

# VPC-A31-01

## 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-A31-01

## **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

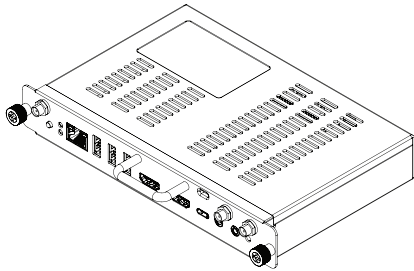
<b>Introduction .....</b>	<b>6</b>
Package Contents .....	6
Product Overview .....	7
<b>Initial Setup .....</b>	<b>8</b>
Installing the VPC-A31-O1 .....	8
<b>Making Connections .....</b>	<b>10</b>
Network Connection.....	10
USB Connection .....	10
<b>Using the Device.....</b>	<b>11</b>
Selecting an Input Source .....	11
IFP Series .....	11
CDE Series.....	12
IFPG1 Series.....	12
Initial Launch Setup .....	13
Home Screen (Launcher Scheme).....	17
Toolbar .....	18
Toolbar Icons.....	19
Control and Notification Panel .....	20
Applications .....	21

<b>Settings .....</b>	<b>22</b>
Network & Internet .....	22
Connected Devices .....	23
Apps .....	24
Notifications .....	25
Storage .....	27
Sound.....	28
Display .....	29
Wallpaper .....	30
Accessibility .....	31
Security.....	33
Privacy .....	34
Location .....	36
Passwords & Accounts.....	37
Digital Wellbeing .....	38
Google .....	39
System .....	40
About Device .....	41
Tips & Support.....	42
ViewBoard Settings Menu Tree .....	43

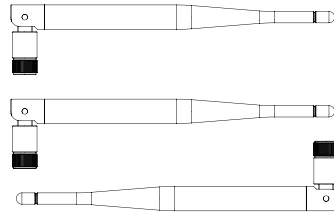
<b>Pre-installed Applications and Settings.....</b>	<b>70</b>
myViewBoard Display.....	70
myViewBoard Manager .....	71
myViewBoard Whiteboard .....	72
vCast .....	75
Display Group Settings .....	77
Synchronized Group Screen All the Time .....	79
Share a Screen to the Display Group (One to Many Casting).....	79
Moderator Mode .....	80
Broadcast .....	81
Multiple Screen Sharing .....	81
Preview Screen.....	81
Touch.....	81
Casting from Windows, MacBook, and Chrome Devices .....	82
Casting from Android Devices .....	84
Casting from Apple iOS Devices .....	87
Connecting to a ViewBoard from a Mobile Device .....	90
Casting with Chromecast.....	91
Casting with Miracast.....	93
<b>Appendix.....</b>	<b>95</b>
Specifications.....	95
<b>Regulatory and Service Information .....</b>	<b>97</b>
Compliance Information .....	97
FCC Compliance Statement.....	97
FCC Radiation Exposure Statement.....	97
Industry Canada Statement.....	98
Restrictions in the 5 GHz Band .....	98
Restrictions Dans la Bande de 5 GHz.....	98
Antenna Info .....	99
Country Code Statement.....	99
IC Radiation Exposure Statement.....	99
CE Conformity for European Countries .....	100
Para su uso en México.....	100
Declaration of RoHS2 Compliance.....	101
Indian Restriction of Hazardous Substances .....	102
Product Disposal at End of Product Life .....	102
Copyright Information .....	103
Customer Service .....	104

# Introduction

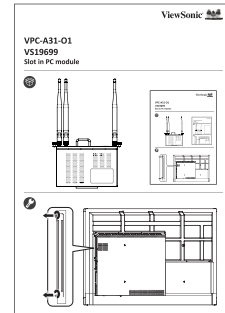
## Package Contents



VPC-A31-O1  
(with screw x 2)



