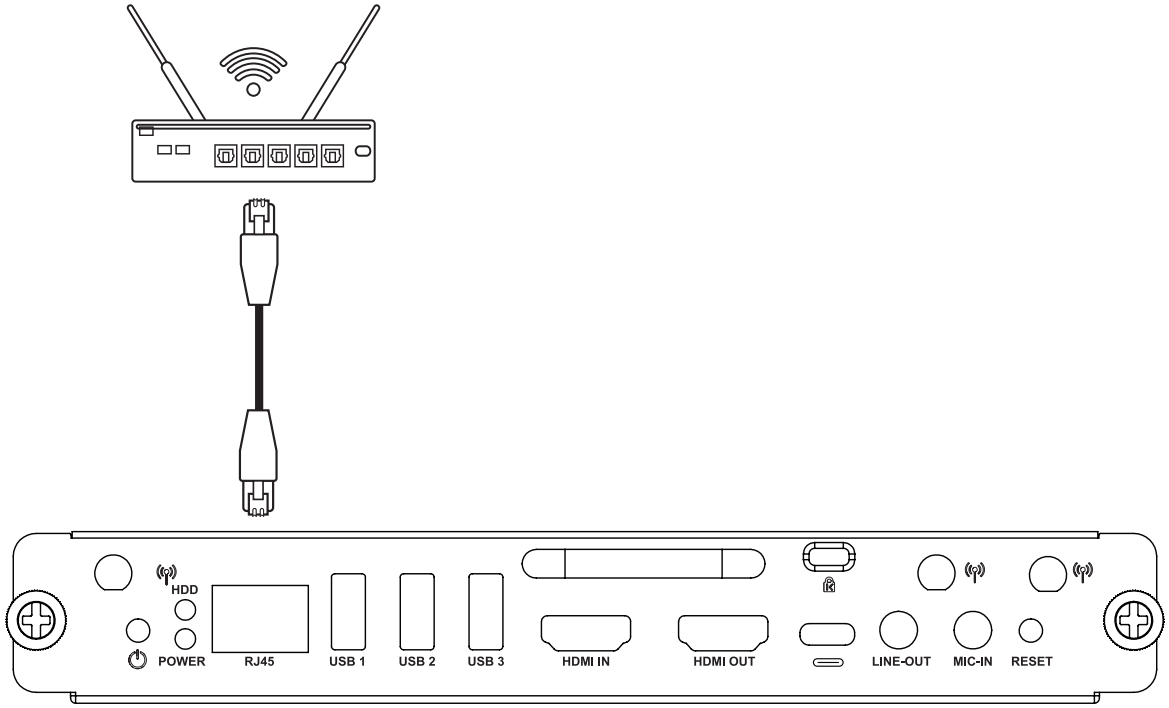
NOTE:

- Please note that the three antennas must be installed on the VPC-A31-O1.
- Please pay attention to the installation direction of the VPC-A31-O1, with the vents facing outwards to avoid damage.
- The VPC-A31-O1 does not support hot swapping. When removing the device, turn off the power supply for both the display and VPC-A31-O1 first.

Making Connections

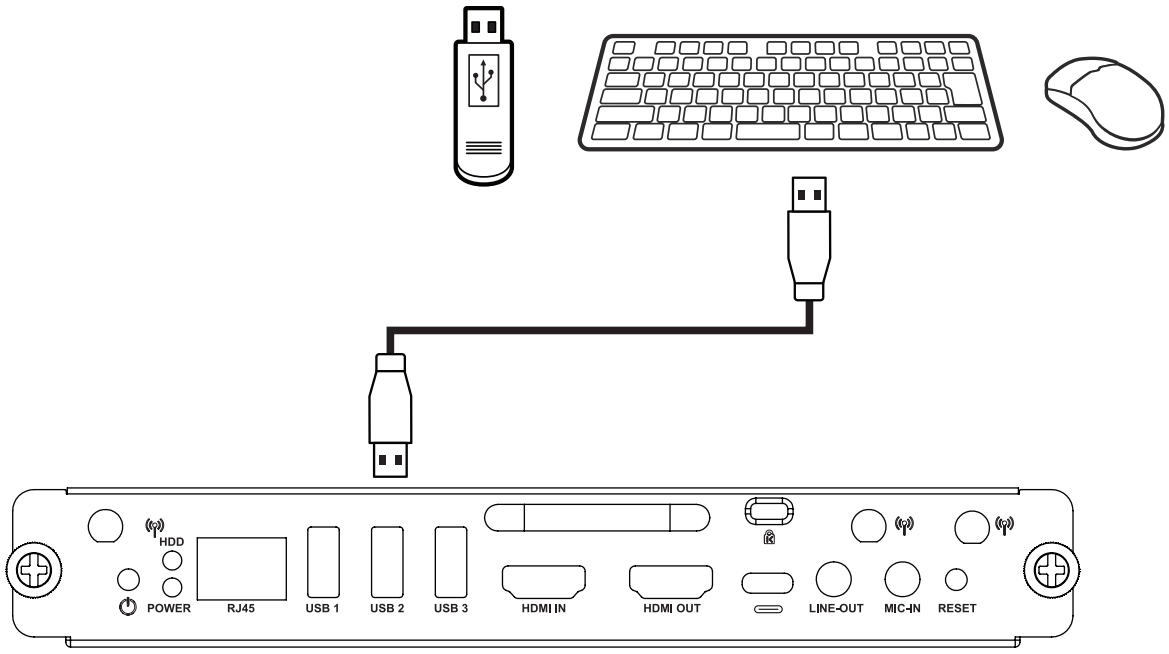
Network Connection

To connect to the Internet or a network, connect one end of a RJ45 cable to the **RJ45** port of the VPC-A31-O1, then connect the other end to your network.



USB Connection

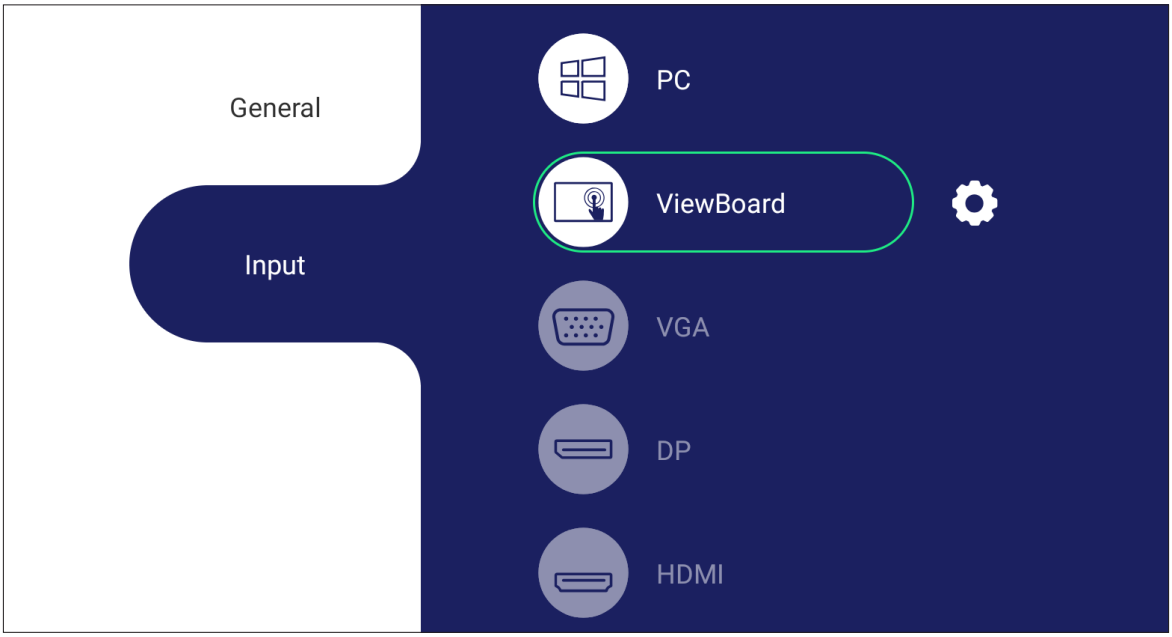
USB peripherals such as keyboards, mice, storage devices, etc. can be connected to the VPC-A31-O1's **USB 1**, **USB 2**, or **USB 3** port.



Using the Device

Selecting an Input Source

IFP Series



To select an input source:

1. Press **INPUT/** on the remote control, press the setting button on the front panel, or press the Settings icon from the toolbar to display the Input Settings menu.
2. Press ▼/▲/◄/► on the remote control to select the PC source.
3. Press **OK/ENTER** on the remote control, or touch the input source directly.
4. Press **EPG/BACK/** on the remote control, or touch a blank area outside of the menu to exit.

NOTE: The above image is for reference only and is subject to change without notice.

CDE Series



To select an input source:

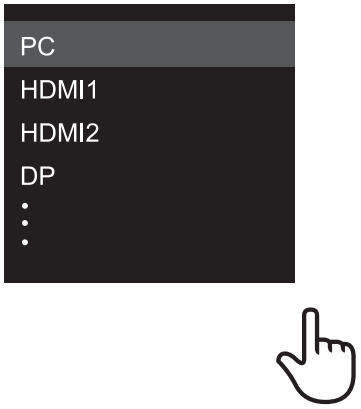
1. Press **INPUT/** on the remote control.

2. Press **▼/▲** on the remote control to select the PC source.

3. Press **OK/ENTER** on the remote control.

4. Press **EPG/BACK/** on the remote control to exit.

NOTE: The above image is for reference only and is subject to change without notice.



IFPG1 Series

To select an input source:

1. Press **INPUT/** on the front panel.

2. In the OSD Menu, touch **INPUT**.

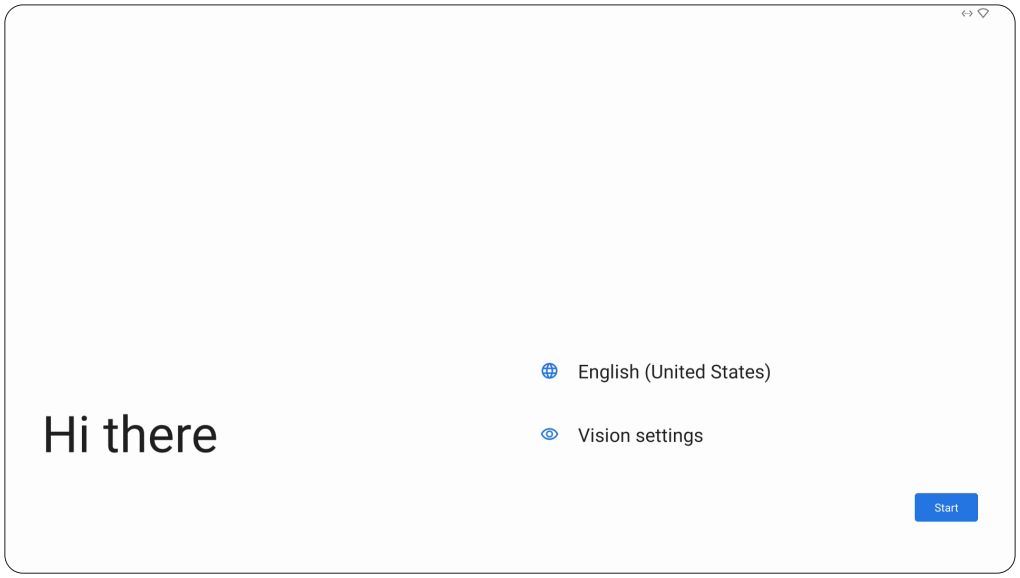
3. Touch the PC input source directly.

4. Touch a blank area outside of the menu to exit.

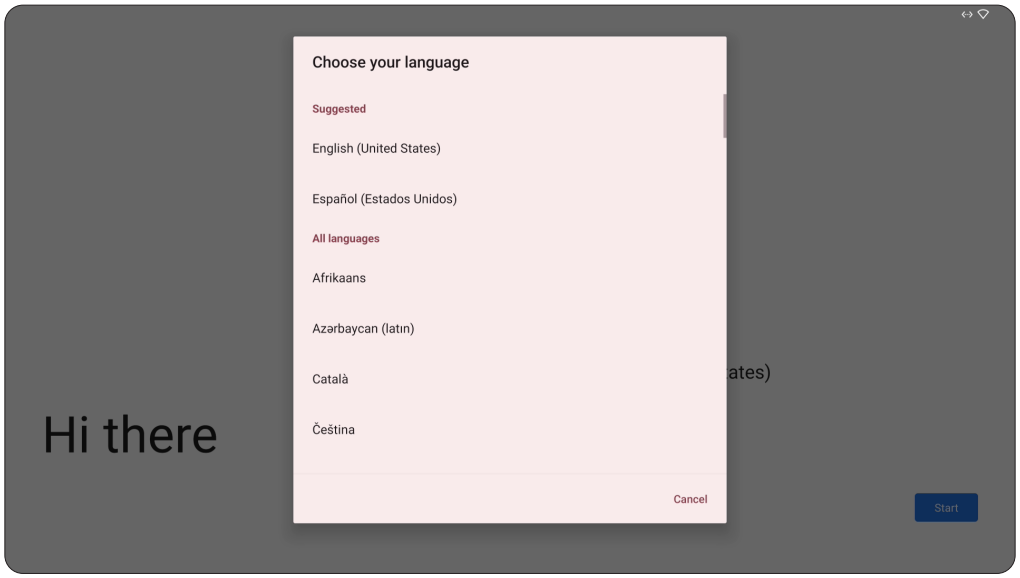
NOTE: The above image is for reference only and is subject to change without notice.

Initial Launch Setup

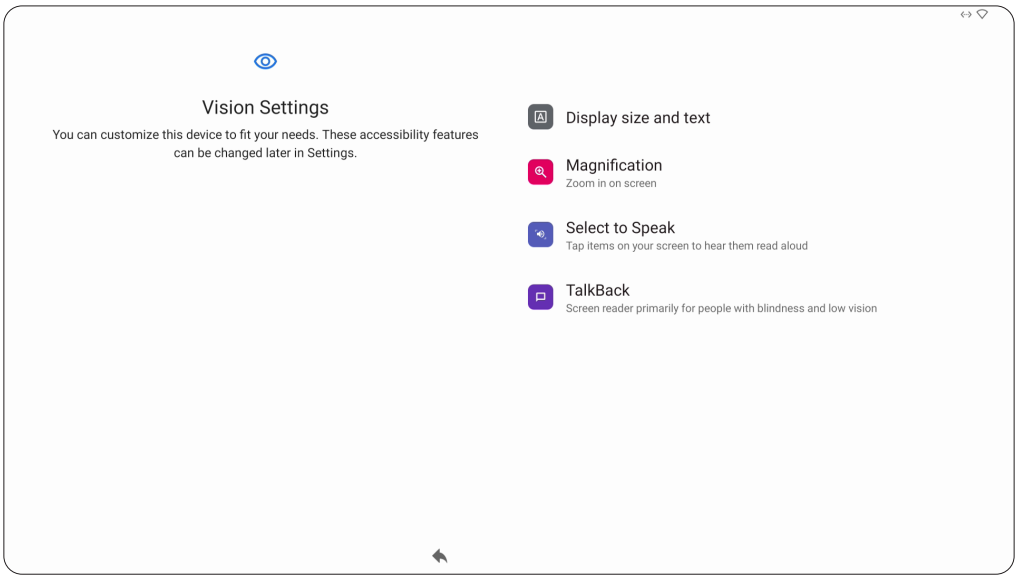
When you first turn on your display, an initial setup wizard will launch.



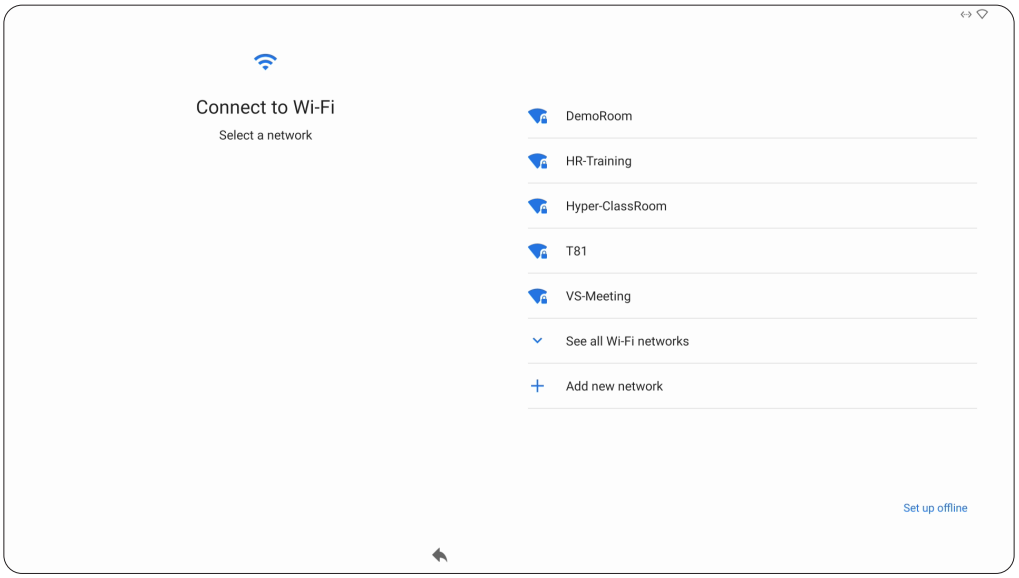
1. Choose your preferred Language.



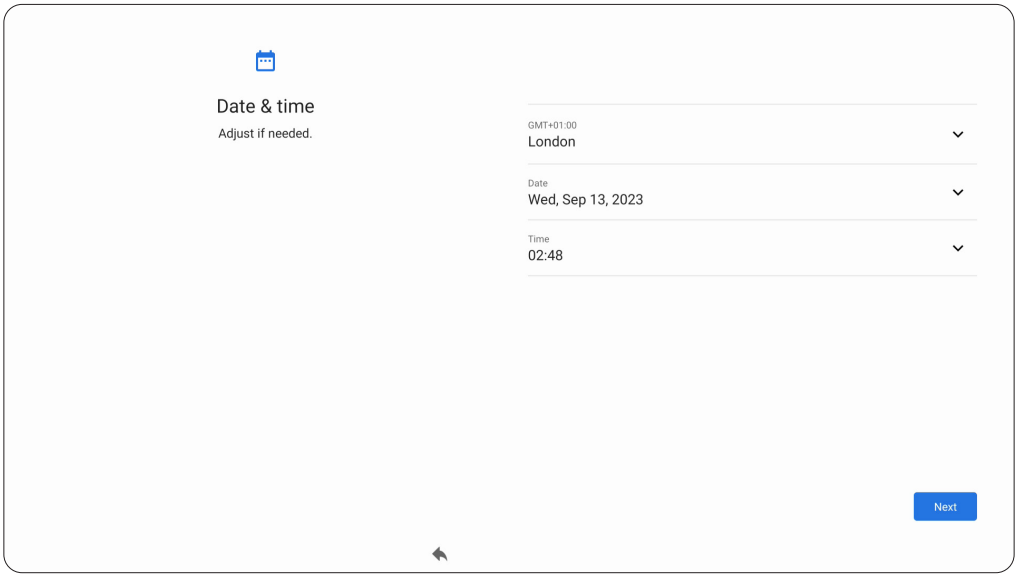
2. Adjust accessibility features as needed.



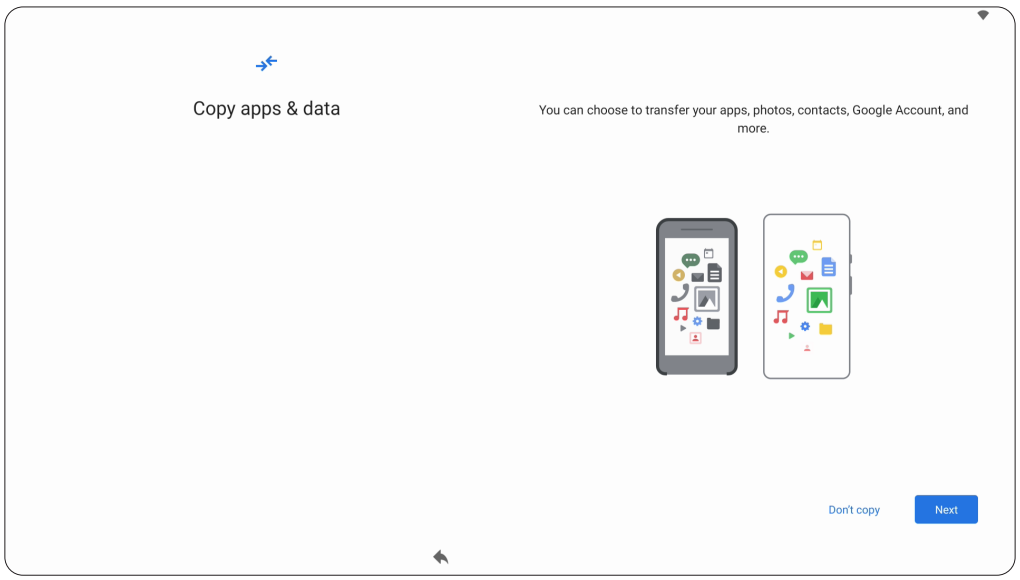
3. Setup and connect to a network.



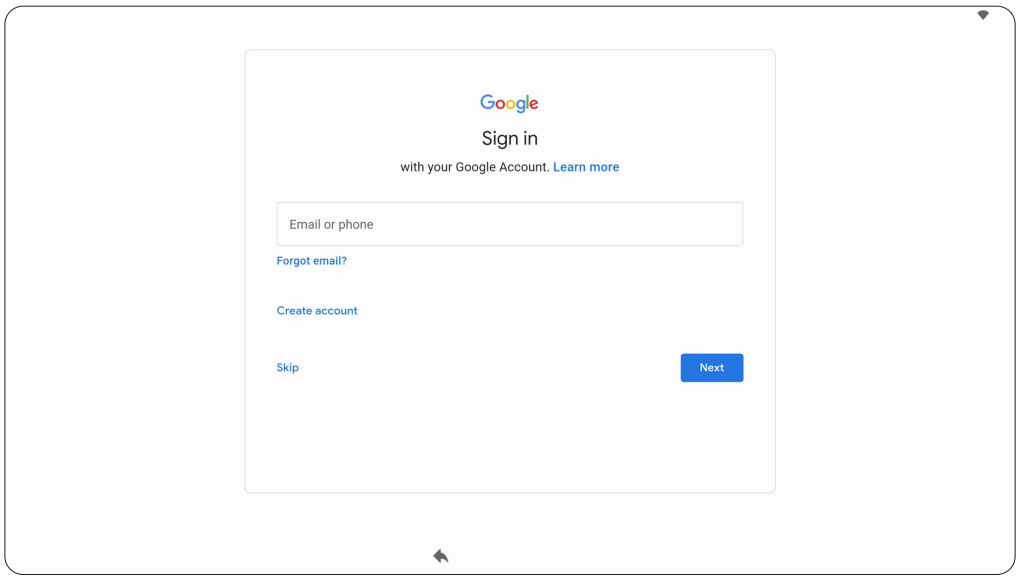
4. Set and adjust the Date and Time as needed.



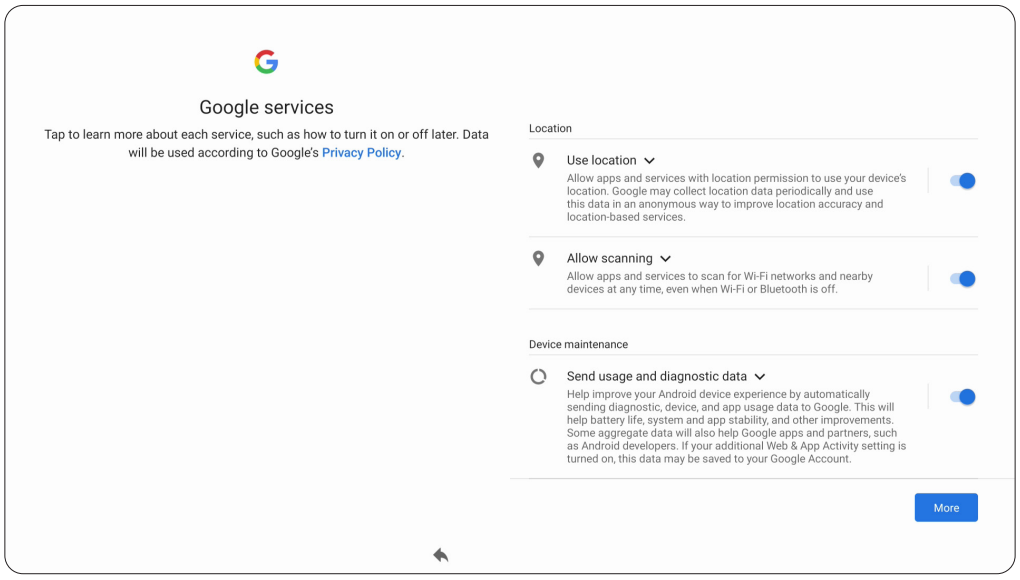
5. Copy your applications and data from another device to the display or select **Don’t copy** to continue without copying anything.



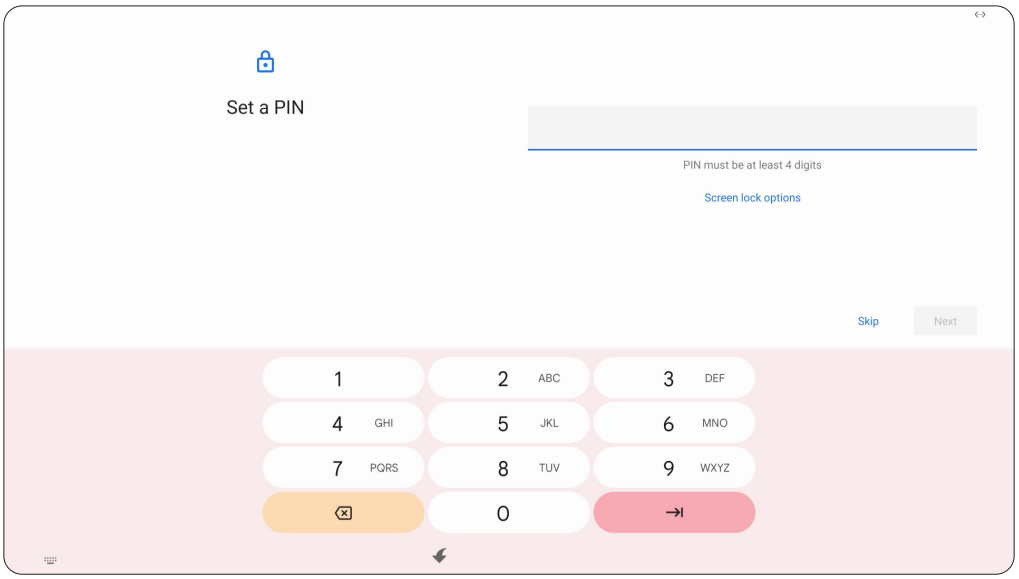
6. Sign in with a Google account, or select **Skip** to continue without signing in.



7. Accept or decline the Google services.

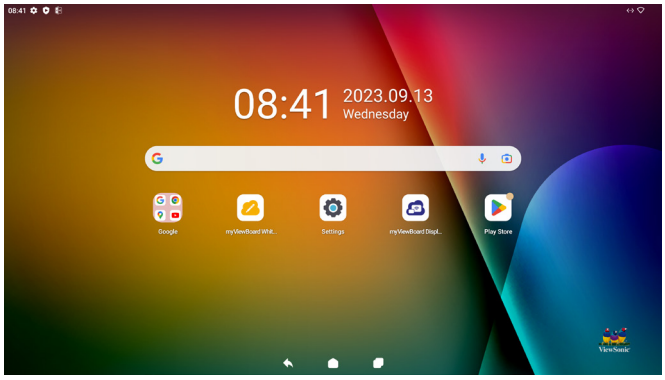


8. Set a PIN to setup a Screen lock, or select **Skip** to continue without setting one.

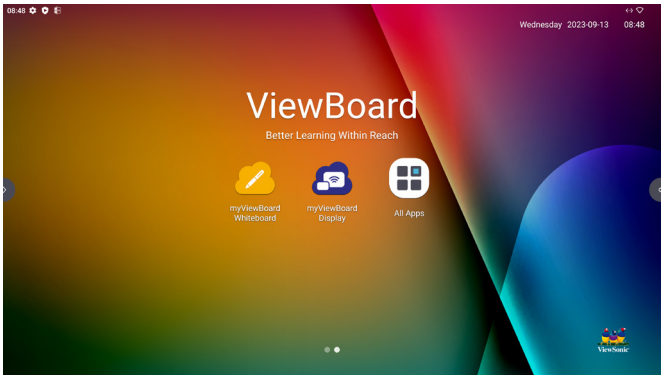


Home Screen (Launcher Scheme)

The VPC-A31-O1's Home Screen layout can be customized by selecting from **Scheme A** and **Scheme B**.



Scheme A

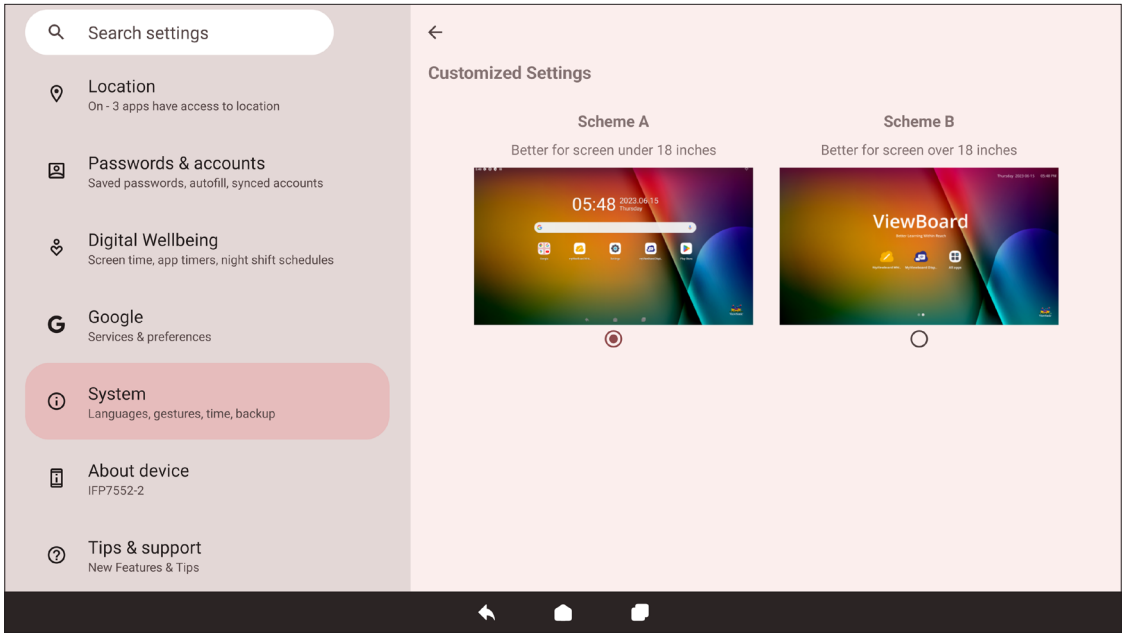


Scheme B

To change the scheme:

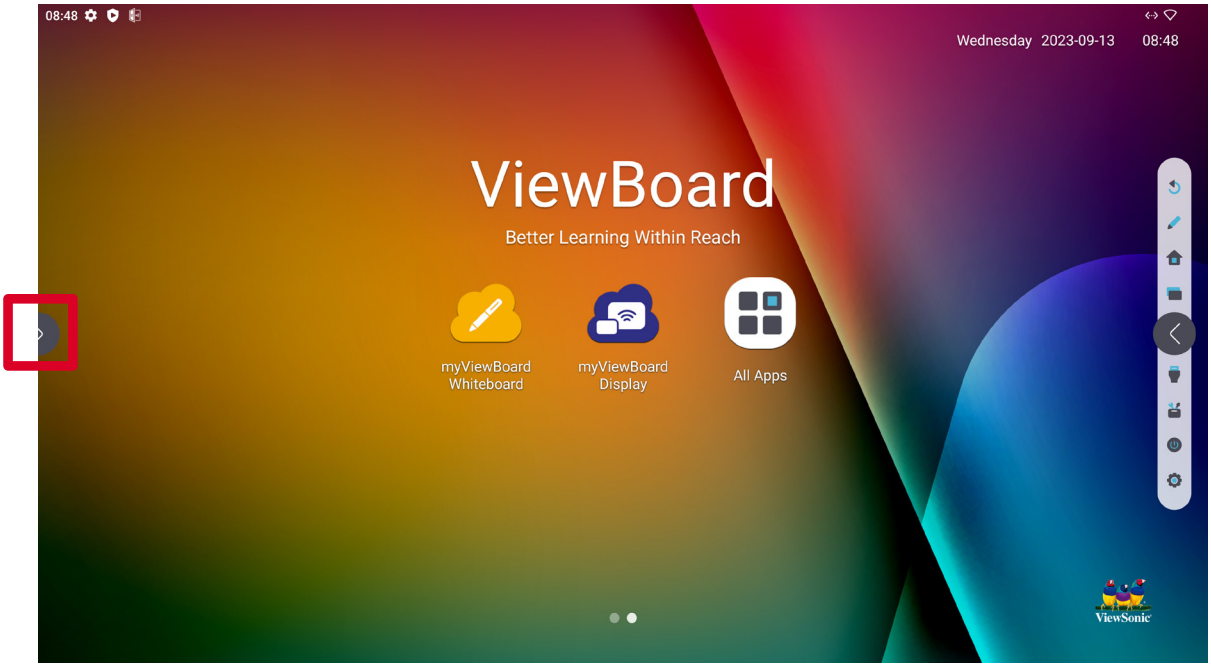
1. Go to: **Settings** > **System** > **Launcher Scheme**.

2. Select either **Scheme A** or **Scheme B**.

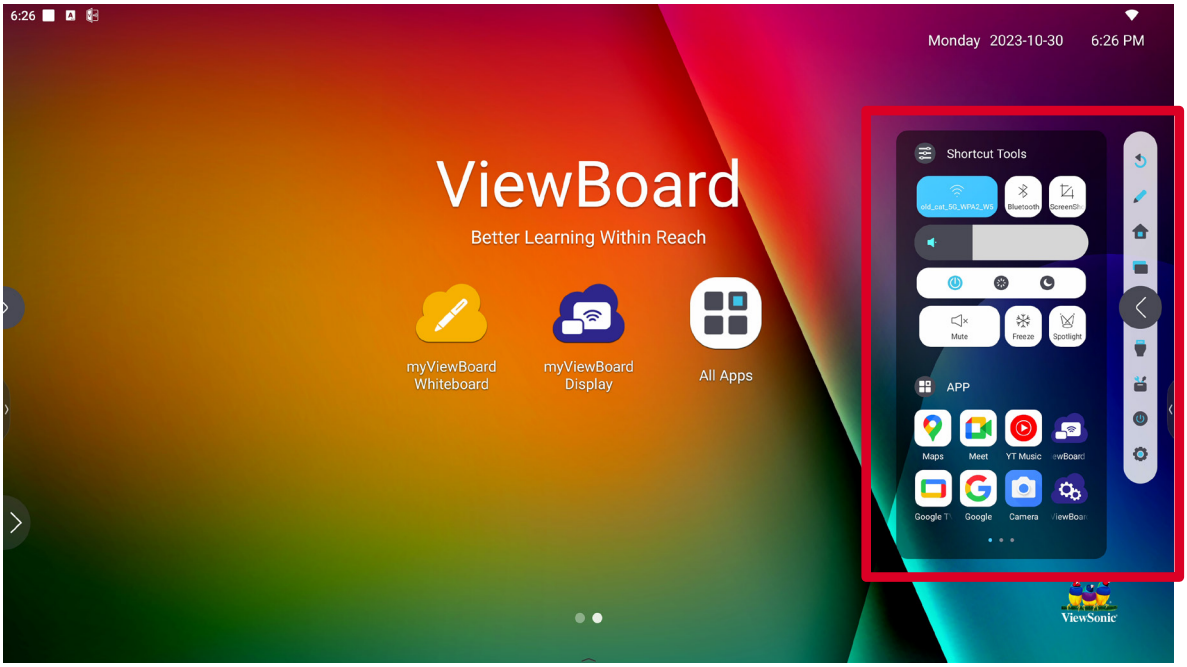


Toolbar

The Toolbar is where applications and tools can be found. Trigger icons are on the edge of the screen for quick access.

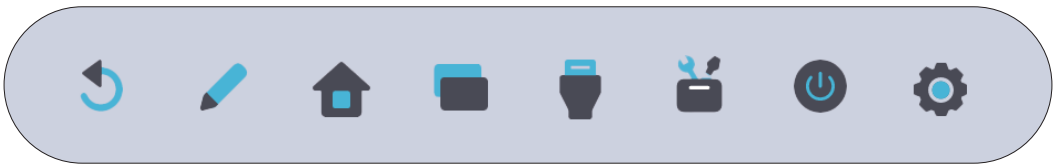


To launch an application or tool:

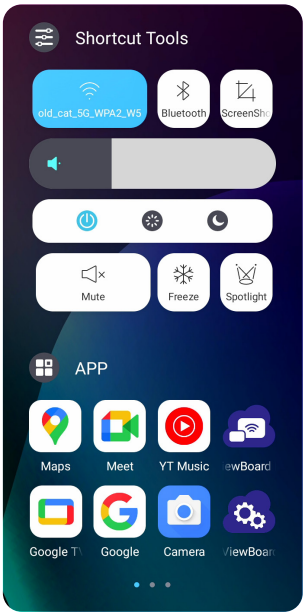


1. Select a Toolbar trigger icon.

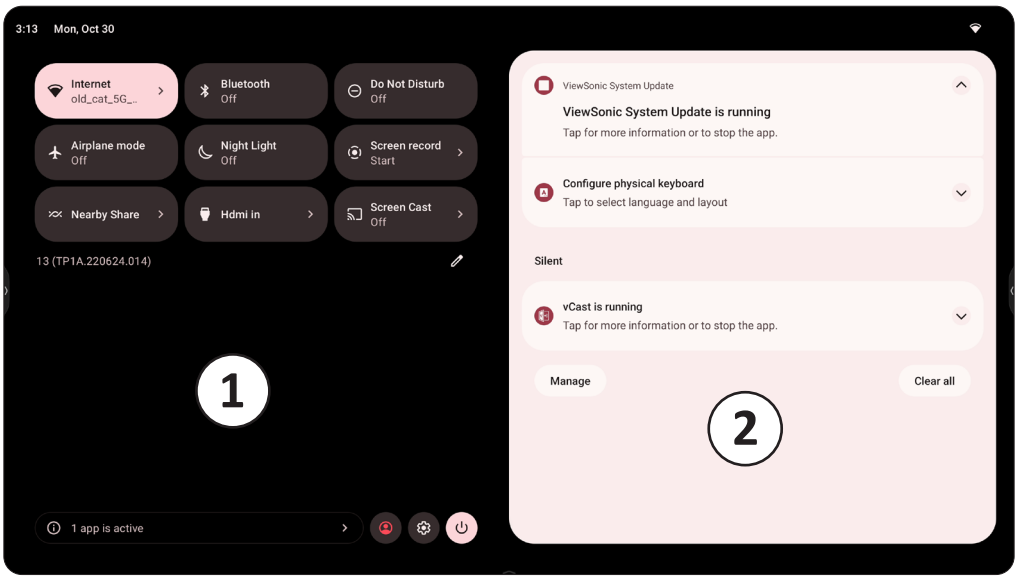
2. Select the application or tool.

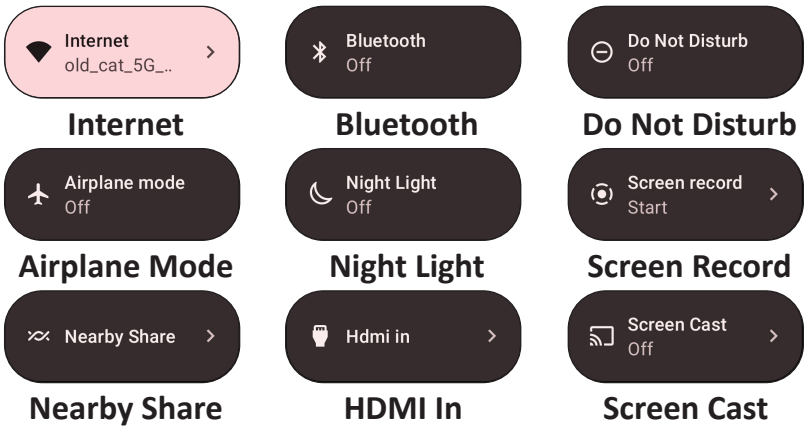
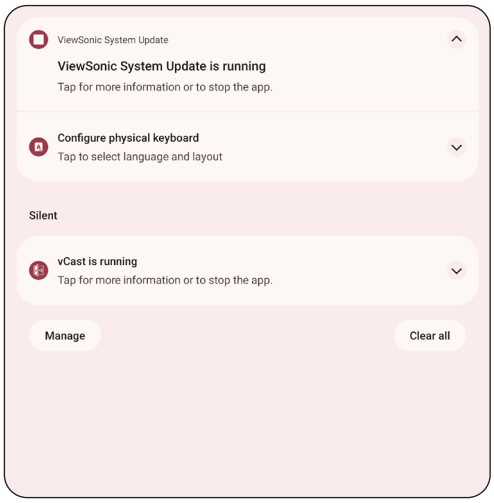


Toolbar Icons

Icon	Description
Return	Return to the previous operation screen. **NOTE:** Only for the ViewBoard OS source.
Pen	Annotate the overlay of any input source with a pen or brush.
Home	Return to the Home Screen of the ViewBoard OS source.
Recent	Display all embedded applications that are currently open.
Input Source	Switch to the HDMI In source.
Shortcut Tools	Quickly view and adjust various frequently used tools, settings, and applications. 
Power	Access power options and settings.
Settings	Access the System Settings.

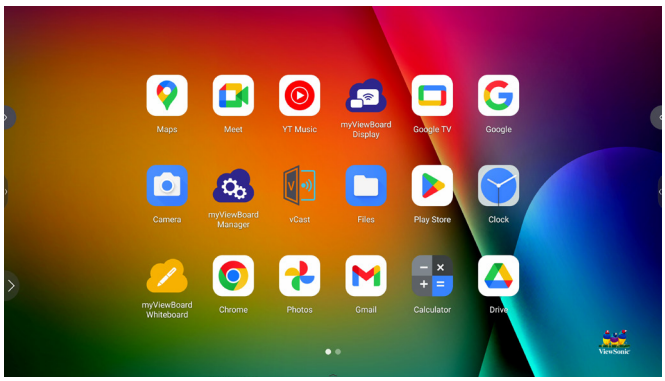
Control and Notification Panel

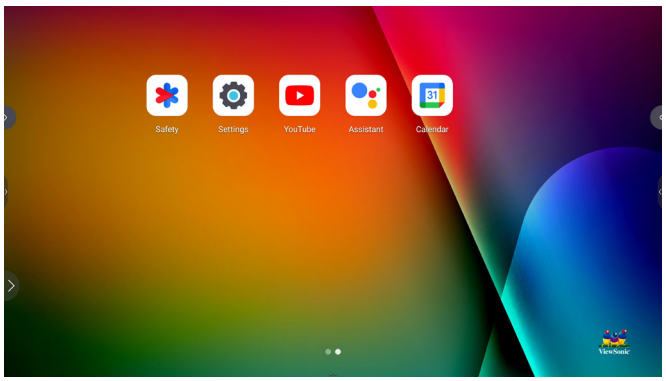


Item		Description
1	Control Panel	Access frequently used settings and tools. 
2	Notification Panel	Receive and manage system and application notifications. 

Applications

Much like any smart phone or tablet you can install several different applications from the installed Google Play Store.





Applications can be accessed from the Toolbar, directly from the Home Screen via shortcuts, or by selecting the **All Apps** icon ( ).

NOTE: The following included application descriptions are not a comprehensive list and will vary by the user.

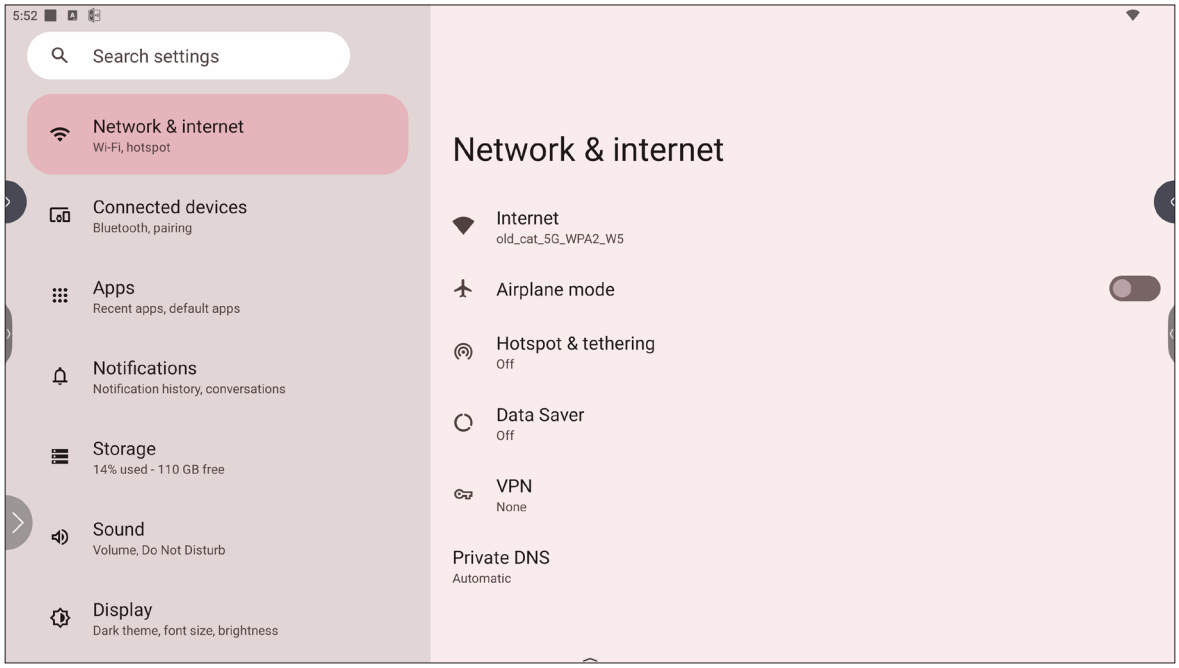
Icon	Description
	myViewBoard Display Wirelessly mirror screens to a larger display.
	myViewBoard Manager Remotely manage multiple installations of ViewSonic devices.
	myViewBoard Whiteboard A digital whiteboarding application.
	Settings Access the System Settings.
	vCast Working with ViewBoard Cast software, receive vCastSender laptop screens (Windows/Mac/Chrome) and mobile (iOS/Android) users' screens, photos, videos, annotations, and camera(s).

Settings

Select the setting icon (⚙) to enter the **Settings** menu.

Network & Internet

Check current connection status, set up and manage Wi-Fi, Ethernet, VPN, and wireless Hotspot.



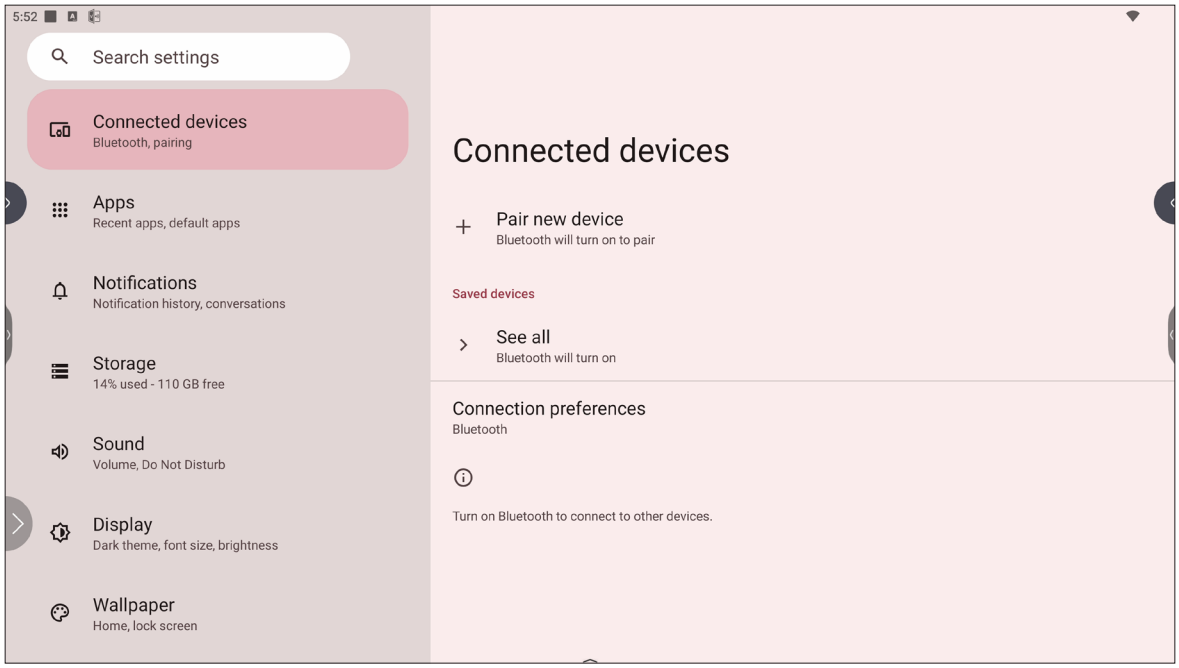
Item	Description
Internet	Set up and manage Ethernet and Wi-Fi connection, as well as Network preferences.
Airplane Mode	When enabled, all wireless communication will be turned off.
Hotspot & Tethering	Set and share your internet connection with other devices.
Data Saver	When enabled, most apps and services will get background data via an internet connection. Active apps will not be affected.
VPN	Set up and manage Virtual Private Networks.
Private DNS	Maintain an Automatic Private DNS or set one up manually for security and privacy.