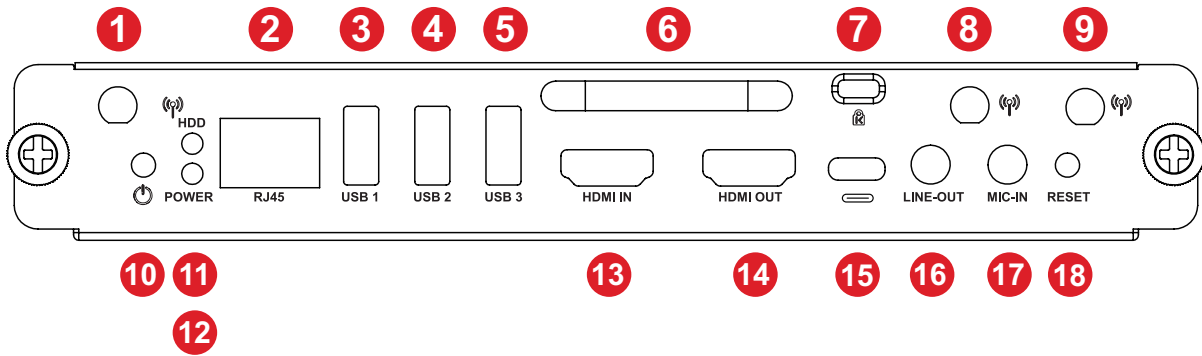
Antenna x 3

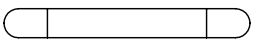





Quick Start Guide

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

# Product Overview

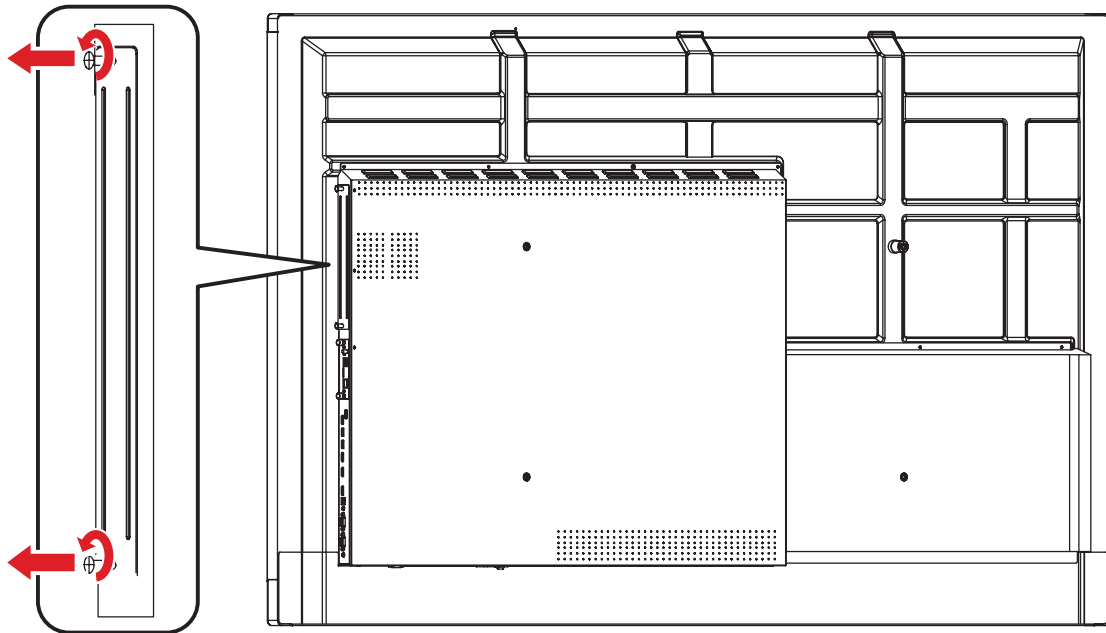


Number	Item	Description						
1	Antenna	Wi-Fi antenna interface						
2	RJ45	Standard RJ45 (10M/100M/1G) internet connection port <b>NOTE:</b> This network port is only used for PC.						
3	USB 1	USB 3.0 port						
4	USB 2	USB 3.0 port						
5	USB 3	USB 3.0 port						
6		Handle						
7		Security lock						
8	Antenna	2.4G antenna interface						
9	Antenna	Wi-Fi antenna interface						
10		Power button						
11	Status LED	Status indicator light (Green) <table border="1" data-bbox="614 1310 1372 1467"> <thead> <tr> <th>Mode</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Off</td> <td>Indicator light is off</td> </tr> <tr> <td>On</td> <td>Green indicator light is always on</td> </tr> </tbody> </table>	Mode	Description	Off	Indicator light is off	On	Green indicator light is always on
Mode	Description							
Off	Indicator light is off							
On	Green indicator light is always on							
12	Power LED	Power indicator light (Red) <table border="1" data-bbox="614 1534 1372 1691"> <thead> <tr> <th>Mode</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Off</td> <td>Indicator light is off</td> </tr> <tr> <td>On</td> <td>Red indicator light is flashing</td> </tr> </tbody> </table>	Mode	Description	Off	Indicator light is off	On	Red indicator light is flashing
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						
18	RESET	Reset button						

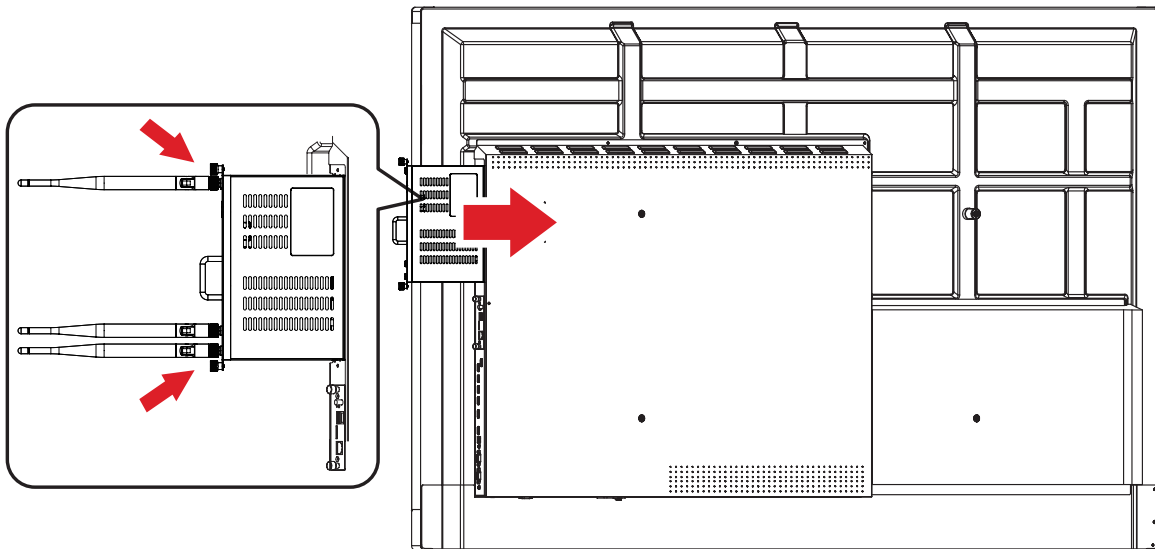
# Initial Setup

## Installing the VPC-A31-01

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



2. Using the handle of the VPC-A31-01, 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 9).
- The right installation direction is to avoid damage to the OPS terminal and maintain proper ventilation.