NOTE:

- Ethernet will take priority when both Ethernet and Wi-Fi are enabled.
- The device can connect to the Internet when Hotspot is enabled.

Connected Devices

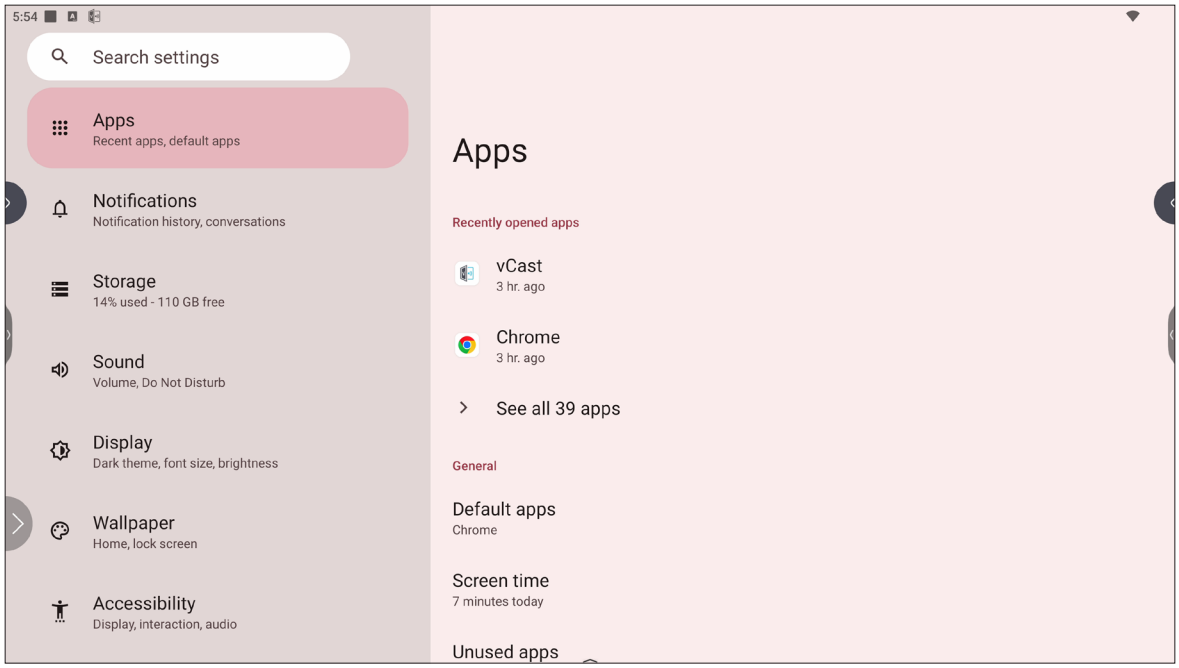
Set up and manage Bluetooth connections, saved devices, and connection preferences for Bluetooth, Casting, and Print Services.



Item	Description
Pair New Device	Enable Bluetooth to search for and connect to a Bluetooth device.
Saved Devices	View all previously connected Bluetooth devices. **NOTE:** Bluetooth will turn on.
Connection Preferences	View Bluetooth, Cast, and Print Service preferences and share files with nearby devices.

Apps

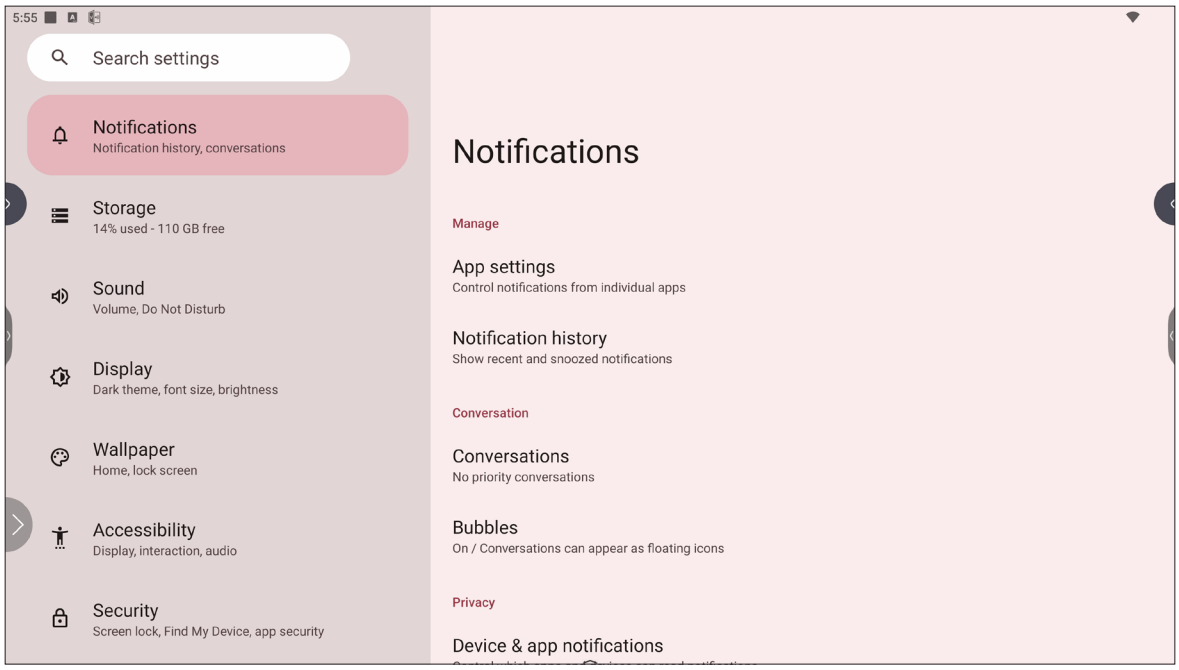
View any running or installed applications. Tap on them for more detailed information and options.



Item	Description
Recently Opened Apps	Any recently used applications will be listed here.
Default Apps	Set default applications for certain uses (e.g., default browser application).
Screen Time	Displays the total amount of time the ViewBoard has been in use by the day.
Unused Apps	Applications that have not been used for a certain period of time will be listed here.
Special App Access	Set several access permissions for applications.

Notifications

Manage notification and conversation settings and preferences.

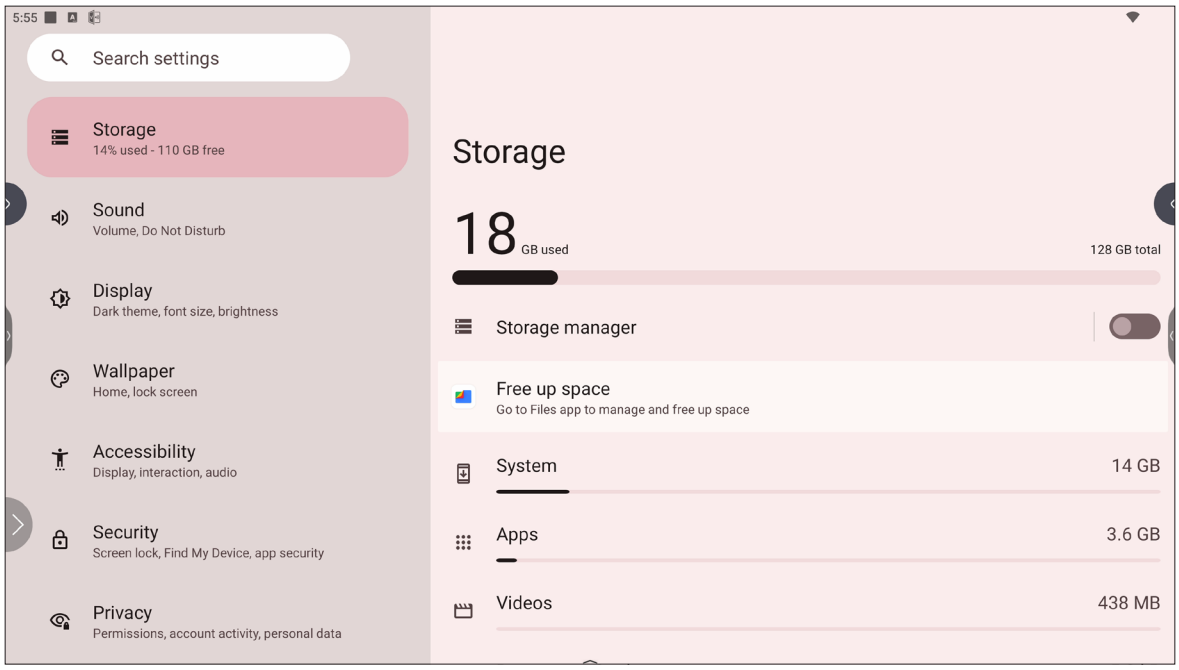


Item	Description
App Settings	Set up notification settings for individual applications.
Notification History	View recent notifications.
Conversations	Set previously received notifications or messages as priority.
Bubbles	When enabled, conversations can appear as a floating icon on screen.
Device & App Notifications	Control which applications and devices can read notifications.
Notifications on Lock Screen	Choose to show all, some, or no conversations or notifications on the lock screen.
Do Not Disturb	Set notification preferences for when “Do Not Disturb” mode is turned on.
Wireless Emergency Alerts	Choose to receive or not receive Emergency Alerts.
Hide Silent Notifications in Status Bar	When enabled, notifications that have been “silenced” will no longer appear in the status bar area.
Allow Notification Snoozing	When enabled, notifications can be “snoozed” for a short period of time for applications.

Item	Description
Notification Dot on App Icon	When enabled, a small dot will appear on the application icon when there is a new notification available.
Enhanced Notifications	When enabled, receive suggestions for actions, replies, etc.

Storage

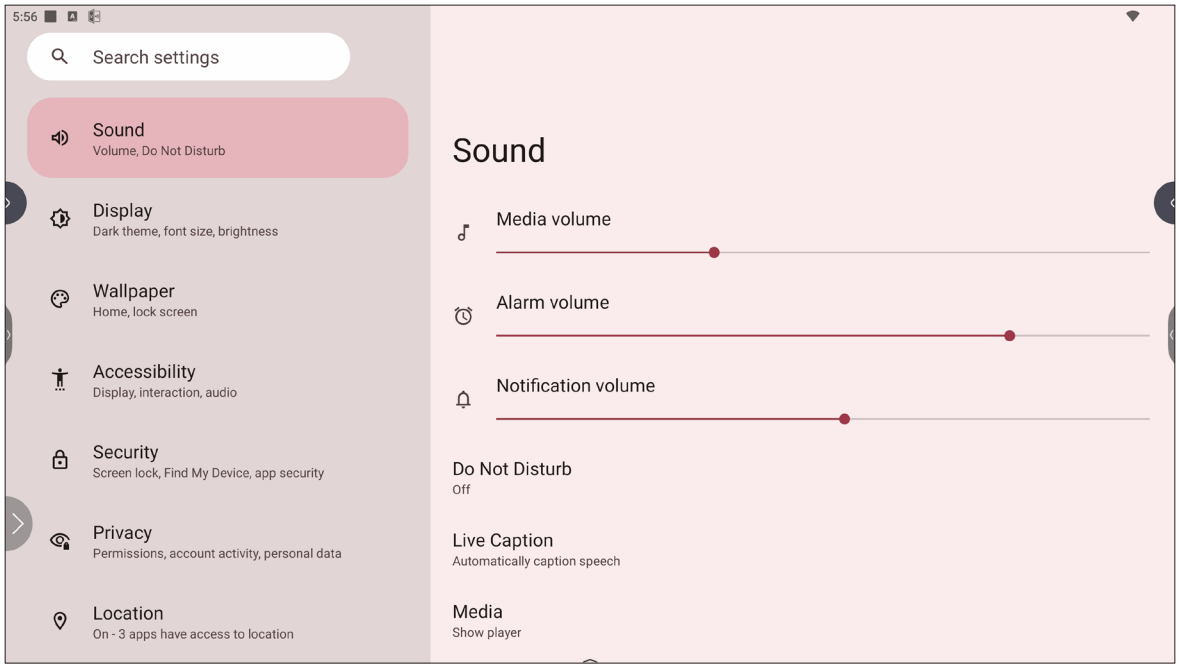
Check the storage status of the ViewBoard.



Item	Description
Storage Manager	When enabled, the storage manager will remove backed up photos and videos.
System	View the total storage space of system files.
Apps	View and manage the storage space used by applications.
Videos	View and manage the Video folder.
Images	View and manage the Images folder.
Documents & Other	View and manage the Documents folder.
Trash	View and manage files that have been moved to the Trash.
Games	View and manage the storage space used by gaming applications.
Audio	View and manage the Audio folder.

Sound

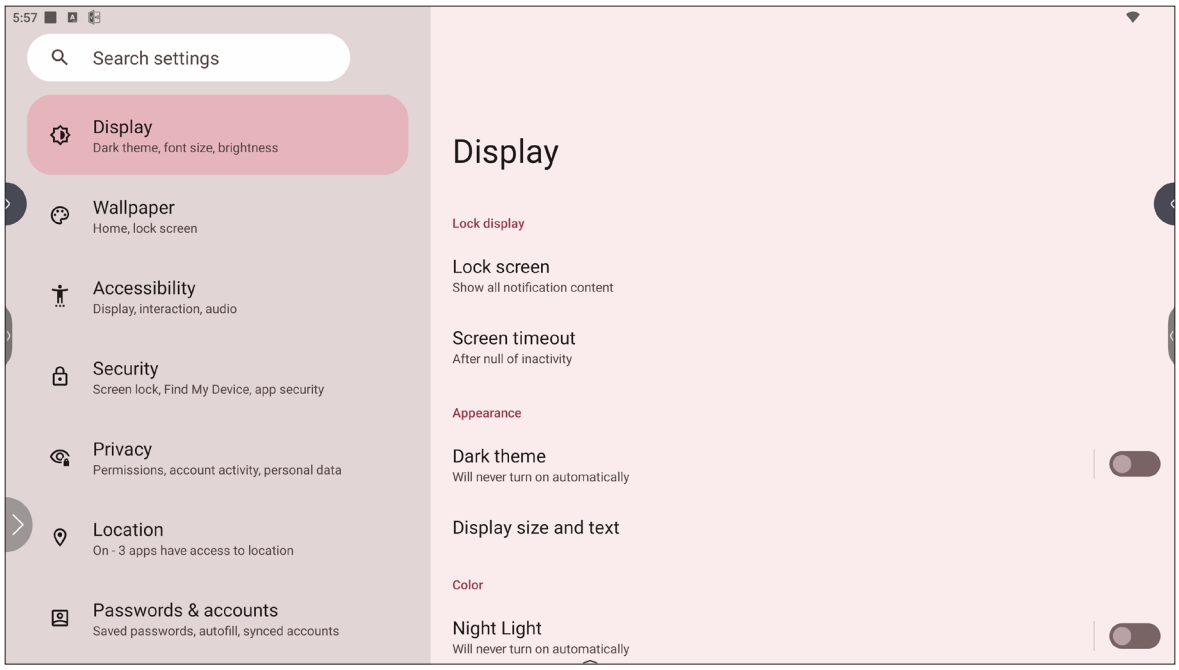
Adjust the volume level and set up various sound preferences.



Item	Description
Sound	Adjust the volume level.
Do Not Disturb	Set sound preferences for when “Do Not Disturb” mode is turned on.
Live Caption	When enabled, automatically caption
Media	Set the media player preferences.
Default Notification Sound	Choose the default sound effect for notifications.
Default Alarm Sound	Choose the default sound for alarms.
Screen Locking Sound	When enabled, a sound effect will play when the ViewBoard’s screen is locked.
Touch Sounds	When enabled, a sound effect will play every time a touch input is received.
Sound Enhancement	Set the volume booster for speaker on.

Display

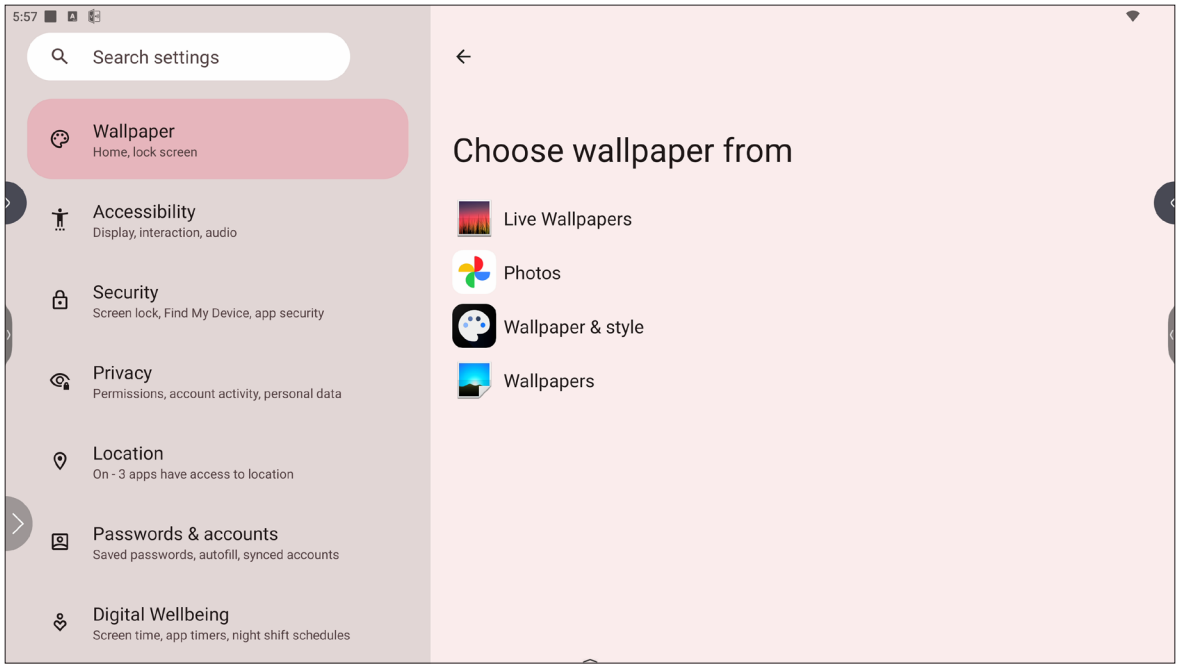
Adjust Timeout, Theme, HDMI CEC, and other display related settings.



Item	Description
Lock Screen	Set lock screen preferences.
Screen Timeout	Set when the screen will lock after a period of inactivity.
Dark Theme	When enabled, the brighter default background color will be changed to a darker one.
Display Size and Text	Adjust the overall display size or only the text size.
Night Light	Night Light reduces the amount of blue light the screen emits and increases the warmer, amber tones.
Screen Saver	When enabled, a screen saver will play when the ViewBoard is not in use.
HDMI Settings	Set Display Video resolution/Color Format/Color depth/HDR enable Set HDMI Out eDp/DP resolution/Color Format/Color depth

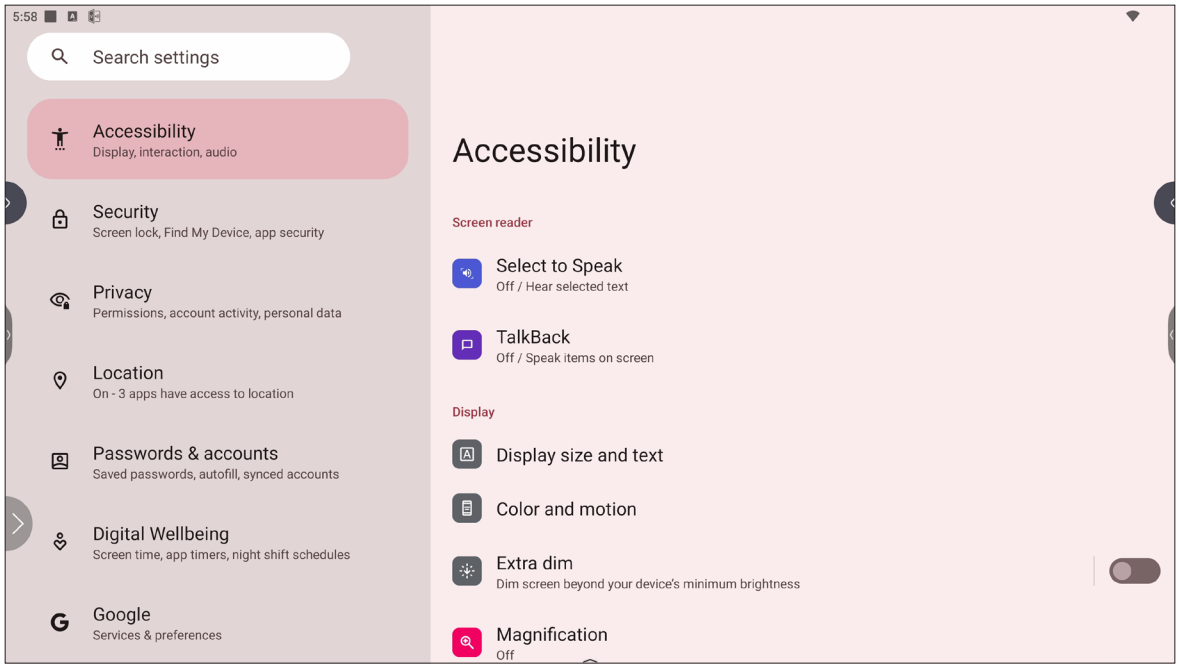
Wallpaper

Adjust and personalize the Wallpaper, Colors and theme of the ViewBoard.



Accessibility

View and adjust various tools that can help people with visual, auditory, speech, or physical disabilities use the ViewBoard.

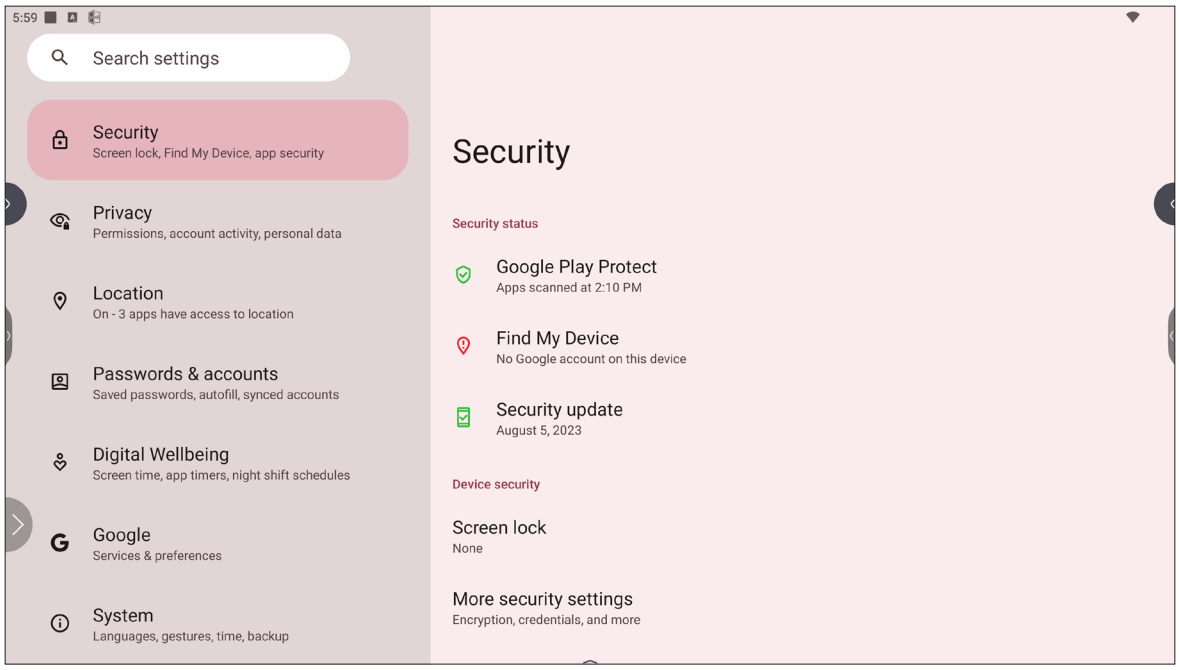


Item	Description
Select to Speak	When enabled, certain on-screen items will be read or described aloud when tapped (e.g., text or image).
TalkBack	When enabled, device actions will be described by audio so it can be used without looking at the screen.
Display Size and Text	Adjust the overall display size or only the text size.
Color and Motion	Apply color correction and inversion and enlarge the mouse pointer.
Extra Dim	Make your screen dimmer for it more comfortable to read.
Magnification	Zoom in on the screen to enlarge the content.
Accessibility Menu	Add a shortcut for a enlarged on-screen menu to control the device.
Timing Controls	Adjust how long temporary messages that ask for an action are on screen, enable Autoclick, and adjust the touch and hold delay time.
System Controls	Adjust the way to navigate the system.
Live Caption	Set the live caption preferences.
Caption Preferences	Enable captions and adjust the size and style.

Item	Description
Audio Description	When enabled, an audio description of what is happening on screen in supported movies and shows will be given.
Audio Adjustment	Combine audio channels into a single mono channel.
Accessibility Shortcuts	Adjust the shortcut settings and availability on the lock screen.
Text-to-Speech Output	When set up, text can be read out loud.

Security

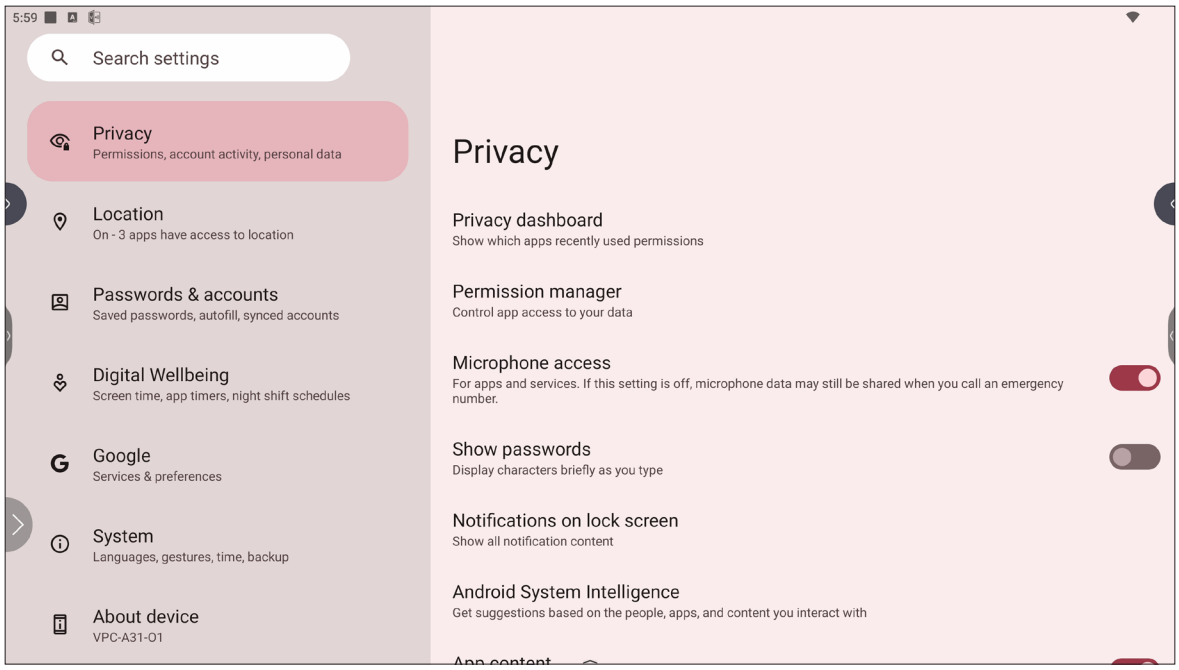
Review and adjust device security settings.



Item	Description
Google Play Protect	Regularly check the installed applications and device for any harmful behavior.
Find My Device	Locate the ViewBoard remotely.
Security Update	Check for security updates.
Screen Lock	Set screen lock function. Each time you turn on your device or wake up the screen, you'll be asked to unlock your device.
More Security Settings	View and adjust various security related settings.

Privacy

Check and manage current privacy settings.

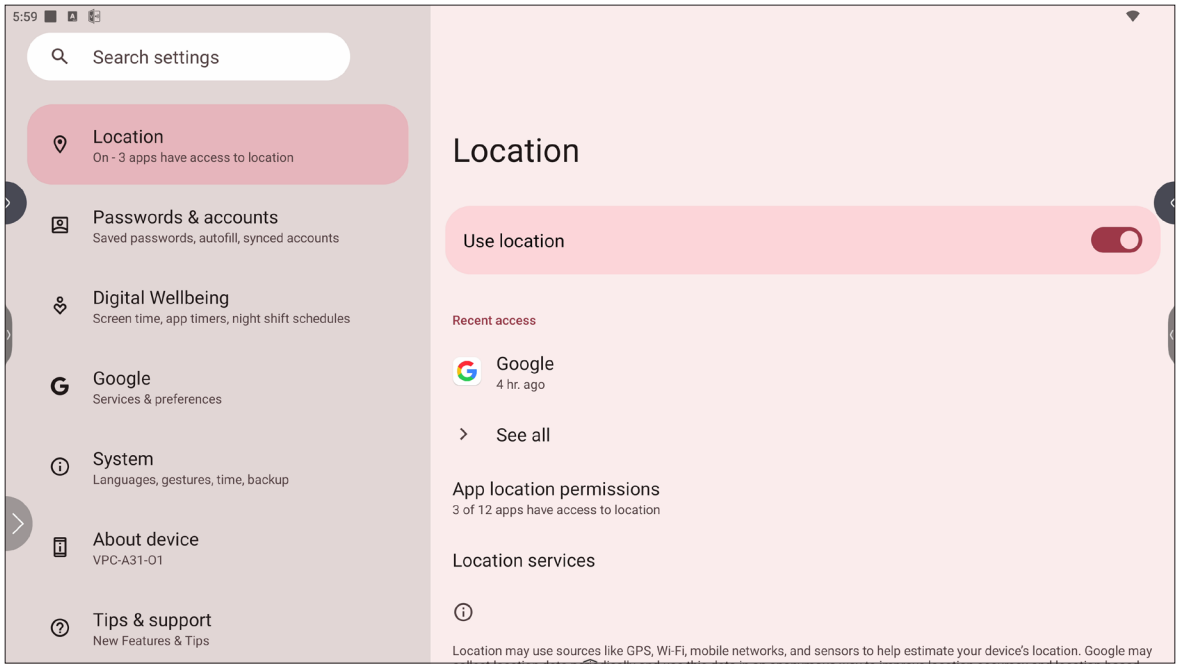


Item	Description
Privacy Dashboard	View which applications recently used permissions.
Permission Manager	Control application access to your data.
Microphone Access	Allow or disallow microphone access for applications or services.
Show Passwords	When enabled, characters will be displayed briefly as a password is being inputted.
Notifications on Lock Screen	Choose to show all, some, or no conversations or notifications on the lock screen.
Android System Intelligence	Get suggestions based on the people, applications, and content used.
App Content	When enabled, applications can send content to the system.
Show Clipboard Access	When enabled, a message will appear when applications access something (e.g., text, image, etc.) that has been copied.
Autofill Service from Google	With a Google account, passwords and other information can be filled in automatically.
Activity Controls	Select which activities and information Google is allowed to save.
Ads	Manage advertisement personalization.

Item	Description
Usage & Diagnostics	Choose to share usage and diagnostic data to Google.

Location

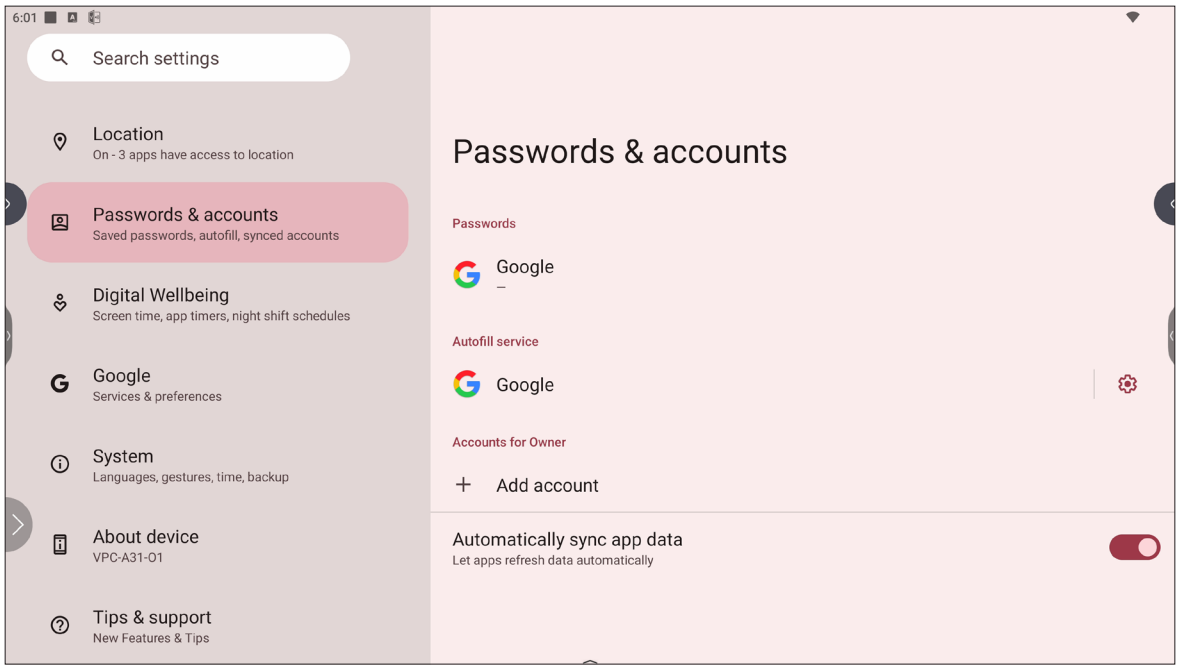
View and manage location settings.



Item	Description
Use Location	When enabled, the location of the device will be accessible to applications.
Recent Access	Review which applications recently accessed the device's location.
App Location Permissions	Review which applications have permission to access the device's location.
Location Services	Turn ON/OFF various alerts, services, and scanning related to location and location accuracy.

Passwords & Accounts

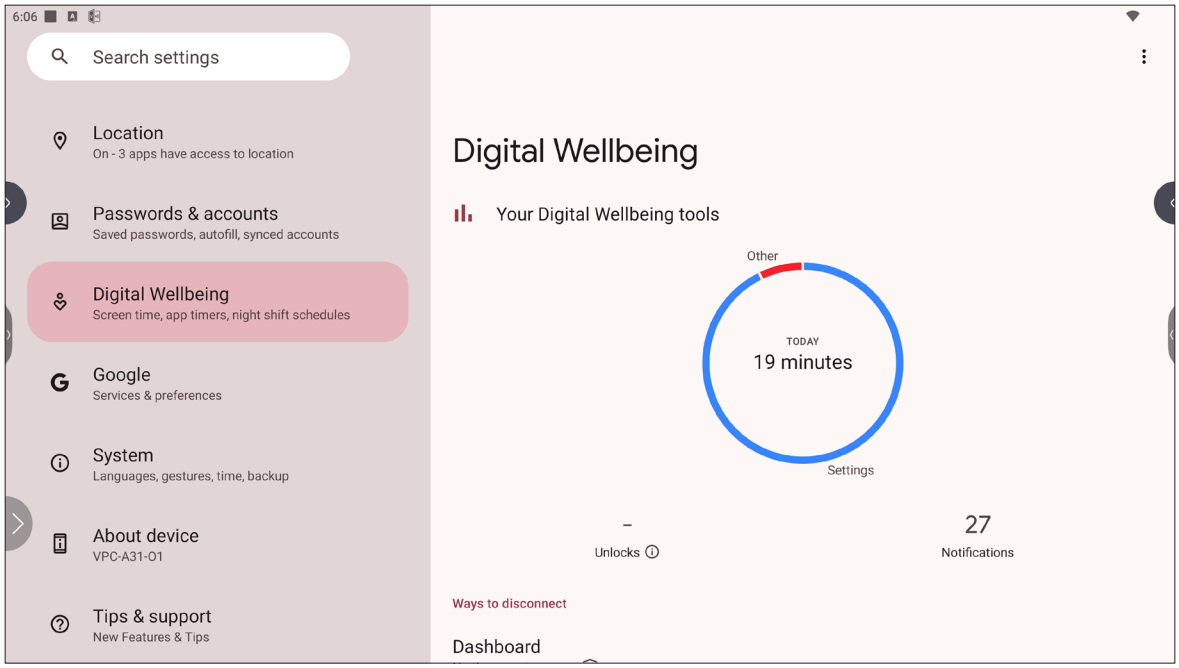
Review saved passwords, select autofill services, and add accounts.



Item	Description
Passwords	Review saved passwords.
Autofill Service	Select which autofill service to use, if any.
Accounts for Owner	Add or remove accounts.
Automatically Sync App Data	When enabled, applications can refresh data automatically.

Digital Wellbeing

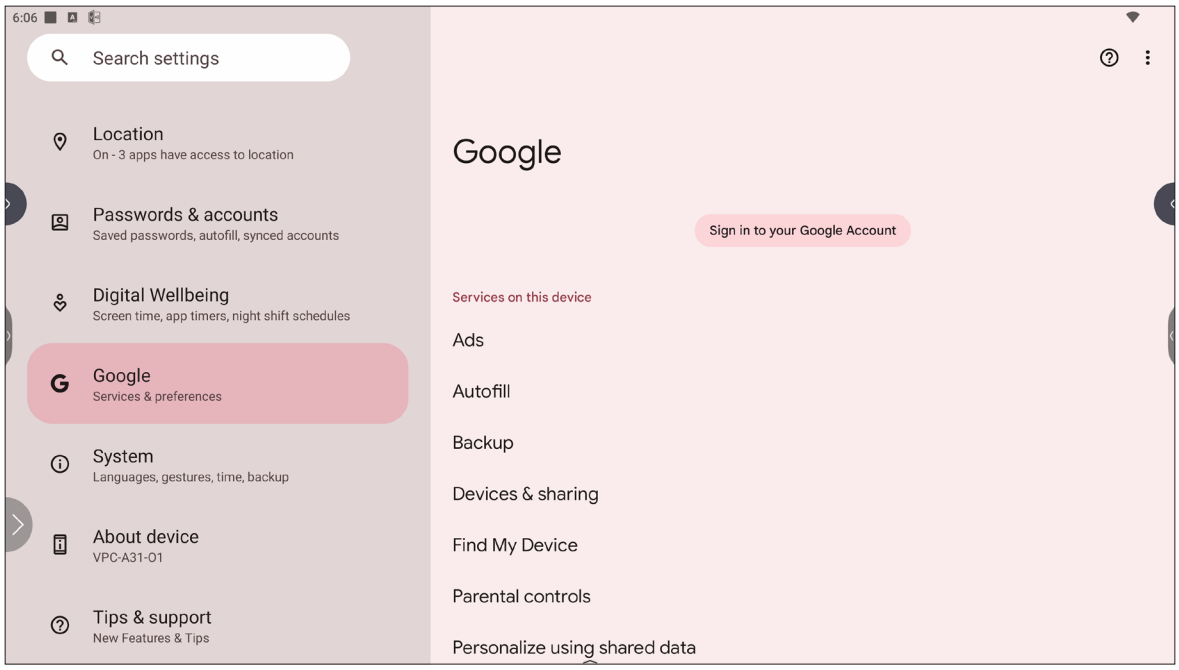
Review the ViewBoard's usage time, and set up various tools to promote a better balance with the device.



Item	Description
Your Digital Wellbeing Tools	A brief overview of device usage, unlocks, and notifications.
Dashboard	Review screen time, number of notifications, and number of device unlocks.
Night Shift	Reduce the amount of blue light emitted by the ViewBoard's screen.
Focus Mode	When set up, distracting applications can be paused and their notifications hidden.
Manage Notifications	Review which applications can send notifications.
Do Not Disturb	Set notification preferences for when "Do Not Disturb" mode is turned on.
Heads Up	A reminder to stay alert to the surroundings when looking at your device and walking.
Show Icon in the App List	When enabled, a Digital Wellbeing icon will be added to the application list.
Parental Controls	Set up parental controls with Google's Family Link application.

Google

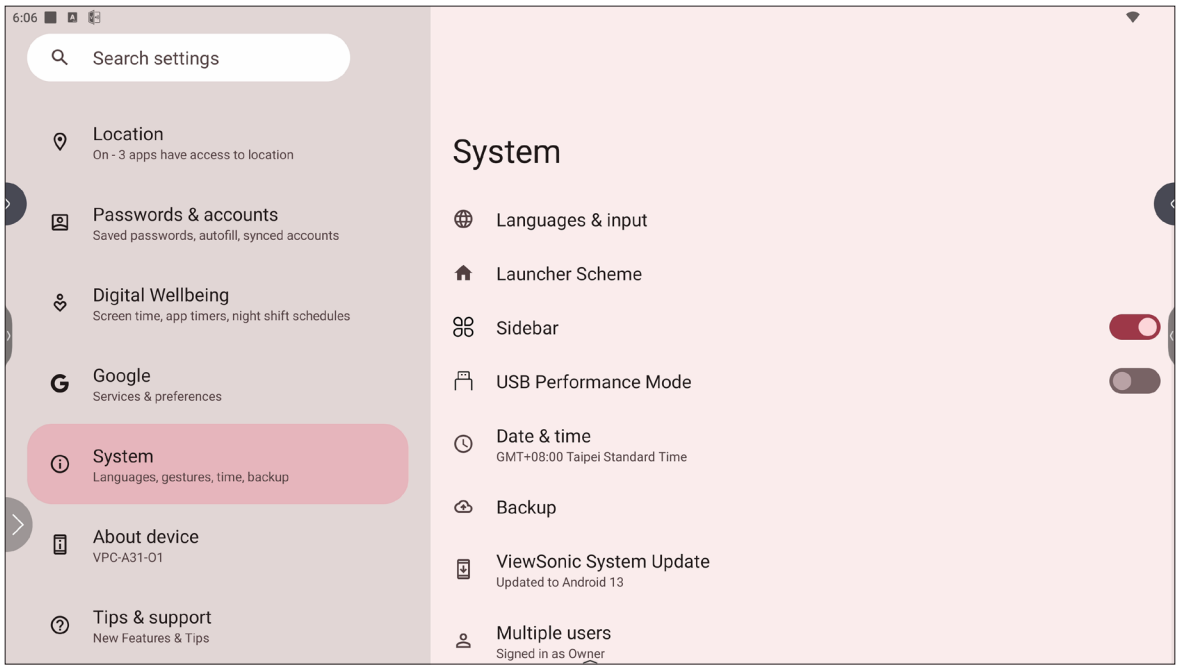
Review all of Google's services and set up preferences.



Item	Description
Ads	Manage advertisement personalization.
Autofill	With a Google account, passwords and other information can be filled in automatically.
Backup	With a Google account, back up the device's data.
Devices & Sharing	Set Cast and device sharing options.
Find My Device	Locate the ViewBoard remotely.
Parental Controls	Set up parental controls with Google's Family Link application.
Personalize Using Shared Data	Allow or disallow Google to use the installed applications' data for diagnostics and recommendations.
Set Up & Restore	Set up a nearby device or a work profile.
Settings for Google Apps	Review settings for Google-specific applications.

System

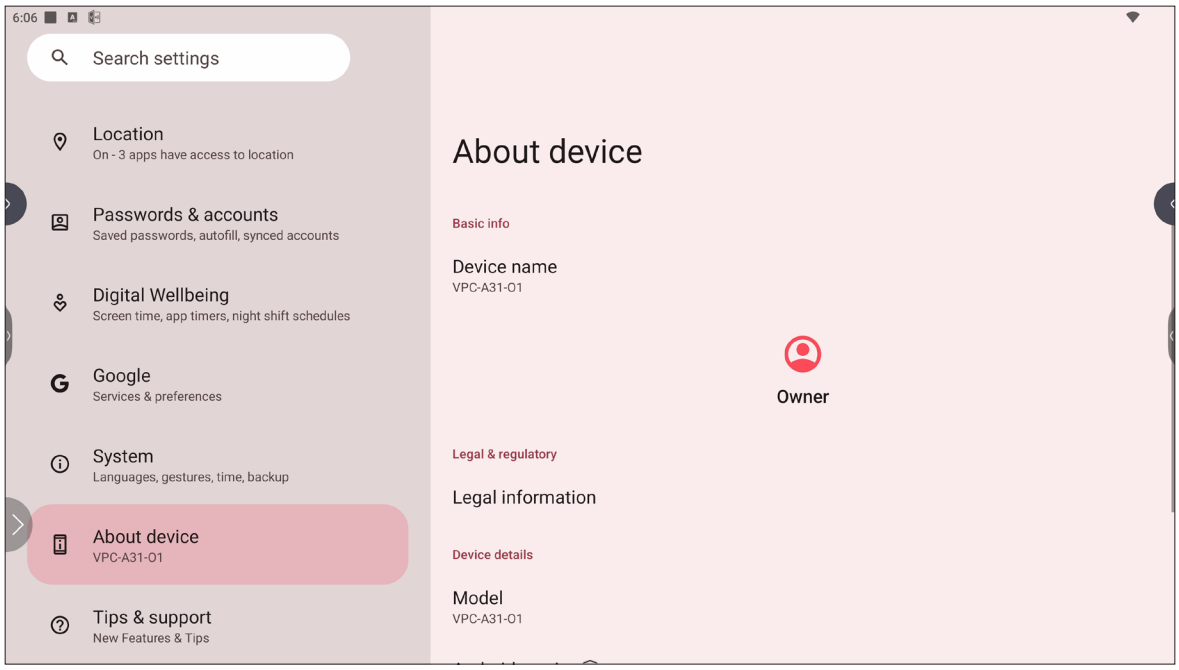
View and adjust various system settings.



Item	Description
Languages & Input	Choose the preferred language and input method.
Launcher Scheme	Choose between Scheme A and Scheme B to set the Home Screen layout.
Sidebar	Adjust the side toolbar settings.
USB Performance Mode	Optimize USB performance. You need to restart the device to change this setting.
Date & Time	Set the date and time.
Backup	With a Google account, back up the device's data.
ViewSonic System Update	Check for system updates.
Multiple Users	Review who is signed in and the available user logins.
Reset Options	Reset the ViewBoard to factory default settings.