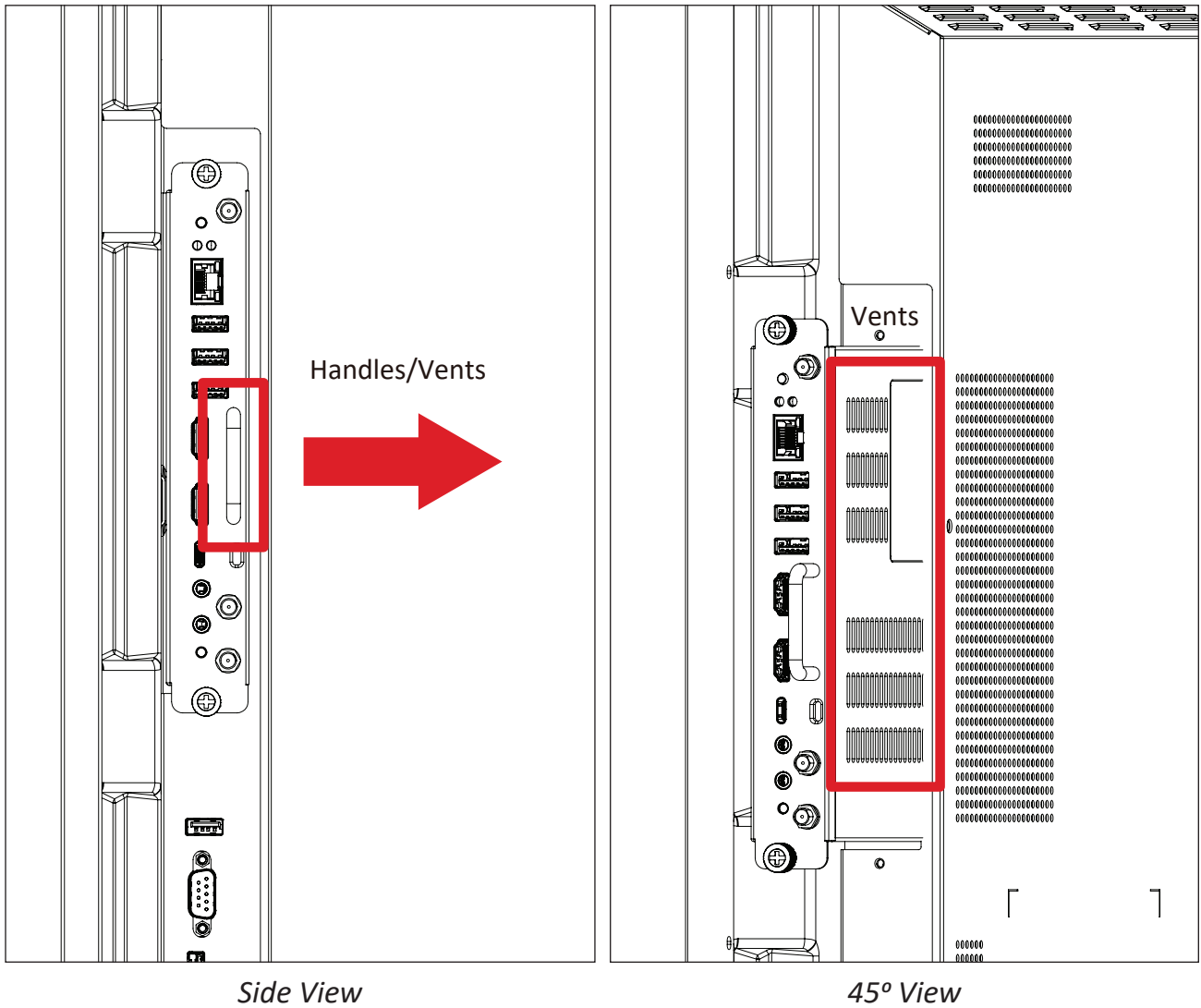


Figure 1

3. Secure the VPC-A31-O1 to the display with the two (2) included screws.

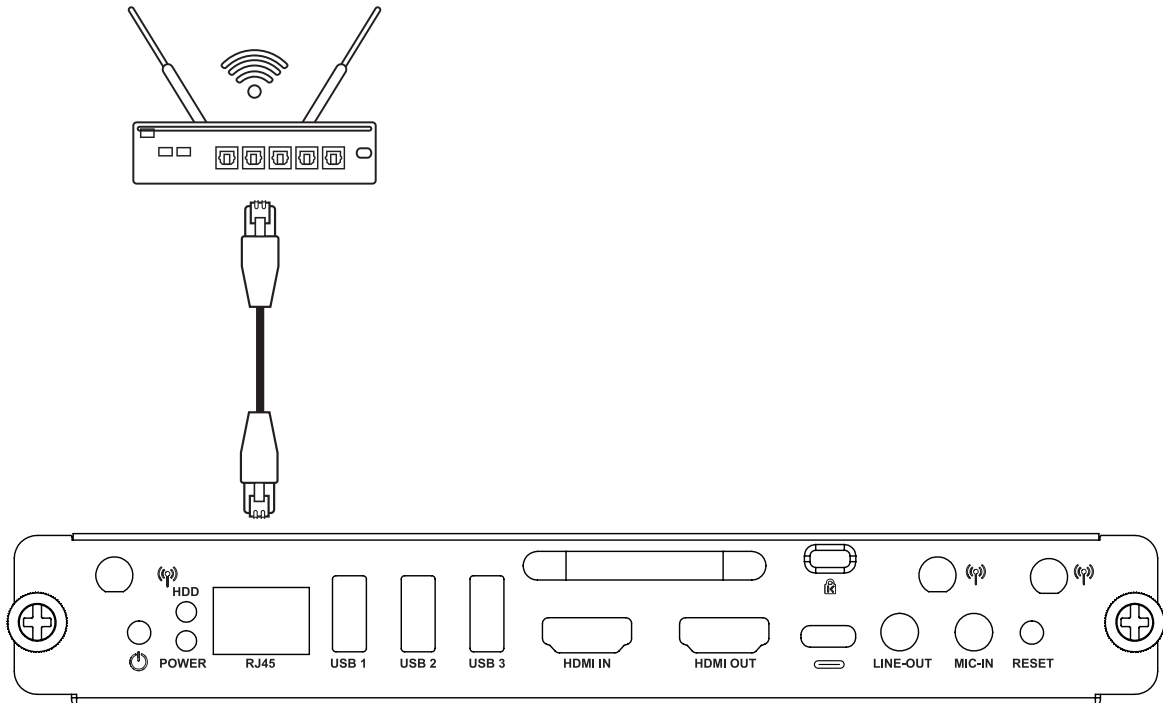
**NOTE:**

- Please note that the three (3) 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