About Device

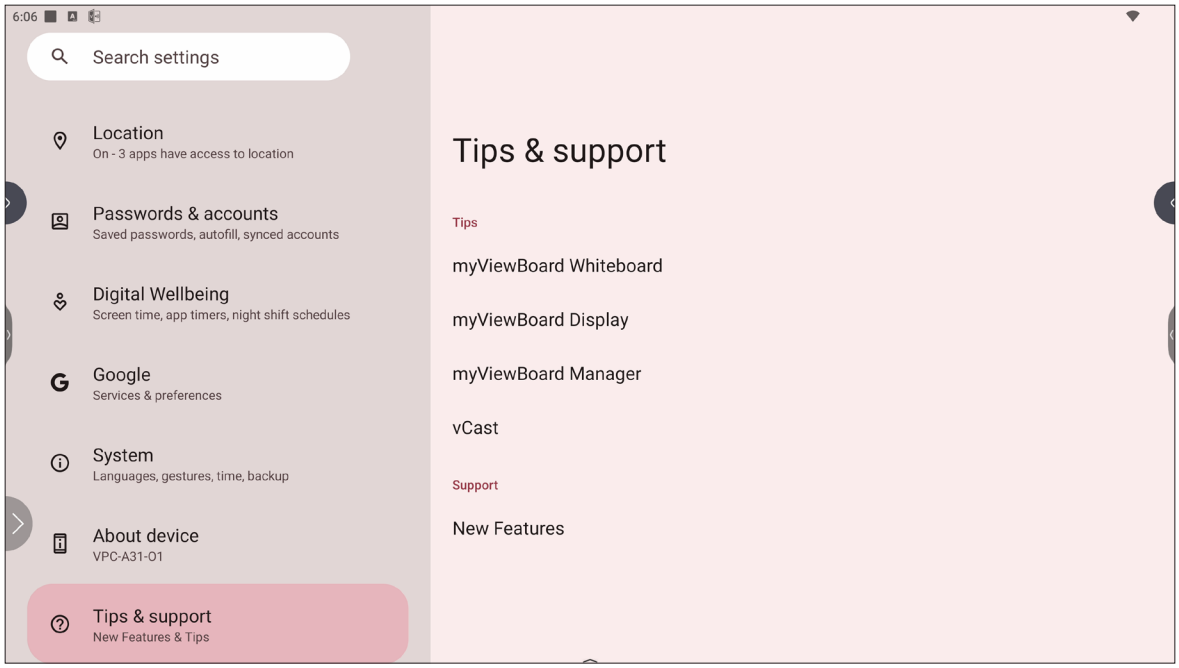
Review device information.



Item	Description
Device Name	View the name of the device.
Legal Information	View the relevant legal information.
Model	View the model of the VPC-A31-O1, including Serial Number and Asset Tagging.
Android Version	View the installed version of Android.
IP Address	View the IP Address.
Ethernet Address	View the Ethernet Address.
Wi-Fi MAC Address	View the Wi-Fi MAC Address.
Device Wi-Fi MAC Address	View the Device Wi-Fi MAC Address.
Bluetooth Address	View the Bluetooth Address.
Up Time	View how long the device has been in operation.
Build Number	View the build number.

Tips & Support

View new features, tips, and get support for the myViewBoard Whiteboard, myViewBoard Display, myViewBoard manager, and vCast applications.



ViewBoard Settings Menu Tree

Menu	Sub-menu	Menu Option		
Network & Internet	Internet	Ethernet	Ethernet	
			MAC Address	
			IP Address	
			Netmask	
			Default gateway	
			DNS 1	
			DNS 2	
			IPv6 address	
			IPv6 Default gateway	
			IPv6 DNS Server	
			Ethernet IP Mode	Static IP
				DHCP
			Proxy	None
				Manual
				Proxy Auto-Config
		Wi-Fi		
		Network Preferences	Turn on Wi-Fi automatically	
			Notify for public networks	
			Install certificates	
			Wi-Fi Direct	
		Saved Networks	Saved Networks	
		Non-carrier data usage		
	Airplane Mode			

Menu	Sub-menu	Menu Option		
Network & Internet	Hotspot & tethering	Wi-Fi hotspot	Use Wi-Fi hotspot	
			Hotspot name	
			Security	WPA3-Personal
				WPA2/WPA3-Personal
				WPA2-Personal
				None
			Hotspot password	
			Turn off hotspot automatically	
			Extend compatibility	
		USB tethering		
		Bluetooth tethering		
	Data Saver	Use Data Saver		
		Unrestricted data		
	VPN	VPN		
	Private DNS	Off		
		Automatic		
		Private DNS provider hostname	Enter hostname of DNS provider	

Menu	Sub-menu	Menu Option		
Connected Devices	Pair new device	Device name		
		Available devices		
	Saved devices	See all		
	Connection preferences	Bluetooth	Use Bluetooth	Device name VPC-A31-O1
			Pair new device	Available devices
		Cast	Cast	
		Printing	Default Print Service	Use print service
			Add service	
		Nearby Share	Account & device	
			Device visibility	
			Wi-Fi only	Wi-Fi only
				Without internet
			Show notification	

Menu	Sub-menu	Menu Option	
Apps	Recently opened apps		
	Default apps		
	Screen time		
	Unused apps		
	Special app access	All files access	
		Device admin apps	
		Display over other apps	
		Do No Disturb access	
		Media management apps	
		Modify system settings	
		Device & app notifications	
		Picture-in-picture	
		Premium SMS access	
		Unrestricted data	
		Install unknown apps	
		Alarms & reminders	
		Usage access	
		VR helper services	
		Wi-Fi control	
		Turn screen on	

Menu	Sub-menu	Menu Option		
Notifications	App settings	App notifications		
	Notification history	Use notification history		
	Conversations	Conversations		
	Bubbles	Allow apps to show bubbles		
	Device & app notifications	Allowed		
		Not allowed		
	Notifications on lock screen	Show conversations, default, and silent		
		Hide silent conversations and notifications		
		Don’t show any notifications		
	Do Not Disturb	People	Message	Starred contacts
				Contacts
				Priority conversations
				Anyone
				None
			Calls	Starred contacts
				Contacts
				Anyone
				None
				Allow repeat callers
		Apps	Add apps	

Menu	Sub-menu	Menu Option		
Notifications	Do Not Disturb	Alarms & other interruptions	Alarms	
			Media sounds	
			Touch sounds	
			Reminders	
			Calendar events	
		Schedules	Sleeping	
			Event	
			Add more	
		Duration for Quick Settings	Until you turn off	
			For 1 hour - +	
			Ask every time	
		Display options for hidden notifications	No sound from notifications	
			No visuals or sound from notifications	
			Custom	
	Wireless emergency alerts			
	Hide silent notifications in status bar			
	Allow notification snoozing			
	Notification dot on app icon			
	Enhanced notifications			

<table>
<tr><th>Menu</th><th>Sub-menu</th><th colspan="3">Menu Option</th></tr>
<tr><td rowspan="9">Storage</td><td>Storage manager</td><td colspan="3" rowspan="9"></td></tr>
<tr><td>System</td></tr>
<tr><td>Apps</td></tr>
<tr><td>Videos</td></tr>
<tr><td>Images</td></tr>
<tr><td>Documents & other</td></tr>
<tr><td>Trash</td></tr>
<tr><td>Games</td></tr>
<tr><td>Audio</td></tr>
<tr><td rowspan="12">Sound</td><td>Sound</td><td>Media volume
Alarm volume
Notification volume</td><td colspan="2"></td></tr>
<tr><td rowspan="11">Do Not Disturb</td><td rowspan="10">People</td><td rowspan="5">Message</td><td>Starred contacts</td></tr>
<tr><td>Contacts</td></tr>
<tr><td>Priority conversations</td></tr>
<tr><td>Anyone</td></tr>
<tr><td>None</td></tr>
<tr><td rowspan="5">Calls</td><td>Starred contacts</td></tr>
<tr><td>Contacts</td></tr>
<tr><td>Anyone</td></tr>
<tr><td>None</td></tr>
<tr><td>Allow repeat callers</td></tr>
<tr><td>Apps</td><td>Add apps</td><td></td></tr>
</table>

Menu	Sub-menu	Menu Option		
Sound	Do Not Disturb	Alarms & other interruptions	Alarms	
			Media sounds	
			Touch sounds	
			Reminders	
			Calendar events	
		Schedules	Sleeping	
			Event	
			Add more	
		Duration for Quick Settings	Until you turn off	
			For 1 hour - +	
			Ask every time	
		Display options for hidden notifications	No sound from notifications	
			No visuals or sound from notifications	
			Custom	
	Live Caption	Use Live Caption		
	Media	Pin media player		
		Show media recommendations		
	Default notification sound	None		
		Adara		
		Aldebaran		
		Altair		
		Alya		
		Antares		
		Antimony		
		Arcturus		
		Argon		

Menu	Sub-menu	Menu Option	
Sound	Default notification sound	Beat Box Android	
		Bellatrix	
		Beryllium	
		Betelgeuse	
		Caffeinated Rattlesnake	
		Canopus	
		Capella	
		Captain’s Log	
		Castor	
		Ceti Alpha	
		Cobalt	
		Cricket	
		Dear Deer	
		Deneb	
		Doink	
		Don’t Panic	
		Drip	
		Electra	
		Fluorine	
		Fomalhaut	
		Gallium	
		Heaven	
		Helium	
		Highwire	
		Hojus	
		Iridium	
		Krypton	

Menu	Sub-menu	Menu Option	
Sound	Default notification sound	Kzurb Sonar	
		Lalande	
		Look At Me	
		Merope	
		Mira	
		Missed It	
		Moonbeam	
		On The Hunt	
		Palladium	
		Pixie Dust	
		Pizzicato	
		Plastic Pipe	
		Polaris	
		Pollux	
		Procyon	
		Proxima	
		Radon	
		Regulus	
		Rubidium	
		Selenium	
		Shaula	
		Sirius	
		Sirrah	
		Space Seed	
		Spica	
		Strontium	
		Syrma	

Menu	Sub-menu	Menu Option	
Sound	Default notification sound	Ta Da	
		Talitha	
		Tejat	
		Thallium	
		Tinkerbell	
		Tweeters	
		Upsilon	
		Vega	
		Voila	
		Xenon	
		Zirconium	
		Add notification	
	Default alarm sound	None	
		Argon	
		Barium	
		BeeBeep Alam	
		Beep-Beep-Beep Alam	
		Buzzer Alam	
		Cabon	
		Cesium	
		Heium	
		Krypton	
		Neon	
		Neptunium	
		Osmium	
		Oxygen	
		Piezo Alarm	
		Platinum	

Menu	Sub-menu	Menu Option		
Sound	Default alarm sound	Platinum		
		Rooster Alam		
		Scandium		
		Add alarm		
	Screen locking sound			
	Touch sounds			
	Sound enhancement	BesLoudness		
Display	Lock Screen	Privacy	Show all notifications content	
			Don’t show notifications at all	
		Add users from lock screen		
		Add text on lock screen		
		Show wallet		
		Show device controls		
		Control from locked device		
		Double-line clock		
	Screen timeout	15 seconds		
		30 seconds		
		1 minute		
		2 minutes		
		5 minutes		
		10 minutes		
		30 minutes		
	Dark theme			

Menu	Sub-menu	Menu Option		
Display	Display size and text	Font size		
		Display size		
		Bold text		
		High contrast text		
		Reset Settings		
	Night Light			
	Screen saver			
	HDMI settings	Video resolution		
		Color Format	Auto	
			RGB	
			YCbCr	
		Color depth	up to 12 bits	
			up to 10 bits	
			8 bits	
		HDR enable		
		eDP/DP resolution		
		eDP/DP Color Format	up to 12 bits	
			up to 10 bits	
			8 bits	
Wallpaper	Live Wallpapers			
	Photos			
	Wallpaper & Style			
	Wallpapers			

Menu	Sub-menu	Menu Option		
Accessibility	Select to Speak	Select to Speak shortcut		
		Settings	Text to speech settings	Preferred engine
				Language
				Speech rate
				Pitch
			Read in background	
			Read text on images	
			Help & feedback	
			Developer settings	Enable taking snapshot
				Allow snapshot to take detail information
	TalkBack	Use TalkBack		
		TalkBack shortcut		
		Settings	New features in TalkBack	
			Text-to-speech settings	Preferred engine
				Language
				Speech rate
				Pitch

Menu	Sub-menu	Menu Option		
Accessibility	TalkBack	Settings	Verbosity	Choose a preset
				Speak usage hints
				Speak list and grid info
				Always speak number of list items
				Speak element type
				Speak window names
				Speak notifications when screen is off
				Use pitch changes
				Speak letters with examples
				Keyboard echo: On-screen keyboard
				Keyboard echo: Physical keyboard
				Capital letters
				Speak all progress updates
				Speak element IDs
				Speak punctuation and symbols
			Sound and Vibration	Vibration feedback
				Audio ducking
				Sound feedback
				Sound feedback volume

Menu	Sub-menu	Menu Option		
Accessibility	TalkBack	Settings	Customize Focus Indicator	Default
				Red
				Orange
				Yellow
				Green
				Blue
				Grey
			Customize Gestures	Practice gestures
				Reset gesture settings
			Customize Menus	Customize TalkBack menu
				Customize reading controls
			Automatically describe	Describe icons
				Describe text in images
			Braille keyboard	Set up braille keyboard
				Review all gestures
				Languages
				Preferred typing language
				Preferred braille grade
				Include all pressed dots
				Reverse dots

Menu	Sub-menu	Menu Option		
Accessibility	TalkBack	Settings	Braille display	Use braille display
				Languages
				Preferred reading language
				Preferred typing language
				Preferred braille grade
				Braille commands
				Braille elements
				Auto-connect
				Advanced settings
			Tutorial and help	Tutorial
				Practice gestures
				Help & feedback
			Advanced Settings	Speak passwords
				Custom labels
				Single-tap to activate
				Element description order
				Time format
				Reduce window announcement delay
				Typing preference
				Touch and hold delay when typing
				Keyboard shortcuts
				Developer settings
				Privacy Policy
				Terms of service
			Open TalkBack at the Play Store	

Menu	Sub-menu	Menu Option		
Accessibility	Display size and text	Font size		
		Display size		
		Bold text		
		High contrast text		
		Reset Settings		
	Color and motion	Color correction	Red-green (Green weak deuteranomaly)	
			Red-green (Red weak protanomaly)	
			Blue-yellow (Tritanomaly)	
			Grayscale	
			Color correction shortcut	
		Color inversion	Use color inversion	
			Color inversion shortcut	
		Dark theme		
		Remove animations		
		Large mouse pointer		
	Extra dim	Make screen extra dim		
	Magnification	Magnification shortcut		
	Accessibility Menu	Accessibility Menu shortcut		
		Settings	Large buttons	
			Help & feedback	

Menu	Sub-menu	Menu Option		
Accessibility	Timing controls	Touch & hold delay	Short	
			Medium	
			Long	
		Time to talk action (Accessibility timeout)	Default	
			10 seconds	
			30 seconds	
			1 minute	
			2 minutes	
		Autoclick (dwell timing)	Autoclick Off	
			Short	
			Medium	
			Long	
			Custom	
	System controls	System navigation	Gesture navigation	
			3-button navigation	
	Live Caption	Languages		
		Hide profanity		
		Show sound labels		
		Live Caption in volume control		
		Help		
	Caption preferences	Show captions		
		Caption size and style	Text size	Very Small
				Small
				Medium
				Large
				Very Large
			Caption style	Set by app
				White on black
				Black on white
				Yellow on black
				Yellow on blue
				Custom
		More options	Language	

Menu	Sub-menu	Menu Option		
Accessibility	Audio description			
	Audio adjustment	Mono audio		
		Audio balance		
	Accessibility shortcuts	Accessibility button	Location	Floating over other apps
				Navigation bar
			Size	Small
				Large
			Fade when not in use	
			Transparency when not in use	
		Shortcut from lock screen		
	Text-to-speech output	Preferred engine	Speech Recognition and Synthesis from Google	
		Language		
		Speech rate		
		Pitch		
Security	Google Play Protect			
	Find My Device	Find My Device		
		Find My Device app		
		Find My Device web		
	Security update			
	Google Play system update			
	Screen lock	None		
		Swipe		
		Pattern		
		PIN		
		Password		

Menu	Sub-menu	Menu Option		
Security	More security settings	Encryption & credentials	Encrypt phone	
			Trusted credentials	
			User credentials	
			Install a certificate	
			Clear credentials	
			Certificate management app	
		Trust agents		
		App pinning	Use app pinning	
Privacy	Privacy dashboard	Location		
		Camera		
		Microphone		
		Body sensors		
		Calendar		
		Call logs		
		Contacts		
		Files		
		Music and audio		
		Nearby devices		
		Phone		
		Photos and videos		
		Physical activity		
		SMS		

Menu	Sub-menu	Menu Option		
Privacy	Permission manager	Body sensors		
		Calendar		
		Call logs		
		Camera		
		Contacts		
		Files		
		Location		
		Microphone		
		Music and audio		
		Nearby devices		
		Notifications		
		Phone		
		Photos and videos		
		Physical activity		
		SMS		
		Additional permissions		
	Microphone access			
	Show passwords			
	Notifications on lock screen	Show all notification content		
		Don’t show notifications at all		
	Android System Intelligence	Device learning		
		Keyboard	Keyboard suggestions	
		Clear data	Last hour	
			Last 24 hours	
			All time	
	App content			

Menu	Sub-menu	Menu Option	
Privacy	Show clipboard access		
	Autofill service from Google		
	Activity controls		
	Ads		
	Usage & diagnostics		
Location	Use location		
	Recent access		
	App location permissions		
	Location services	Earthquake alerts	
		Emergency Location Service	
		Google Location Accuracy	
		Google Location History	
		Google Location Sharing	
		Wi-Fi scanning	
		Bluetooth scanning	
Passwords & Accounts	Passwords		
	Autofill service		
	Accounts for Owner		
	Automatically sync app data		

Menu	Sub-menu	Menu Option		
Digital Wellbeing	Your Digital Wellbeing tools			
	Dashboard			
	Night Shift	Do Not Disturb for Bedtime mode		
	Focus Mode			
	Manage notifications			
	Do Not Disturb	People	Messages	Starred contacts
				Contacts
				Priority conversations
				Anyone
				None
			Calls	Starred contacts
				Contacts
				Anyone
				None
				Allow repeat callers
		Apps		
		Alarms & other interruptions	Alarms	
			Media sounds	
			Touch sounds	
			Reminders	
			Calendar events	
		Schedule	Sleeping	
			Event	
		Duration for Quick Settings	Until you turn off	
			For 1 hour - +	
			Ask every time	
		Display options for hidden notifications	No sound from notifications	
			No visuals or sound from notifications	
			Custom	

Menu	Sub-menu	Menu Option		
Google	Ads			
	Autofill			
	Backup			
	Devices & sharing			
	Find My Device			
	Parental controls			
	Personalize using shared data			
	Set up & restore			
	Settings for Google apps			
System	Languages & input	Languages		
		App Languages		
		On-screen keyboard	Gboard	
			Google Voice Typing	
		Physical keyboard	Use on-screen keyboard	
			Keyboard shortcuts	
		Voice input		
		Text-to-speech output	Preferred engine	
			Language	
			Speech rate	
			Pitch	
		Spell checker	Languages	
			Default spell checker	
		Personal dictionary		
		Pointer speed		

Menu	Sub-menu	Menu Option	
System	Launcher Scheme	Scheme A	
		Scheme B	
	Sidebar		
	USB Performance Mode		
	Date & time	Set time automatically	
		Date	
		Time	
		Use location to set time zone	
		Time zone	
		Use locale default	
		Use 24-hour format	
	Backup		
	ViewSonic System Update		
	Multiple Users	Allow multiple User	
		You(Owner)	
		Add guest	
		Add user	
		Add users from lock screen	
	Reset options	Reset Wi- Fi, mobile & Bluetooth	
		Reset app preferences	
		Erase all data (factory rest)	

Menu	Sub-menu	Menu Option	
About Device	Device name		
	Legal information		
	Model	Model VPC-A31-O1	
		Serial number XEGxxxxxxxxx	
		Asset Tagging	
	Android version		
	IP address		
	Ethernet address		
	Wi-Fi MAC address		
	Device Wi-Fi MAC address		
	Bluetooth address		
	Up time		
	Build number		
Tips & Support	myViewBoard Whiteboard		
	myViewBoard Display		
	myViewBoard Manager		
	vCast		
	New Features		

Pre-installed Applications and Settings

myViewBoard Display

Wirelessly mirror screens to a larger display.



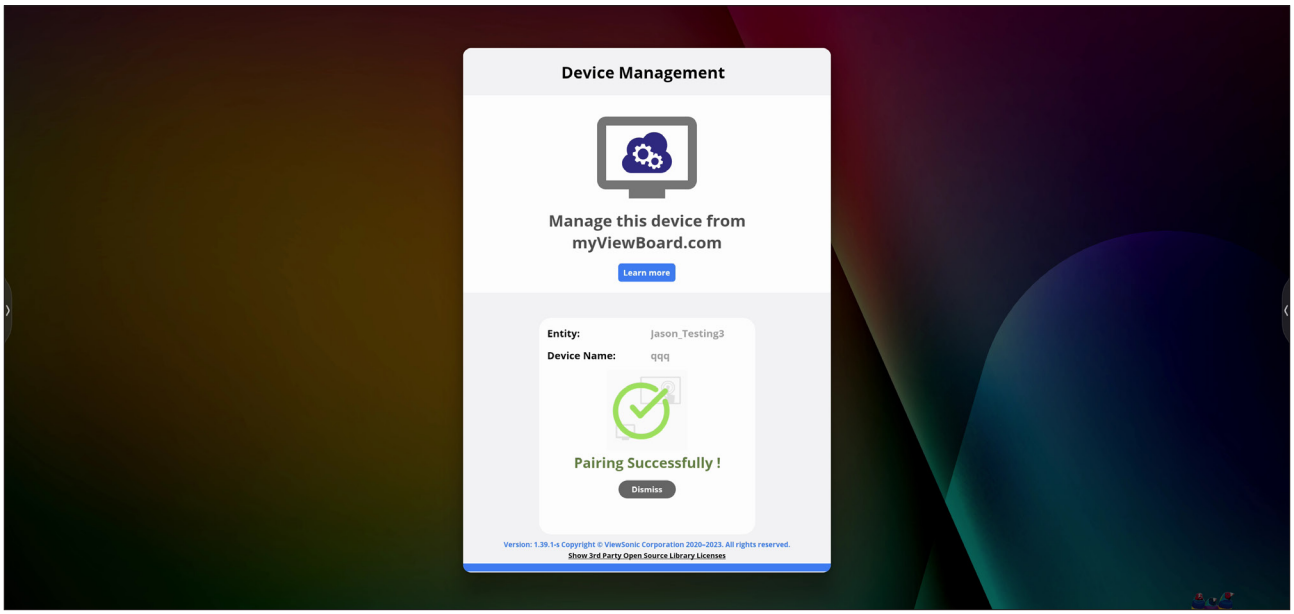
To share a screen to a ViewBoard with myViewBoard Display:

1. Open myViewBoard Display on the ViewBoard you want to share your screen to.
2. On the device you want to share the screen from, go to: https://myviewboard.com/display.
3. Enter the **Display Code** and **One Time Password** for the ViewBoard you wish to share to.

   NOTE: Note that the password refreshes every 30 seconds.

myViewBoard Manager

Remotely manage multiple installations of ViewSonic devices.



Once devices are set up and have myViewBoard Manager installed, they can be added to the entity and managed remotely from the Manager web application.

NOTE: Only available to Entity Admins from myviewboard.com after signing in.

Add a Device

On the device to manage:

1. Download and install myViewBoard Manager.

2. Open myViewBoard Manager and note the 6-digit PIN displayed.

In the myViewBoard Manager web application on myviewboard.com:

1. Click **Add Device**.

2. Input the 6-digit PIN obtained earlier.

3. Name the device (if applicable).

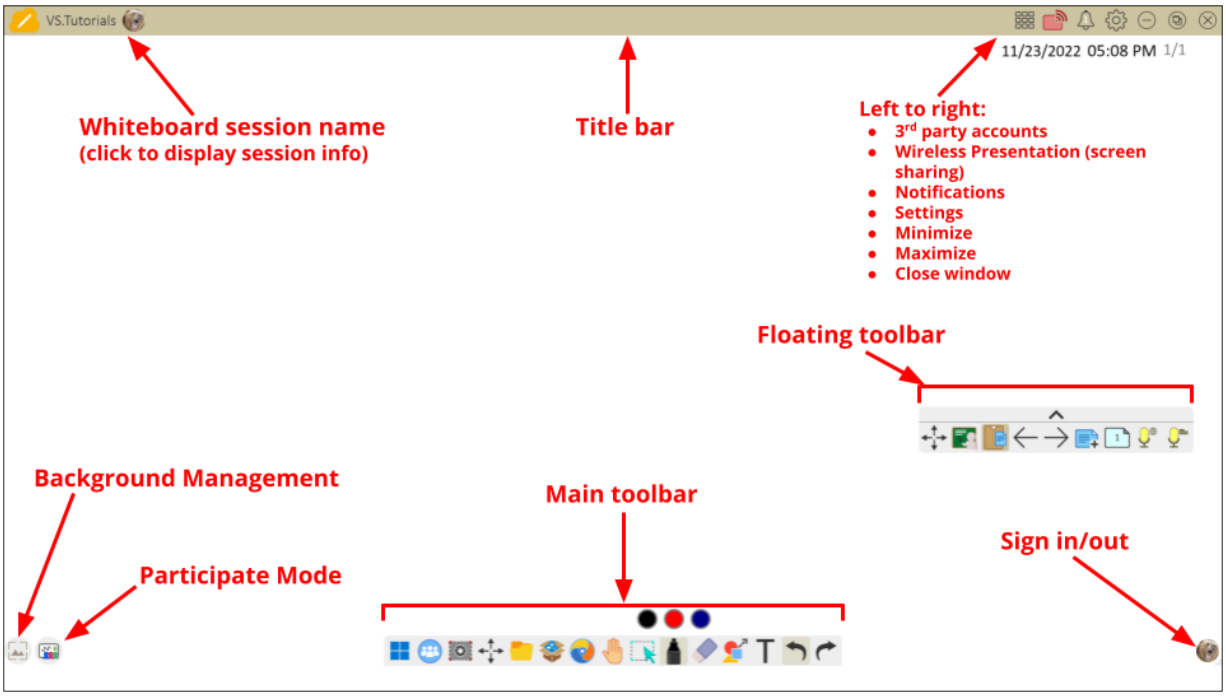
4. Click **Add**.