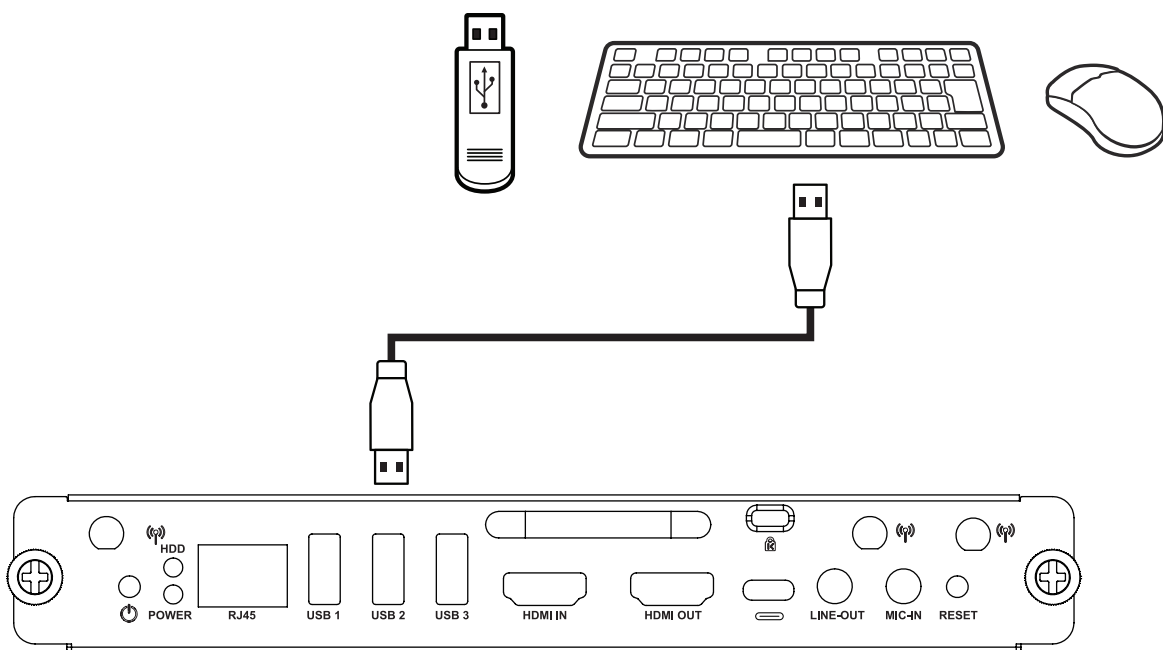
## Network Connection

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

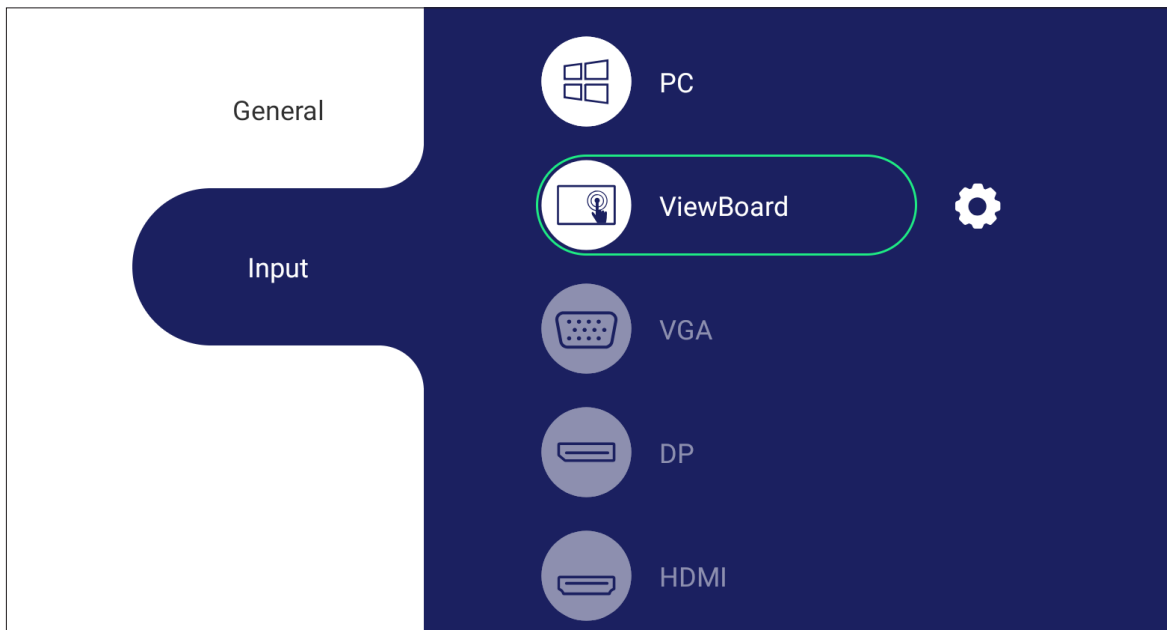
USB peripherals such as keyboards, mice, storage devices, etc. can be connected to the VPC-A31-O1's **USB 1**, **USB 2**, or **USB 3** port.





# Using the Device

## Selecting an Input Source

### IFP Series

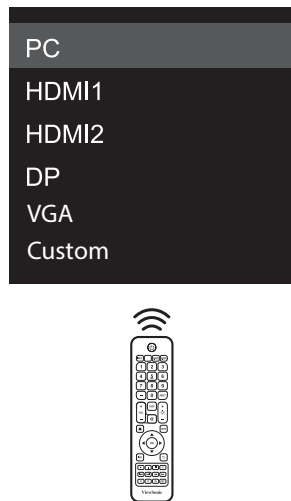


To select an input source:



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.

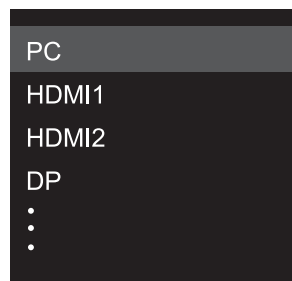
## CDE Series



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

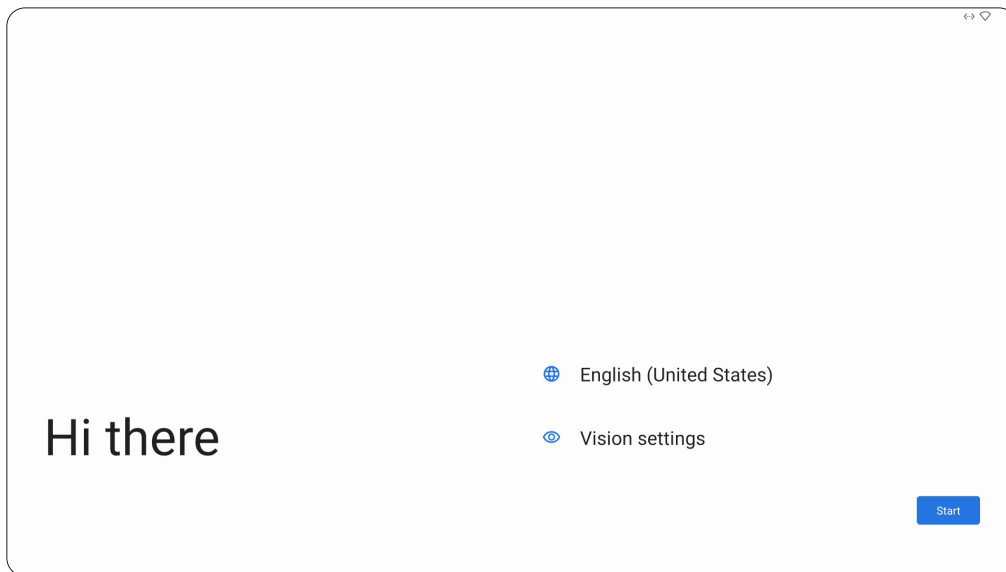
To select an input source:

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.