NOTE: To learn more about myViewBoard Manager, visit: https://wiki.myviewboard.com/MyViewBoard_Manager.

myViewBoard Whiteboard

A digital whiteboarding application.

NOTE: To learn more about myViewBoard Whiteboard, visit: https://wiki.myviewboard.com/Whiteboard_for_Android.



Floating Toolbar

Item		Description
	Move	Move the Floating Toolbar.
	Present Mode	Switch between presentation and preparation modes.
	Paste from Clipboard	Insert the current clipboard content onto the canvas.
	Previous Page	Go to the previous page (if the canvas has multiple pages).
	Next Page	Go to the next page (if the canvas has multiple pages).
	New Page	Add a new canvas.
	Pages in Whiteboard	Create, select, rearrange, copy and delete pages.

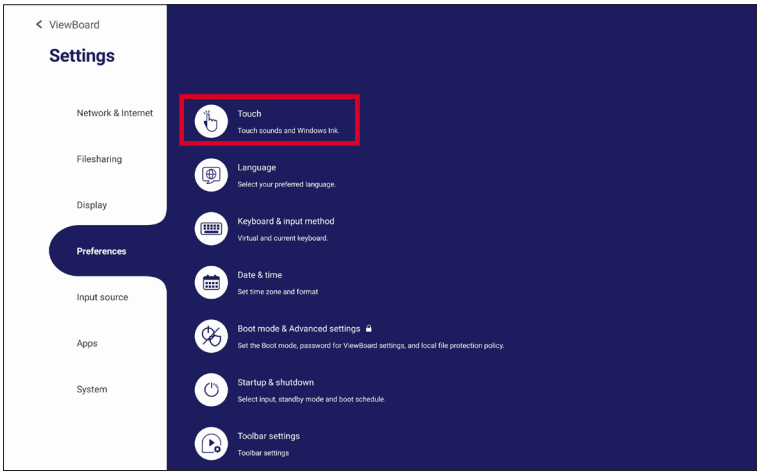
Main Toolbar

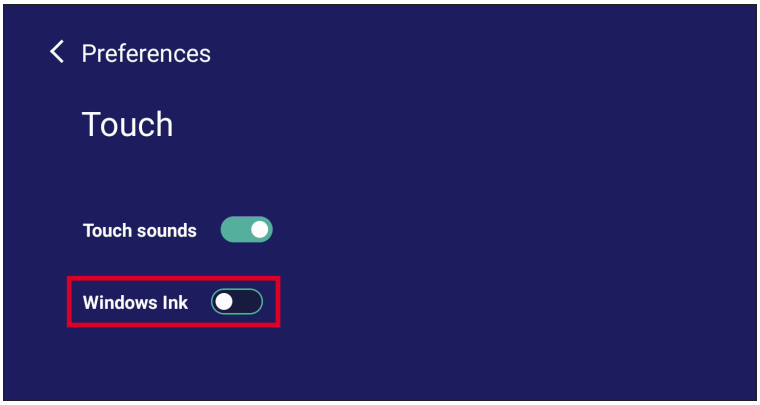
Item		Description
	**Screen Capture**	Screenshot, video, and audio recording.
	**Move**	Select and hold to move the toolbar to the left side, right side, or bottom of the screen.
	**File**	Open, save, export, and print whiteboard files.
	**Magic Box**	Import resources (image, video, audio, etc.) to the whiteboard.
	**Embedded Browser**	Open the built-in browser to access internet resources, which can be dragged onto the canvas.
	**Infinite Canvas**	Drag to move the canvas. Use two hands to zoom in/ zoom out. Select again for an overview.
	**Selection**	Select objects, text, and other elements on the canvas.
	**Pen**	Writing tools and customization options.
	**Eraser**	Erase objects or clear the page.
	**Shapes and Lines**	Draw shapes, arrows, and add tables.
	**Text and Handwriting**	Add a text box.
	**Undo**	Undo the previous action.
	**Redo**	Redo the previous action.

Background Management

Item		Description
	Sign In	Sign in to a myViewBoard account.
	Background Management	Change the canvas background.
	FollowMe Setting	Display custom images uploaded to a cloud storage account.
	Color Palette	Choose from solid or gradient colors as the background.
	Pre-installed	Choose backgrounds that come pre-installed with Whiteboard.
	myViewBoard Originals	Display original content created by myViewBoard.
	Local Hard Drive	Use images from the local hard drive.

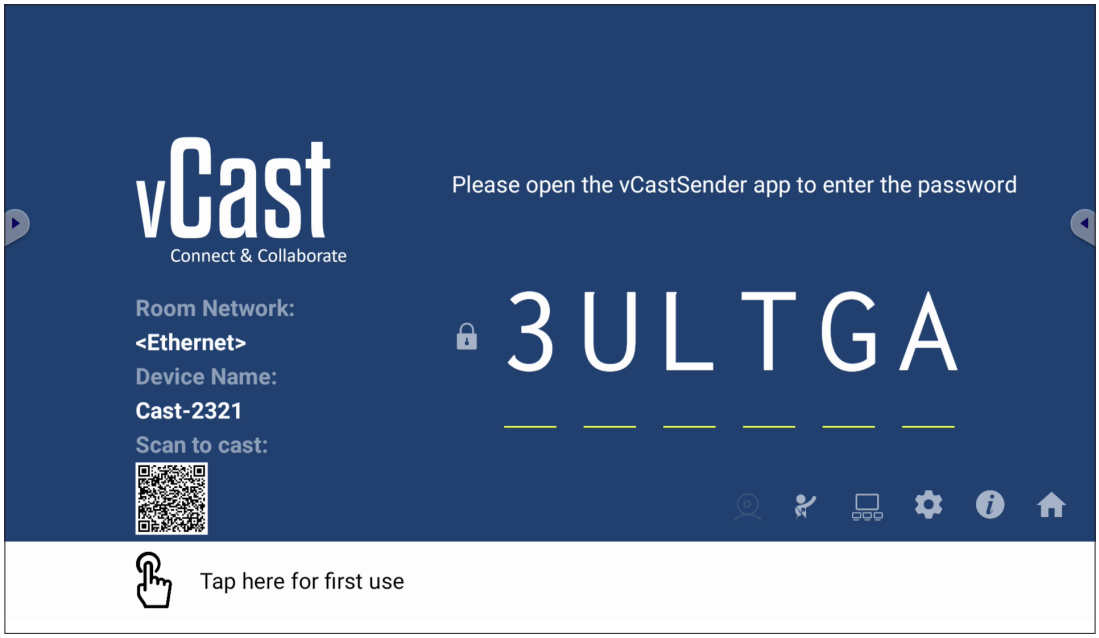
NOTE: To ensure accurate palm erasing and dual pen recognition, go to: **ViewBoard** > **Settings** > **Preferences** > **Touch** > disable **Windows Ink**.





vCast

Working with ViewBoard® Cast software (vCast, vCast Pro, and vCastSender), the vCast application will allow the ViewBoard to receive laptop screens (Windows/ Mac/Chrome) and mobile (iOS/Android) users' screens, photos, videos, annotations, and camera(s) that are using the vCastSender application.

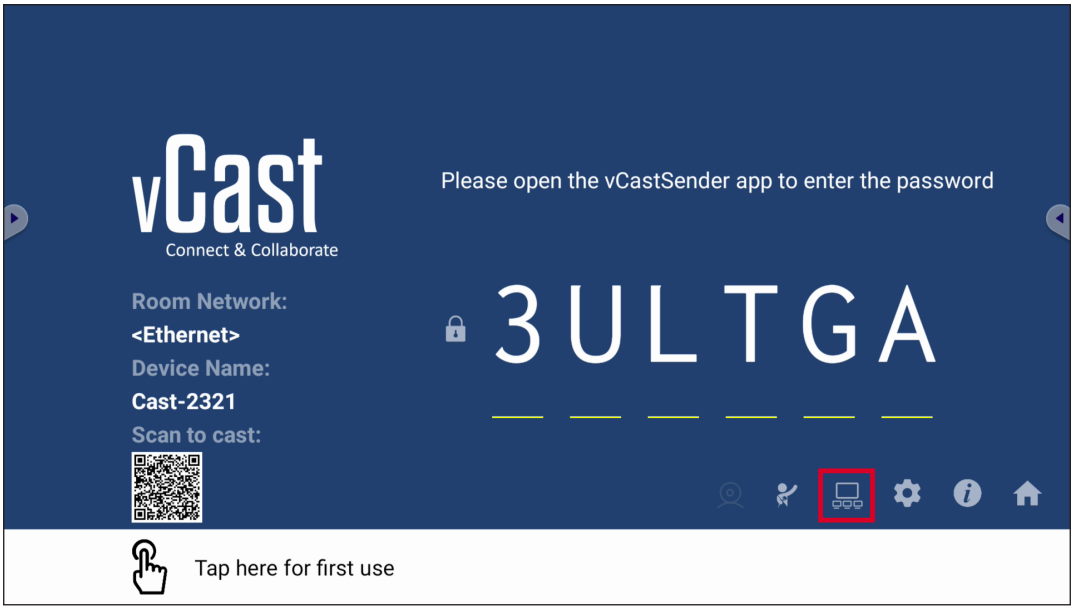


Network Information

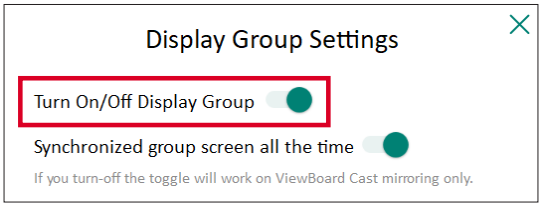
- ViewBoard® Cast software, laptops, and mobile devices can connect to both the same subnet and cross subnet by entering the on-screen PIN code.
- Connected devices will show up under **Device List** on the same subnet connection.
- If the device does not show up under **Device List**, users will need to key-in the on-screen PIN code.
- **Ports:**
  - » TCP 56789, 25123, 8121 & 8000 (Controlling message port & client device audio transfer)
  - » TCP 8600 (BYOM)
  - » TCP 53000 (Request share screen)
  - » TCP 52020 (Reverse control)
  - » TCP 52025 (Reverse control for ViewBoard Cast Button)
  - » TCP 52030 (Status sync)
  - » TCP 52040 (Moderator mode)
  - » UDP 48689, 25123 (Device searching and broadcast & client device audio transfer)
  - » UDP 5353 (Multicast search device protocol)
- **Port and DNS for Activation**:
  - » Port: 443
  - » DNS: https://vcastactivate.viewsonic.com
- **OTA Service**
  - » Server Port: TCP 443
  - » Server FQDN Name: https://vcastupdate.viewsonic.com

Display Group Settings

To adjust the Display Group Settings, select the Display Group icon ( ) located in the lower-right corner of the screen.

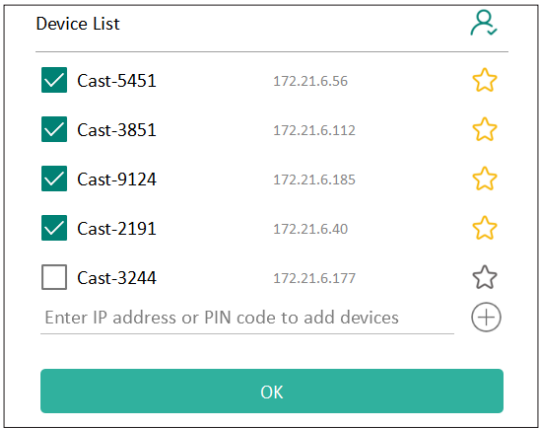


1. Toggle the "Turn On/Off Display Group" ON to enable the Display Group feature.



NOTE: Other preinstalled ViewBoard Cast devices in the same network will be listed.

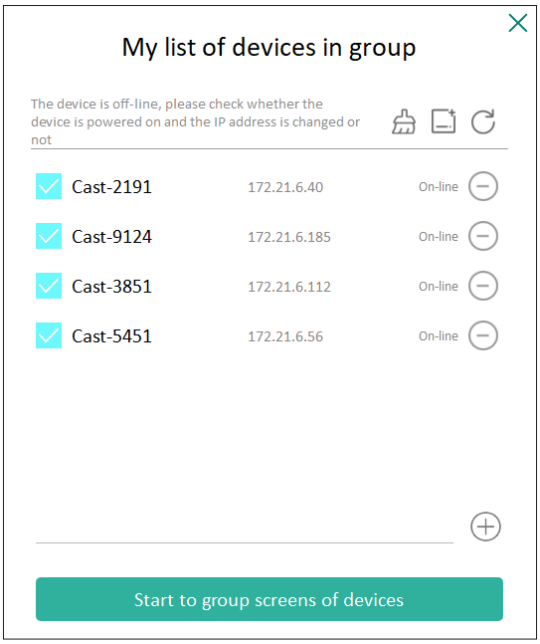
2. Select the devices you want to join the display group and select **OK** to save the settings.



NOTE:

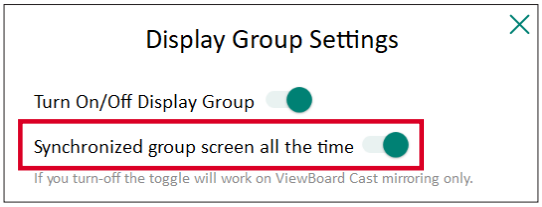
- If the devices you want to group are not listed, you can enter their respective IP address or connecting PIN code.
- The Display Group maximum device limit is six devices.

3. If you frequently connect to the same device, you can select the Star icon (☆) next to the device to add it to your frequently connected devices list, “My List of Devices in Group”, for easier Display Group setup and management.



Synchronized Group Screen All the Time

When the “Synchronized group screen all the time” function is toggled ON, it will display a synchronized group screen continuously. If it is toggled OFF, it will work on vCast mirroring only.



NOTE: Select the devices to group first, then toggle the “Synchronized group screen all the time” function ON to avoid interruption.

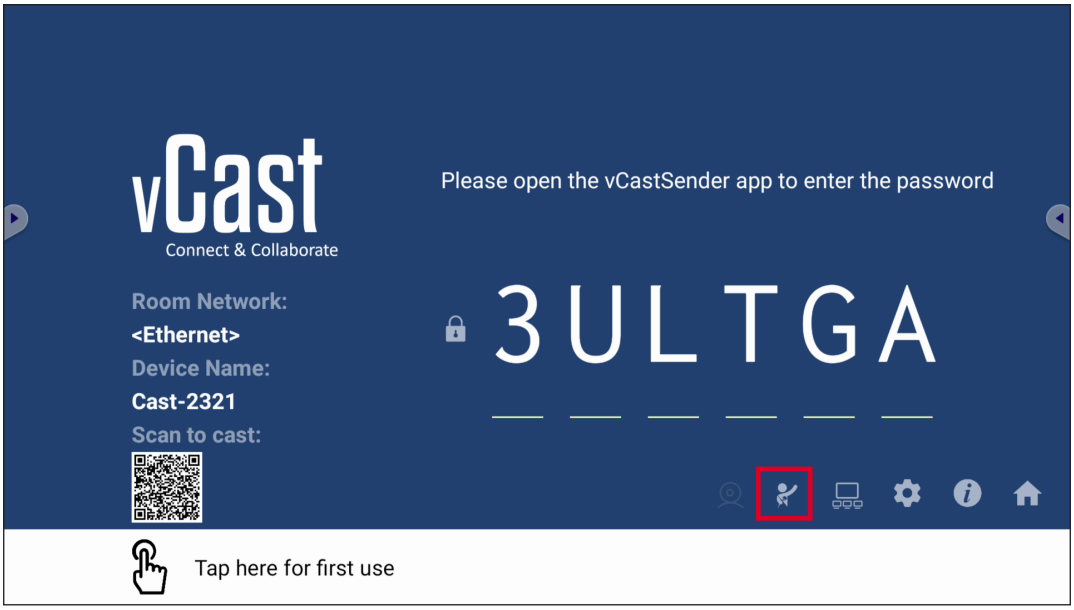
Share a Screen to the Display Group (One to Many Casting)

After confirming the above settings, you can share your screen to the main display, then the grouped client devices will be synced up to your screen.

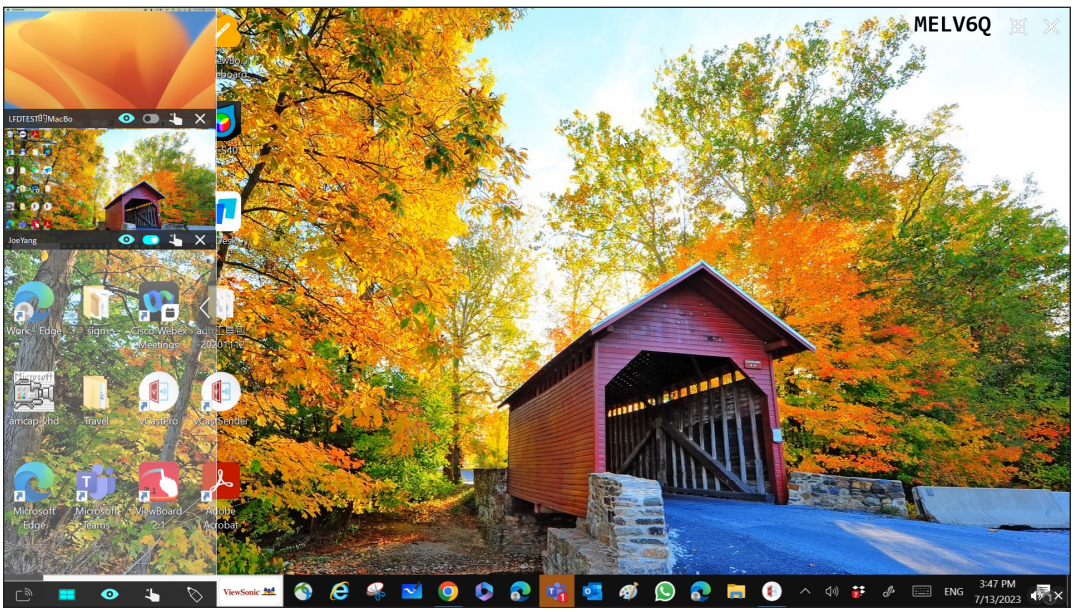


Moderator Mode

Moderator Mode allows the moderator to take control of the devices connected to the ViewBoard or display. To enter Moderator Mode, select the Moderator Mode icon ( ) located in the lower-right corner of the screen.

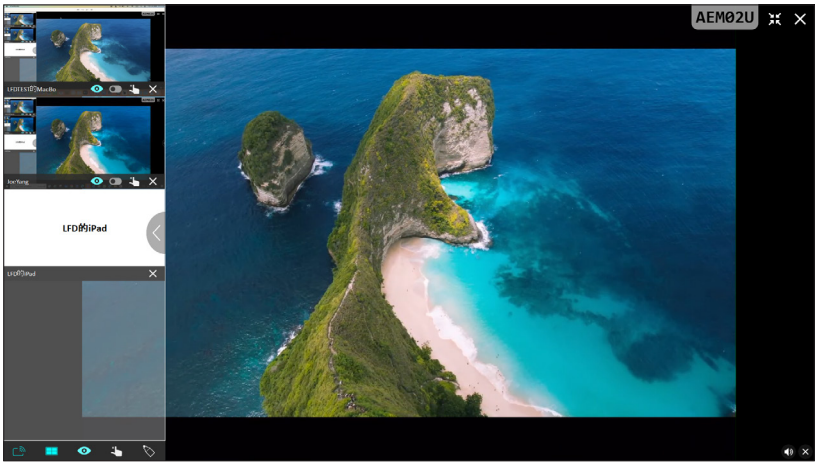


When enabled, the moderator can view a list of all connected screens in the left floating window and can preview each participant's screen and then select any of participant's screen and cast to the ViewBoard's or display's main screen for presentation. The moderator can also control each participant's screen, annotate on the ViewBoard or display, and remove unwanted participants by selecting the close icon (X).



Broadcast

When enabled, the ViewBoard's screen will be broadcasted to all of the participant's connected screens simultaneously. The participants can only view the presentation contents until the moderator disables the Broadcast function.



Multiple Screen Sharing

By default, vCast is set to allow multiple screen sharing, but can also be set to single screen sharing. To do this, the moderator can select the Multiple Screen Sharing icon to switch to single screen sharing.

Preview Screen

By default, vCast is set to let the moderator preview the participant's screen contents prior to sharing to the ViewBoard. Selecting the Preview Screen icon, the Moderator can switch to see the participant's name only.

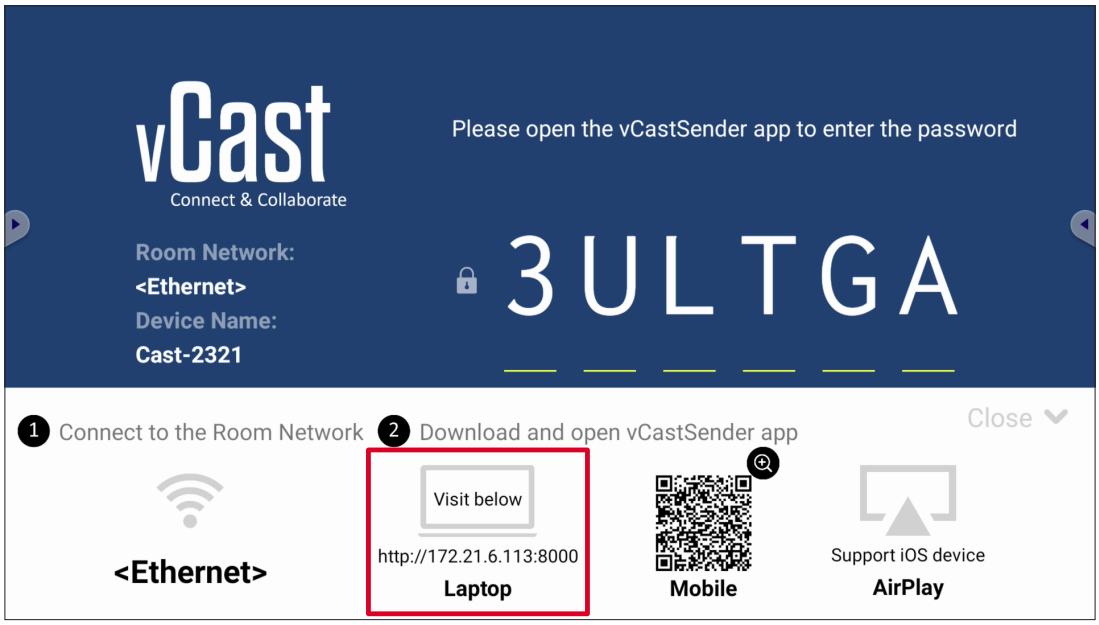
Touch

By default, participants can use touch for collaboration after connecting. The moderator can enable/disable the touch function of a participant by selecting the Touch icon in their window.