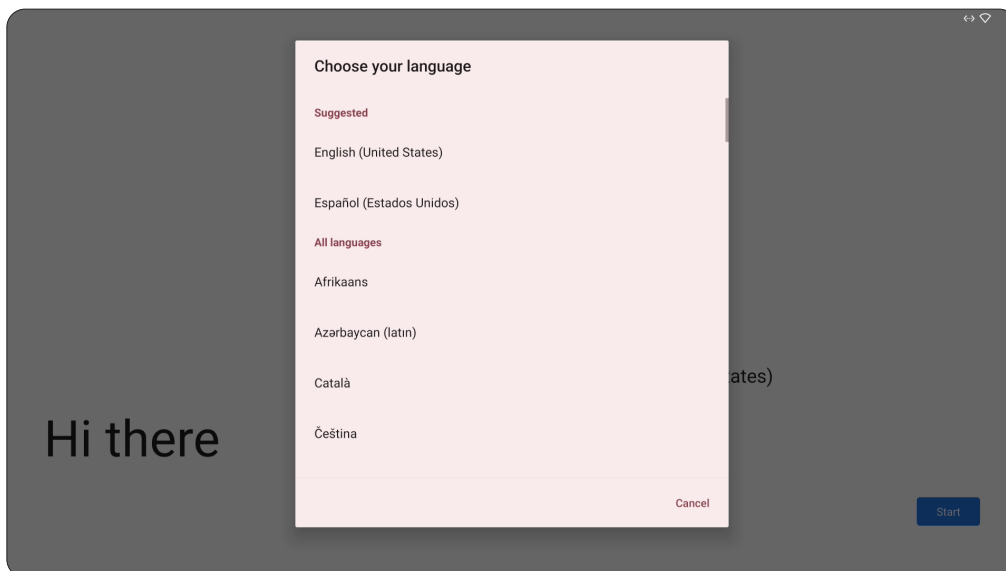
**NOTE:** The above image is for reference only and is subject to change without notice.

# Initial Launch Setup

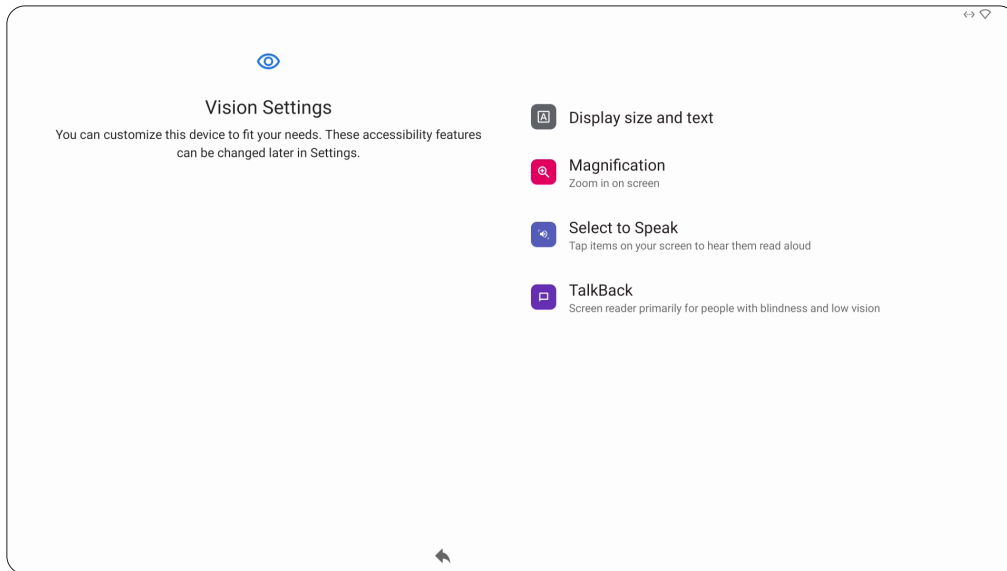
When you first turn ON your display, an initial setup wizard will launch.



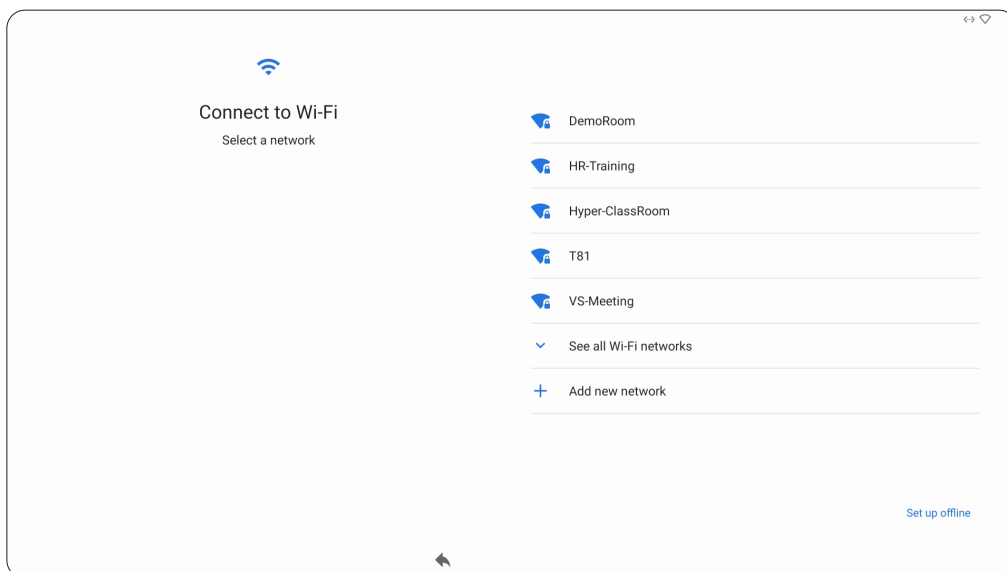
1. Choose your preferred Language.



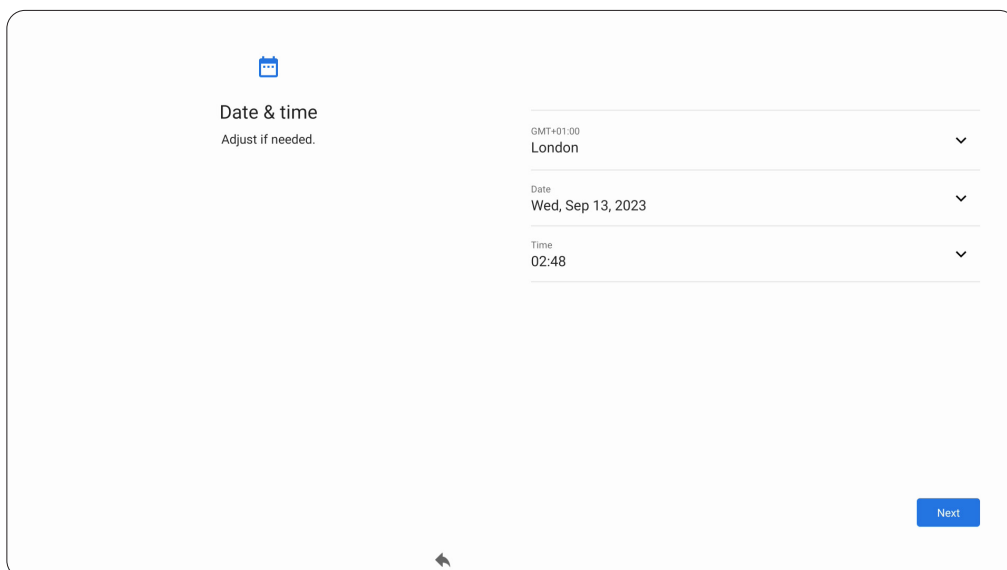
## 2. Adjust accessibility features as needed.



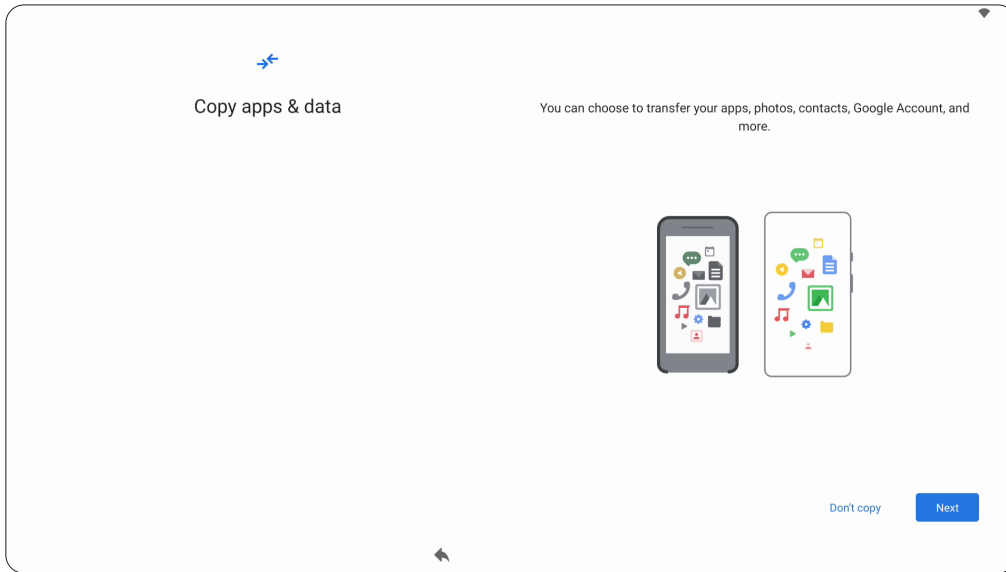
## 3. Setup and connect to a network.



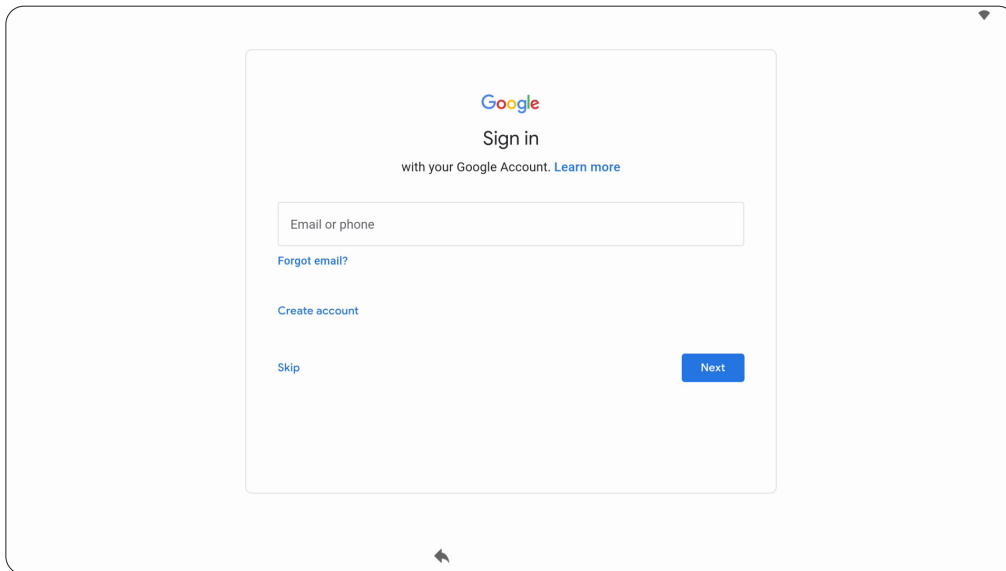
## 4. Set and adjust the Date and Time as needed.