NOTE:

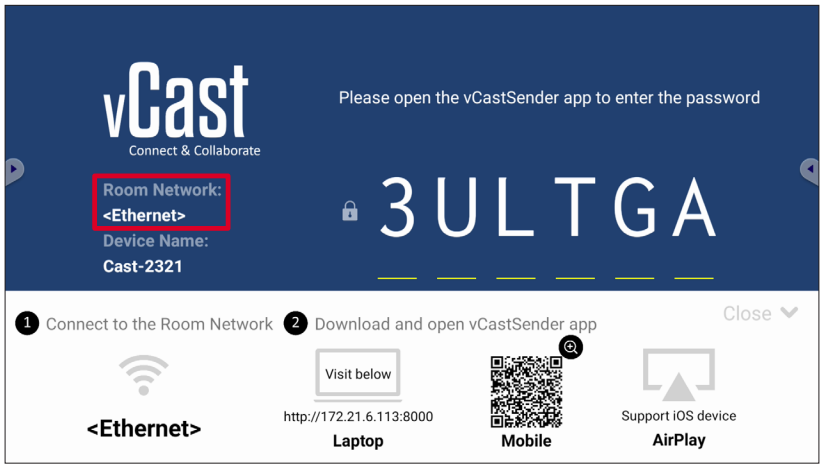
- Moderator Mode is supported on all vCastSender and AirPlay devices, but mobile devices are limited to a "preview" function. Additionally, mobile Android devices cannot cast sound out.
- When you cast your Windows/Mac/Chrome screen to a ViewBoard or display, the selected full screen unit will not be broadcasted back to your device to avoid repetitive screen casting.
- The active presenter can touch each of the participant's screens to remotely control casting devices.
- The number of multi-screen presenters on-screen depends on your Windows CPU processor performance and router specifications.

Casting from Windows, MacBook, and Chrome Devices



1. Ensure the client device (e.g., laptop) is connected to the same network as the ViewBoard.

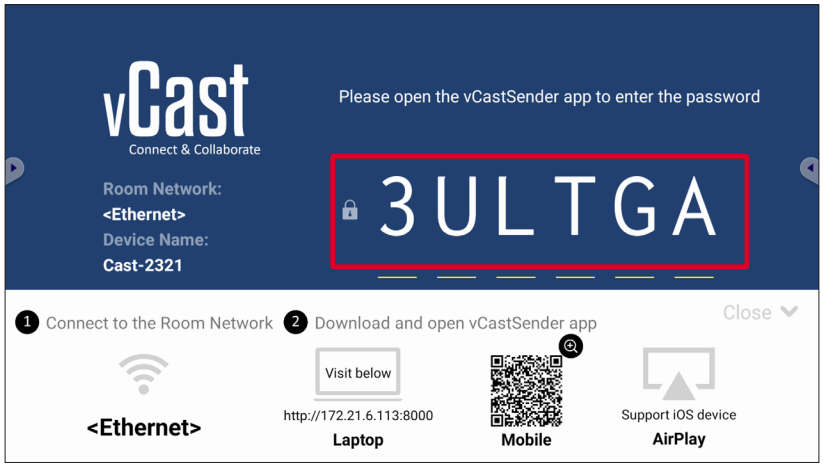
   NOTE: The network name can be found under **Room Network**.



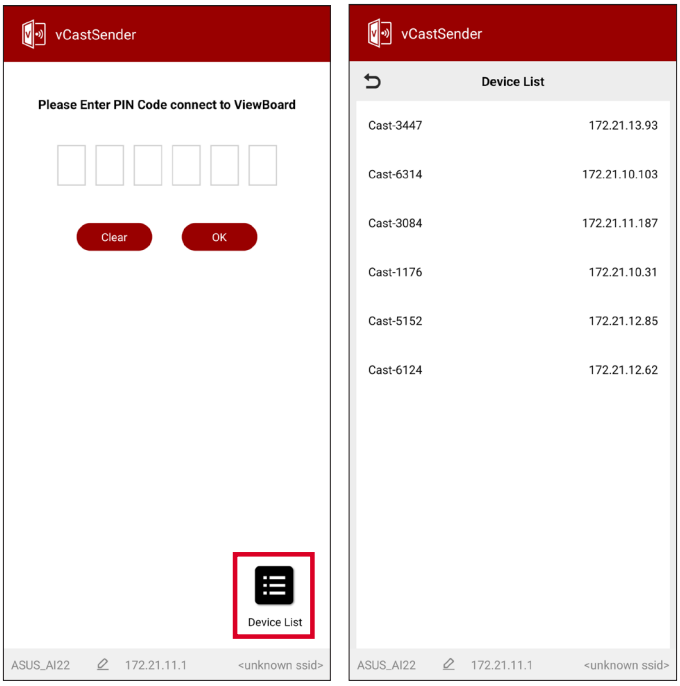
2. On the client device, visit the address that is shown on the ViewBoard to download and install the vCastSender application.
3. After installing, launch the vCastSender application.

4. To connect to the ViewBoard, input the PIN code and click OK.

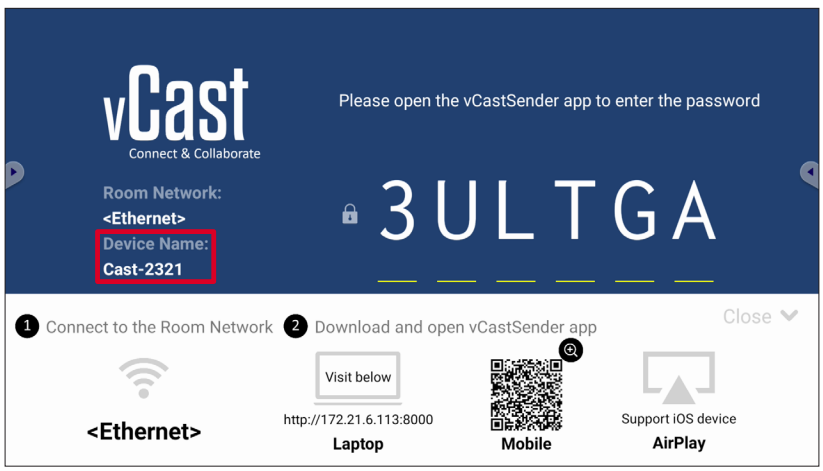
NOTE: The **PIN code** can be found as highlighted below:



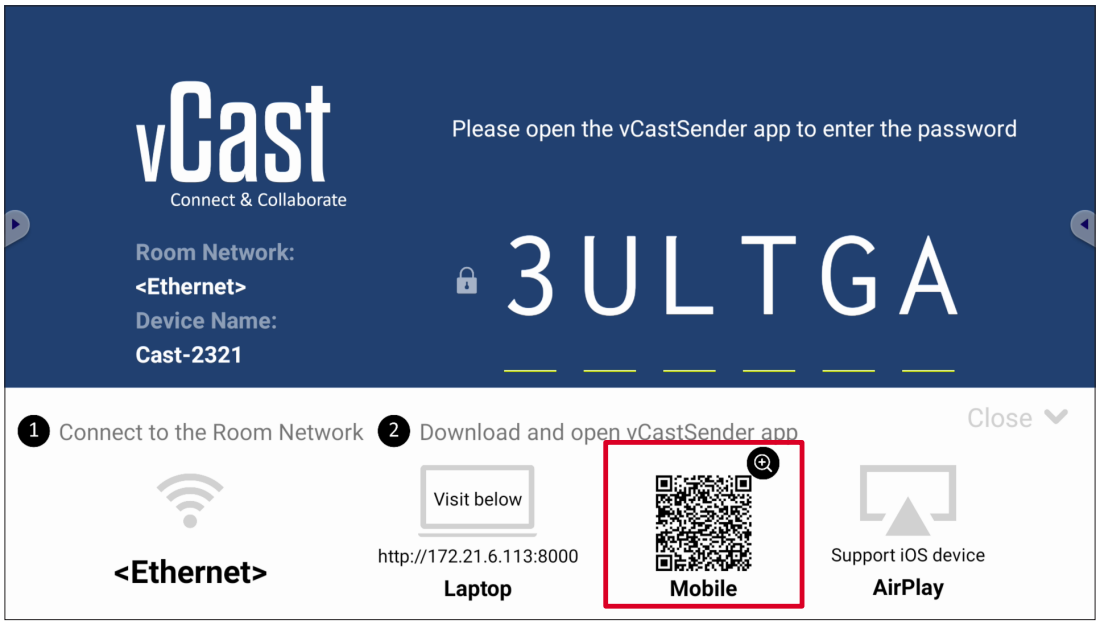
5. Additionally, you can connect to the ViewBoard by clicking **Device List** then the **Device Name** listed.



NOTE: The **Device Name** can be found as highlighted below:

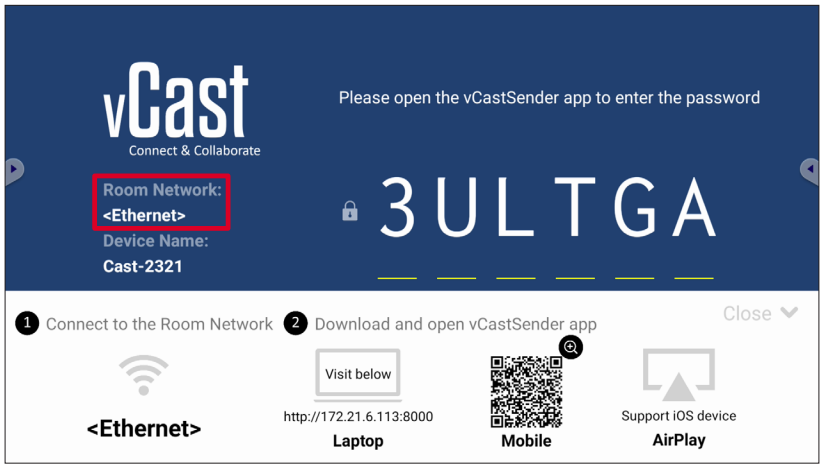


Casting from Android Devices



1. Ensure the client device (e.g., Android phone or tablet) is connected to the same network as the ViewBoard.

NOTE: The network name can be found under **Room Network**.



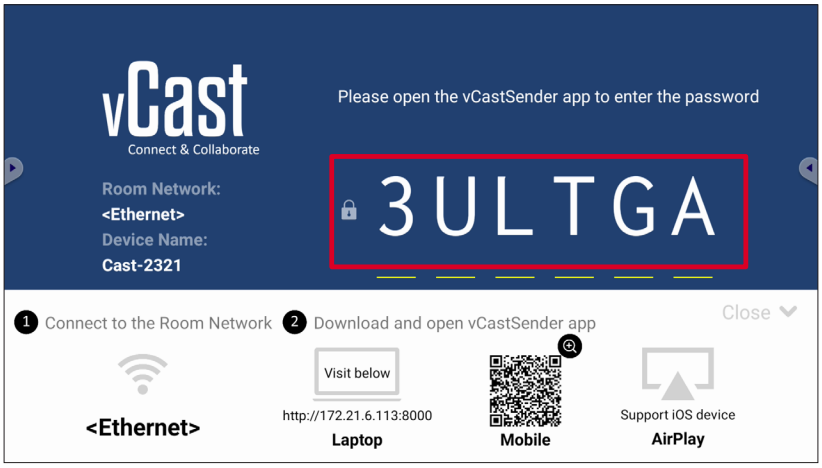
2. On the Android client device, scan the QR code shown on the ViewBoard to directly download the vCastSender application, or download the application from the Google Play Store.



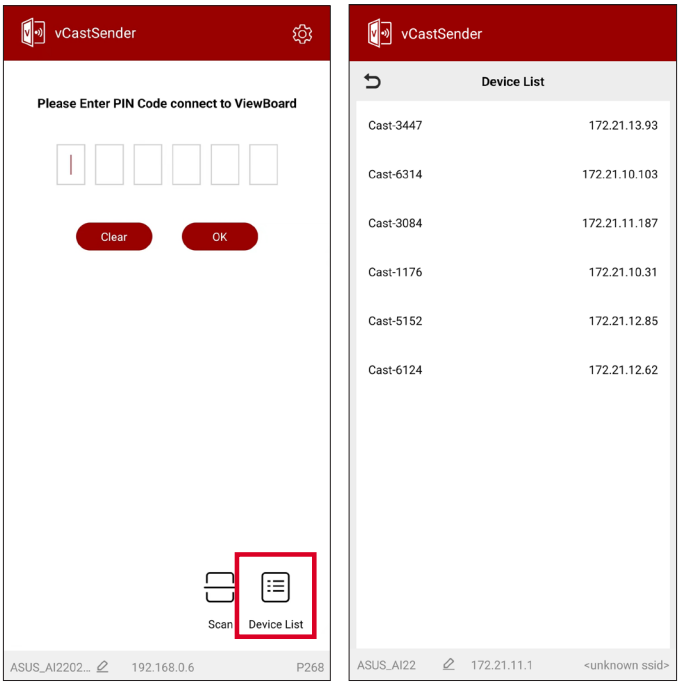
3. After installing, launch the vCastSender application.

4. To connect to the ViewBoard, input the PIN code and select **OK**.

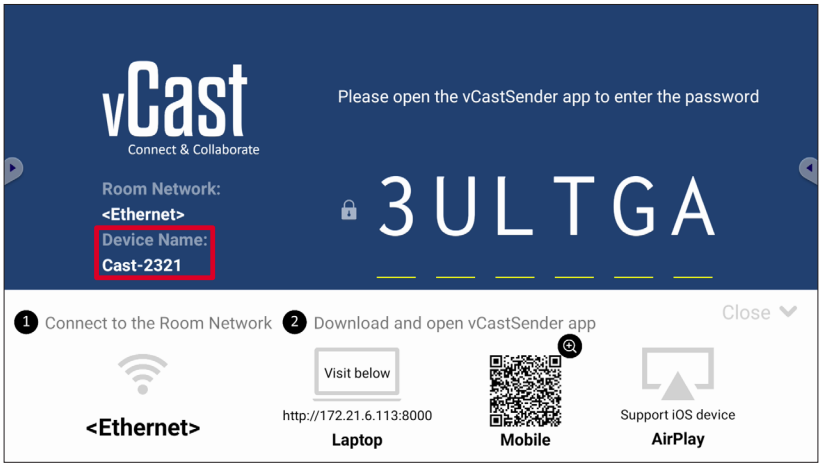
NOTE: The **PIN code** can be found as highlighted below:



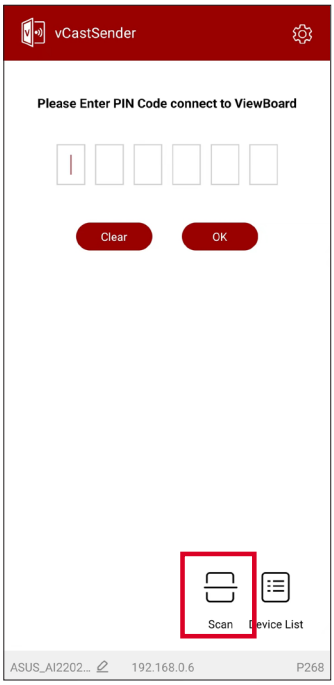
5. You can also connect to the ViewBoard by selecting **Device List** then the **Device Name** listed.

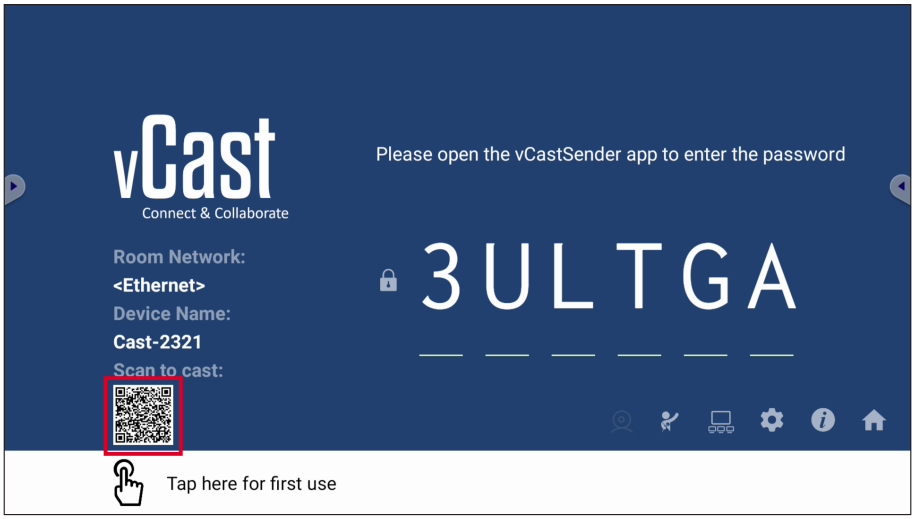


NOTE: The **Device Name** can be found as highlighted below:



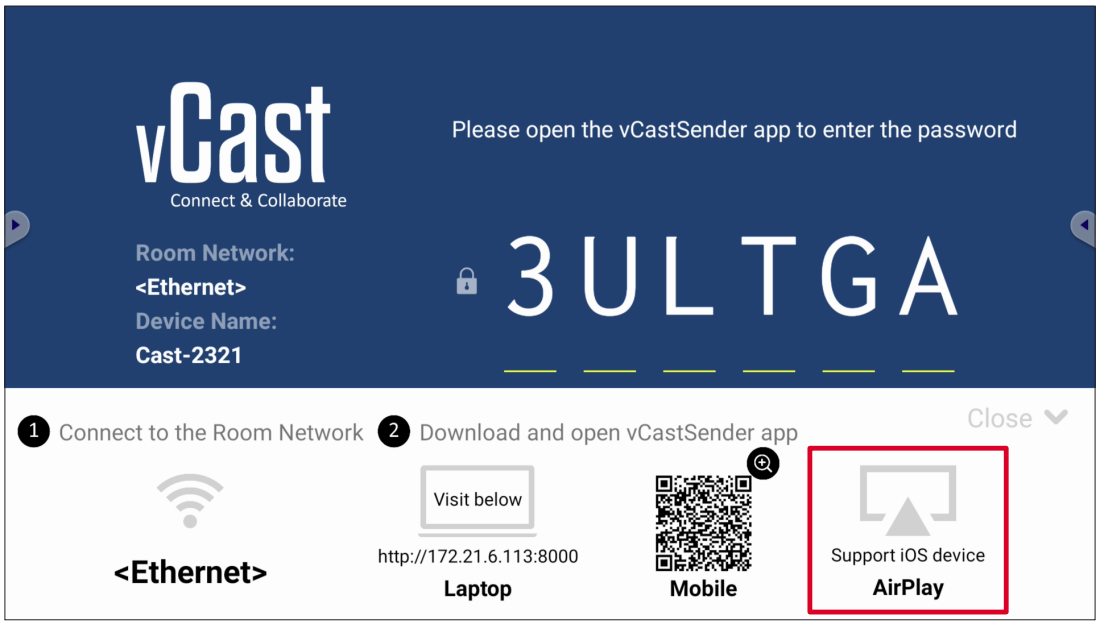
6. Additionally, you can connect to the ViewBoard or by selecting **Scan** then placing the on-screen QR code into the box to automatically connect.





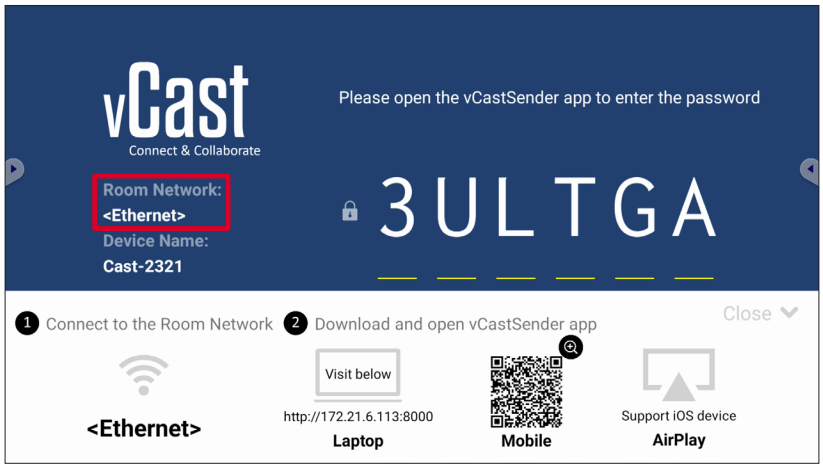
Casting from Apple iOS Devices

Apple AirPlay® is compatible with vCast for screen mirroring and content streaming under the same subnet environment only. An “AirPlay Password” will be generated on-screen for connection when using AirPlay to cast to a ViewBoard.



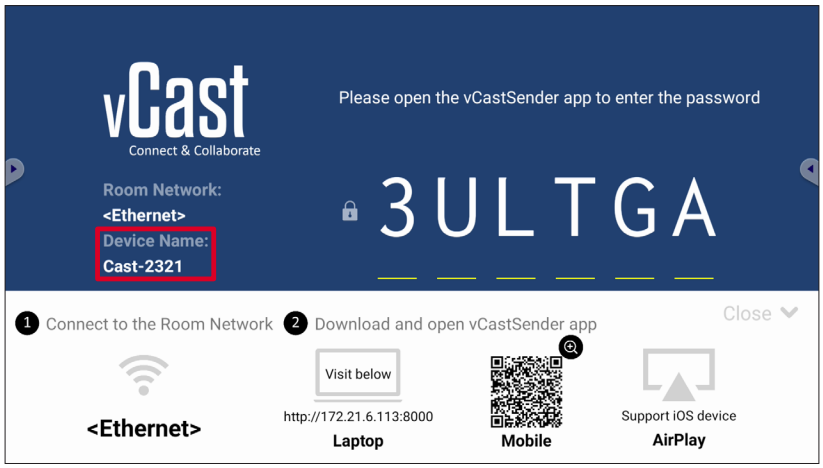
1. Ensure the client device (e.g., iPhone or iPad) is connected to the same network as the ViewBoard.

NOTE: The network name can be found under **Room Network**.



2. On the iOS client device, directly open AirPlay and select the **Device Name** of the ViewBoard to connect.

NOTE: The **Device Name** can be found as highlighted below:

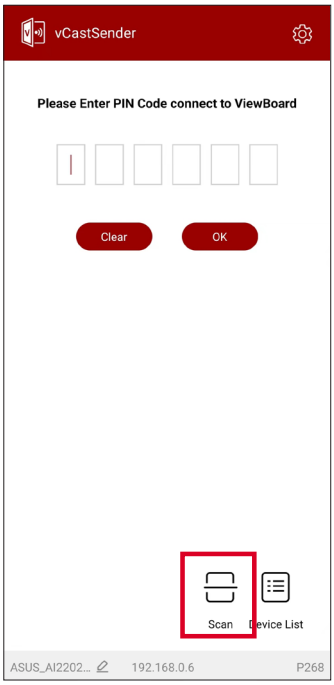


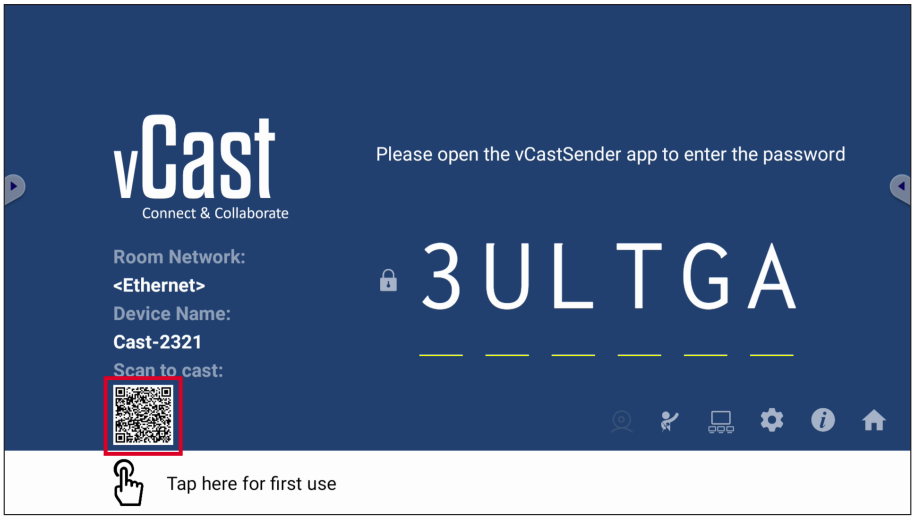
3. Input the generated on-screen **AirPlay Password** on the client device to connect.



NOTE: In a cross subnet environment, please download and connect with the vCastSender iOS application from the Apple App Store.

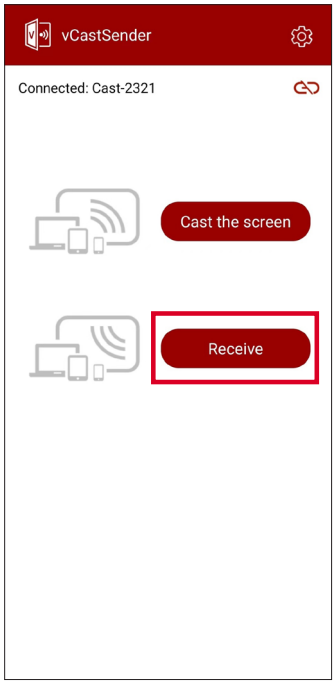
4. You can also connect to the ViewBoard by selecting **Scan** then placing the on-screen QR code into the box to automatically connect.

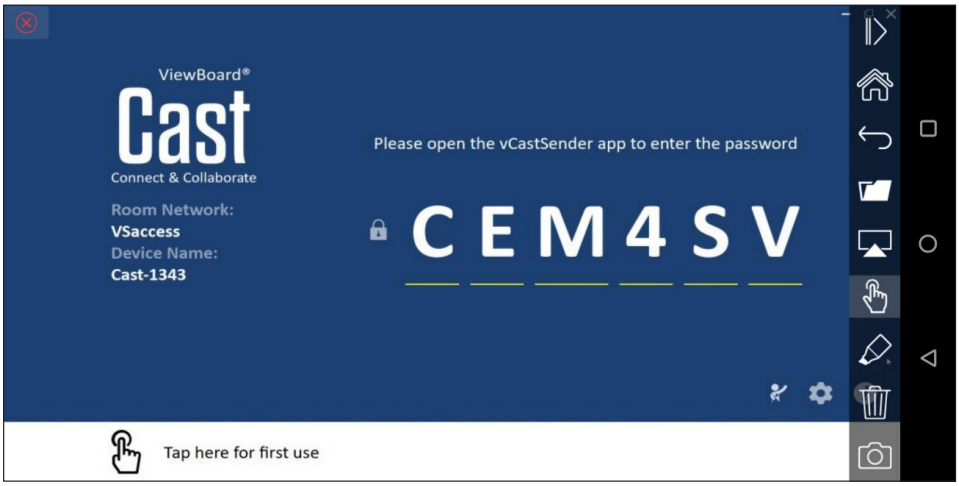




Connecting to a ViewBoard from a Mobile Device

Once connected, select **Receive**. The ViewBoard will appear on the mobile device with an on-screen toolbar. Users can interact with the ViewBoard with annotations, file sharing, etc.





Item		Description
	Toggle	Hide or display the toolbar.
	Home	Return to the Home interface.
	Return	Return to the previous operation.
	Folder	View or open the mobile device's files.
	Share	Cast the mobile device's screen to the connected ViewBoard or display.
	Touch	Remotely control the connected ViewBoard or display.
	Annotate	Make annotations, and adjust the pen color.
	Clear	Clear everything on screen.
	Camera	Send camera images to the connected ViewBoard or display.

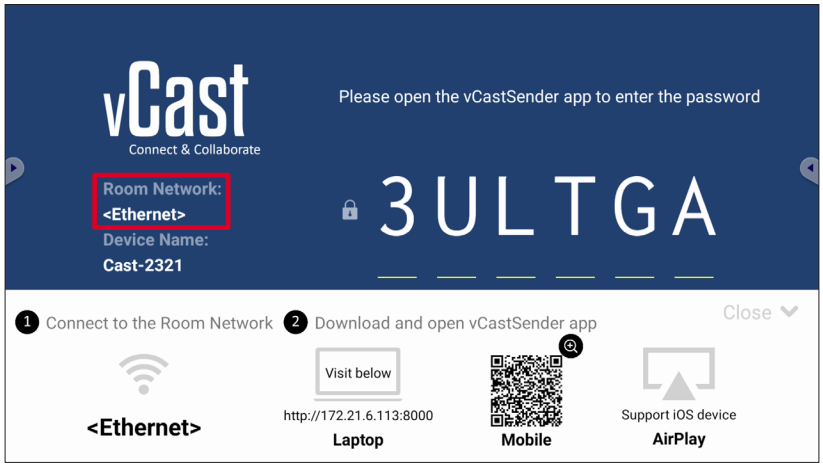
Casting with Chromecast

vCast supports native Chromecast screen sharing via the Chrome browser casting when the Chromecast feature is enabled.

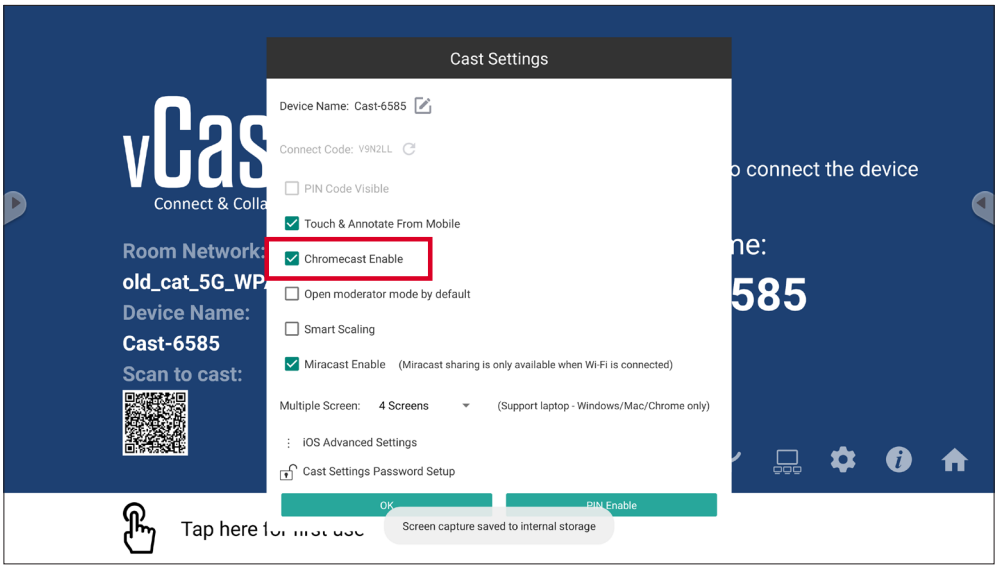
NOTE: Chromecast does not support password protection or multiple-screen casting.

1. Ensure the client device (e.g., laptop) is connected to the same network as the ViewBoard.

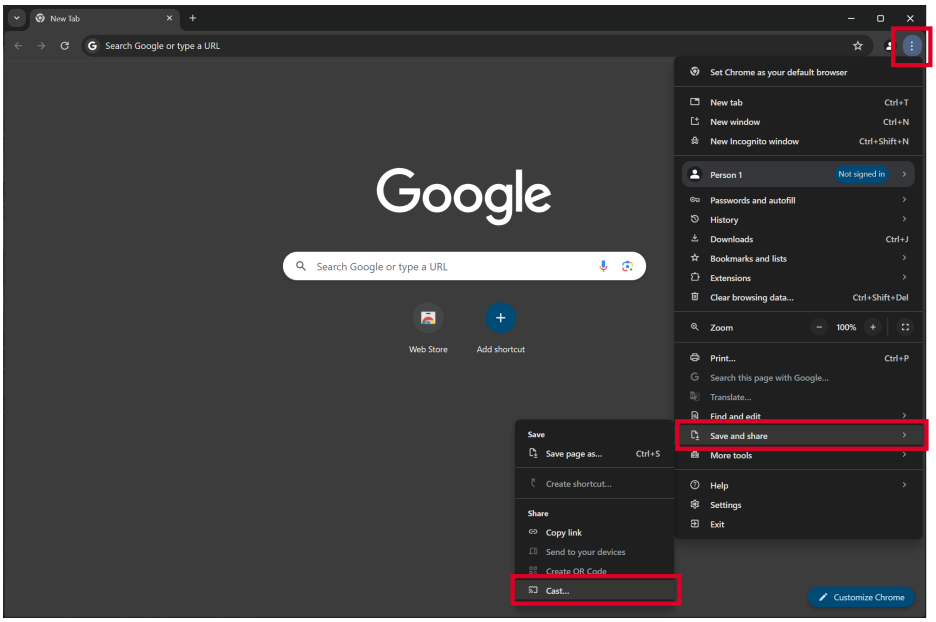
NOTE: The network name can be found under **Room Network**.

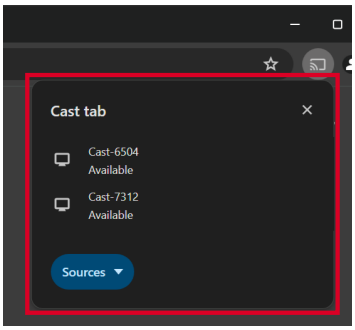


2. Ensure the **Chromecast Enable** checkbox is selected in the vCast settings.



3. In the Chrome browser, go to: **Settings** > **Save and share** > **Cast...** > Select the screen to cast to.





Casting with Miracast

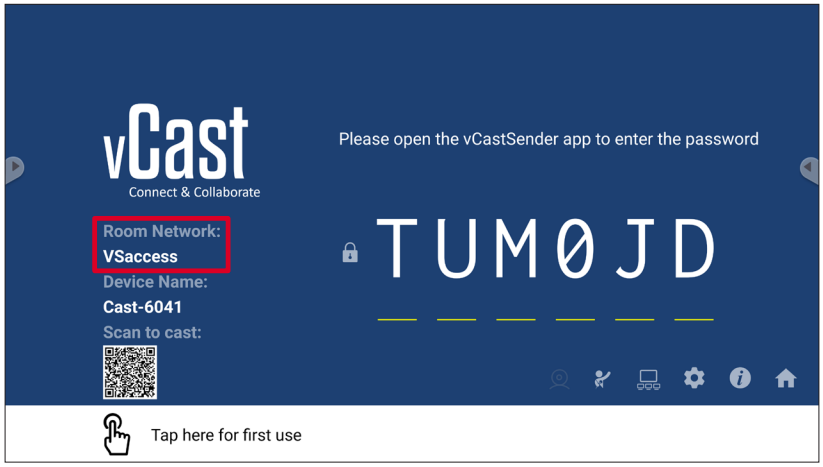
vCast supports native Miracast to cast content from Windows and Android devices to a ViewBoard when the Miracast feature is enabled.

NOTE:

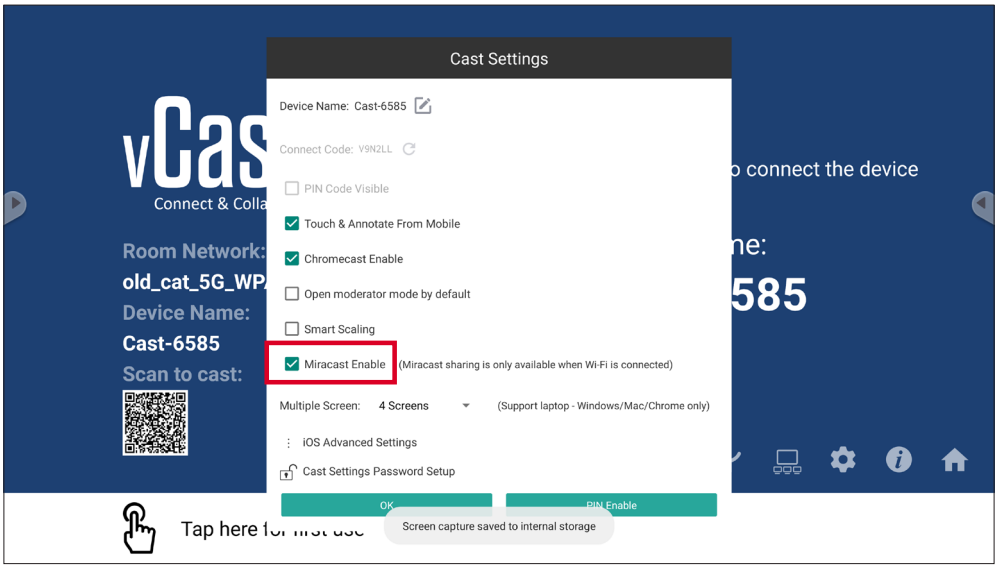
- Miracast does not support password protection or multiple-screen casting.
- Miracast sharing is only available over Wi-Fi.
- Miracast will automatically turn off after being idle for one hour.

1. Ensure the client device (e.g., laptop) is connected to the same network as the ViewBoard.

NOTE: The network name can be found under **Room Network**.



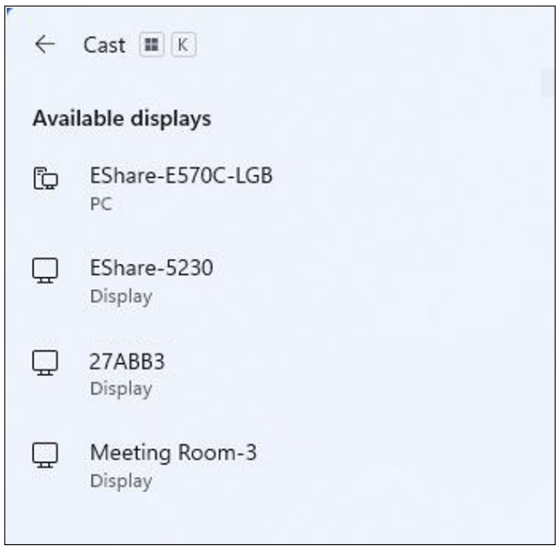
2. Ensure the **Miracast Enable** checkbox is selected in the vCast settings.



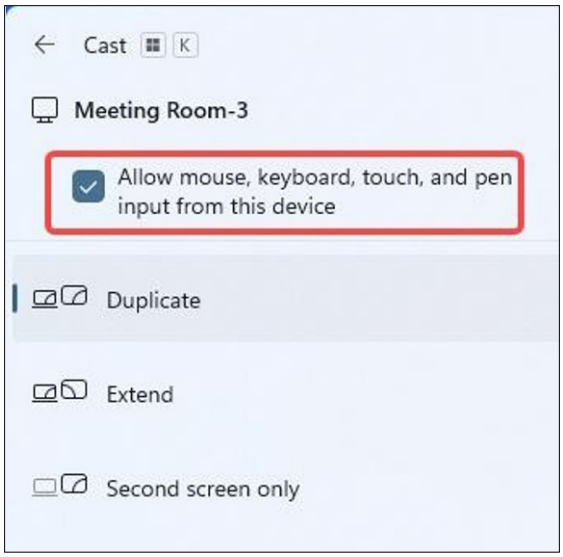
3. Please follow the below steps to cast:

For Windows devices:

1. On the Windows device, press Win + K and select the display to cast to.



2. Select the checkbox “Allow mouse, keyboard, touch, and pen input from the device” to enable the touch feedback feature.



For Android devices:

On the Android device, directly select Cast/Smart View/Wireless Projection then select the display to cast to.

Appendix

Specifications

Category	Item	Specifications
Core	CPU	MediaTek MT8195
Graphic	Chipset	GPU: Mali G57 MC5 NPU: 4.8Tops
Memory	Memory	Slot type: LP-DDR4x Size: 8GB
I/O	Ports	1 x HDMI IN (v. 2.0, 4K@60Hz)[1] 1 x HDMI OUT (v. 2.0, 4K@60Hz)[1] 1 x RJ45 (LAN) 3 x USB 3.0 Type A 1 x USB 3.0 Type C (Data only, no PD support, 5V/900mA) 1 x Analog audio-in(3.5 mm, mic-in) 1 x Analog audio-out (3.5 mm) 3 x Antenna
Physical	Dimensions (mm)	200 x 118 x 30 mm
	Dimensions (in.)	7.87” x 4.65” x 1.18”
	Weight (kg)	0.70 kg
	Weight (lbs.)	1.54 lbs
Operating Conditions	Altitude	< 5000 m
	Humidity	10% ~ 90% (non-condensing)
	Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Conditions	Altitude	< 5000 m
	Humidity	10% ~ 90% (non-condensing)
	Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Power	Voltage	12~19V DC
	Consumption	36W

[1] Does not support CEC.

Category	Item	Specifications
Wi-Fi Module	Form Factor	Wi-Fi 6 (IEEE 802.11 a/b/g/n/ac/ax Wi-Fi 2T/2R+)
		Bluetooth 5.2 (V2.1/4.2/5.2 USB2.0/3.0 Module)
	Frequency Range and Output Power (Max.)	Typical RF Output Power at each RF chain, at a room temperature of 25°C (77°F) <u>2.4G</u> • 14±2dBm VHT20 at MCS0~7 • 13±2dBm VHT20 at MCS8~9 • 14±2dBm VHT40 at MCS0~7 • 13±2dBm VHT40 at MCS8~9 <u>5G</u> • 14±2dBm VHT20 at MCS0~7 • 13±2dBm VHT20 at MCS8~9 • 14±2dBm VHT40 at MCS0~7 • 13±2dBm VHT40 at MCS8~9 • 13±2dBm VHT80 at MCS0~9

Regulatory and Service Information

Compliance Information

This section addresses all connected requirements and statements regarding regulations. Confirmed corresponding applications shall refer to nameplate labels and relevant markings on the unit.

FCC Compliance Statement

FCC ID: GSS-VS19699

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

FCC Radiation Exposure Statement

This device complies with FCC: radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This device should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

The user manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the Party responsible for compliance could void the user’s authority to operate the equipment.

Industry Canada Statement

IC ID: 4280A-VS19699

CAN ICES-003(B) / NMB-003(B)

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Industry Canada license-exempt RSS standard(s): Operation is subject to the following Two conditions:(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Restrictions in the 5 GHz Band

Within the 5.15 to 5.25 GHz band, UNII devices will be restricted to indoor operations to reduce any potential for harmful interference to co-channel Mobile Satellite System (MSS) operations.

Restrictions Dans la Bande de 5 GHz

Dans la bande de 5,15 à 5,25 GHz, les appareils UNII seront restreints aux opérations intérieures pour réduire toute possibilité d'interférence pouvant nuire aux opérations du Système satellite mobile dans le même canal(MSS).

This radio transmitter [4280A-VS19699] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum Permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

— Le présent émetteur radio [4280A-VS19699] a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés cidessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué pour.

Antenna Info

Antenna type : External antenna

Manufacturer : Shenzhen Huadechang Technology Co., Ltd

Model name : HDC-300

Antenna gain : 5dBi

Connector type : RP-SMA (SMA Straight Plug Reverse for RG-178)

Country Code Statement

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

Pour les produits disponibles aux États-Unis/Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

IC Radiation Exposure Statement

This device complied with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with minimum distance 20cm between the radiator & your body. The device for the band 5150-5825 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems.

Cet équipement est conforme aux limits d'exposition aux rayonnements IC établies pour un environnement non contrôlê. Cet équipement do it être installé et utilize avec un minimum de 20cm de distance entre la source de rayonnement et votre corps. les dispositifs fonctionnant dans la bande 5150- 5825 MHz sont réservés uniquement pour une utilization à l'intérieur afin de réduire les risques de brouillage.

CE Conformity for European Countries

The device complies with the EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU and Radio Equipment Directive 2014/53/EU.

The following information is only for EU-member states:

The mark shown to the right is in compliance with the Waste Electrical and Electronic Equipment Directive 2012/19/EU (WEEE). The mark indicates the requirement NOT to dispose of the equipment as unsorted municipal waste, but use the return and collection systems according to local law.



The operating frequency bands and the maximum transmitted power limit are listed below:

2412-2472MHz (Wi-Fi 2.4GHz),

5180-5320MHz (Wi-Fi 5GHz),

5500-5700MHz (Wi-Fi 5GHz),

Max Output Power : under 20dBm

These devices comply with RF specifications when the device is used at 20 cm from your body.

Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems. La bande 5150-5250 MHz est réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage pré judiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.							
	BE	BG	CZ	DK	DE	EE	IE
	EL	ES	FR	HR	IT	CY	LV
	LT	LU	HU	MT	NL	AT	PL
	PT	RO	SI	SK	FI	SE	NO
	IS	LI	CH	TR	UK(NI)		

Para su uso en México

"La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada".

"Este equipo ha sido diseñado para operar con antenas tipo monopolo con ganancia de 5 dBi para 2.4 GHz y 5 GHz WLAN. El uso con este equipo de antenas que tengan una ganancia mayor que 5 dBi quedan prohibidas. La antena es única y la impedancia requerida es de 50 ohms".

Declaration of RoHS2 Compliance

This product has been designed and manufactured in compliance with Directive 2011/65/EU of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS2 Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

Substance	Proposed Maximum Concentration	Actual Concentration
Lead (Pb)	0.1%	< 0.1%
Mercury (Hg)	0.1%	< 0.1%
Cadmium (Cd)	0.01%	< 0.01%
Hexavalent Chromium ($Cr6^{+}$)	0.1%	< 0.1%
Polybrominated biphenyls (PBB)	0.1%	< 0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%	< 0.1%
Bis(2-ethylhexyl) phthalate (DEHP)	0.1%	< 0.1%
Butyl benzyl phthalate (BBP)	0.1%	< 0.1%
Dibutyl phthalate (DBP)	0.1%	< 0.1%
Diisobutyl phthalate (DIBP)	0.1%	< 0.1%

Certain components of products as stated above are exempted under the Annex III of the RoHS2 Directives as noted below:

- Copper alloy containing up to 4% lead by weight.
- Lead in high melting temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
- Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.
- Lead in dielectric ceramic in capacitors for a rated voltage of 125V AC or 250V DC or higher.

Indian Restriction of Hazardous Substances

Restriction on Hazardous Substances statement (India). This product complies with the “India E-waste Rule 2011” and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for the exemptions set in Schedule 2 of the Rule.

Product Disposal at End of Product Life

ViewSonic® respects the environment and is committed to working and living green. Thank you for being part of Smarter, Greener Computing. Please visit the ViewSonic® website to learn more.

USA & Canada:

https://www.viewsonic.com/us/go-green-with-viewsonic

Europe:

https://www.viewsonic.com/eu/go-green-with-viewsonic

Taiwan:

https://recycle.moenv.gov.tw/

For EU users, please contact us for any safety/accident issue experienced with this product:

ViewSonic Europe Limited
Haaksbergweg 75
1101 BR Amsterdam
Netherlands

+31 (0) 650608655

EPREL@viewsoniceurope.com

https://www.viewsonic.com/eu/

Copyright Information

Copyright© ViewSonic® Corporation, 2023. All rights reserved.

Macintosh and Power Macintosh are registered trademarks of Apple Inc.

Microsoft, Windows, and the Windows logo are registered trademarks of Microsoft Corporation in the United States and other countries.

ViewSonic® and the three birds logo are registered trademarks of ViewSonic® Corporation.

VESA is a registered trademark of the Video Electronics Standards Association. DPMS, DisplayPort, and DDC are trademarks of VESA.

Disclaimer: ViewSonic® Corporation shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from furnishing this material, or the performance or use of this product.

In the interest of continuing product improvement, ViewSonic® Corporation reserves the right to change product specifications without notice. Information in this document may change without notice.

No part of this document may be copied, reproduced, or transmitted by any means, for any purpose without prior written permission from ViewSonic® Corporation.

VPC-A31-O1_UG_ENG_1f_20241004

Customer Service

For technical support or product service, see the table below or contact your reseller.

NOTE: You will need the product's serial number.

Country/ Region	Website	Country/ Region	Website
Asia Pacific & Africa			
Australia	www.viewsonic.com/au/	Bangladesh	www.viewsonic.com/bd/
中国 (China)	www.viewsonic.com.cn	香港 (繁體中文)	www.viewsonic.com/hk/
Hong Kong (English)	www.viewsonic.com/hk-en/	India	www.viewsonic.com/in/
Indonesia	www.viewsonic.com/id/	Israel	www.viewsonic.com/il/
日本 (Japan)	www.viewsonic.com/jp/	Korea	www.viewsonic.com/kr/
Malaysia	www.viewsonic.com/my/	Middle East	www.viewsonic.com/me/
Myanmar	www.viewsonic.com/mm/	Nepal	www.viewsonic.com/np/
New Zealand	www.viewsonic.com/nz/	Pakistan	www.viewsonic.com/pk/
Philippines	www.viewsonic.com/ph/	Singapore	www.viewsonic.com/sg/
臺灣 (Taiwan)	www.viewsonic.com/tw/	ประเทศไทย	www.viewsonic.com/th/
Việt Nam	www.viewsonic.com/vn/	South Africa & Mauritius	www.viewsonic.com/za/
Americas			
United States	www.viewsonic.com/us	Canada	www.viewsonic.com/us
Latin America	www.viewsonic.com/la		
Europe			
Europe	www.viewsonic.com/eu/	France	www.viewsonic.com/fr/
Deutschland	www.viewsonic.com/de/	Қазақстан	www.viewsonic.com/kz/
Россия	www.viewsonic.com/ru/	España	www.viewsonic.com/es/
Türkiye	www.viewsonic.com/tr/	Україна	www.viewsonic.com/ua/
United Kingdom	www.viewsonic.com/uk/		


ViewSonic®