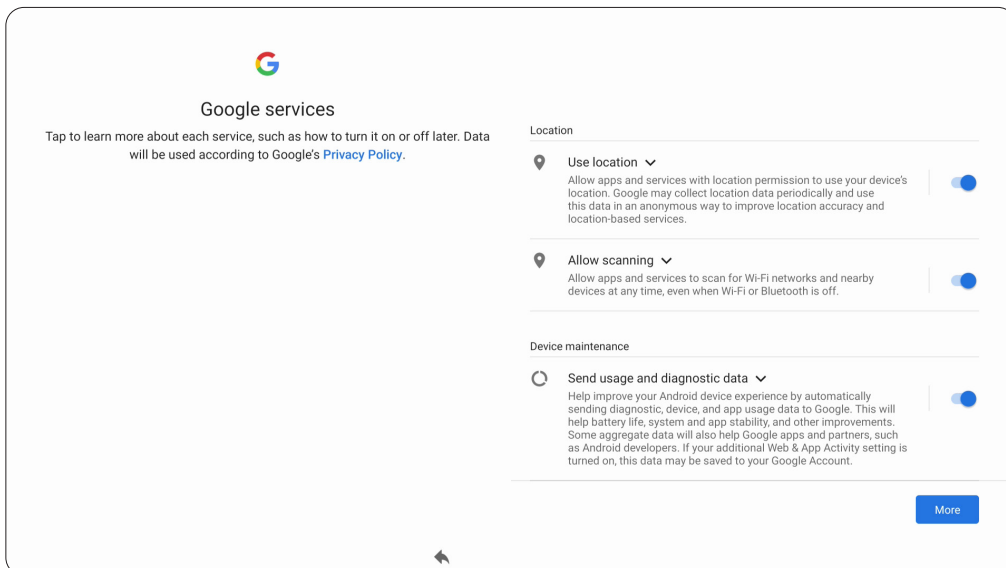
5. Copy your applications and data from another device to the display or select **Don't copy** to continue without copying anything.



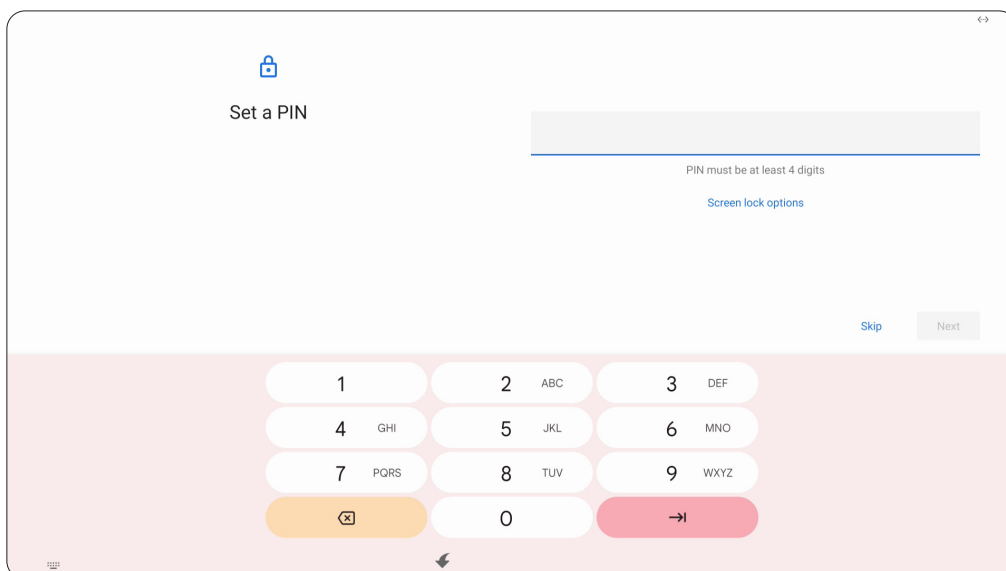
6. Sign in with a Google account, or select **Skip** to continue without signing in.



7. Accept or decline the Google services.



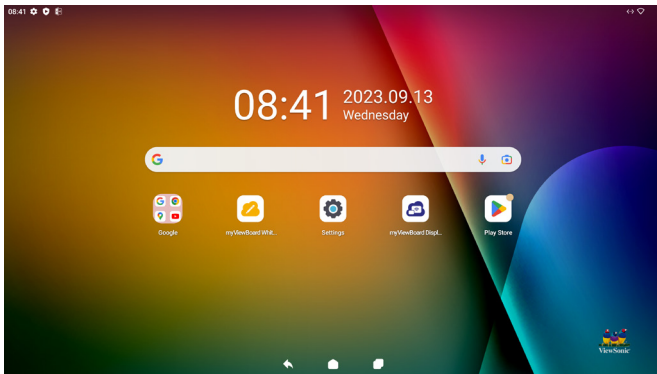
8. Set a PIN to setup a Screen lock, or select **Skip** to continue without setting one.



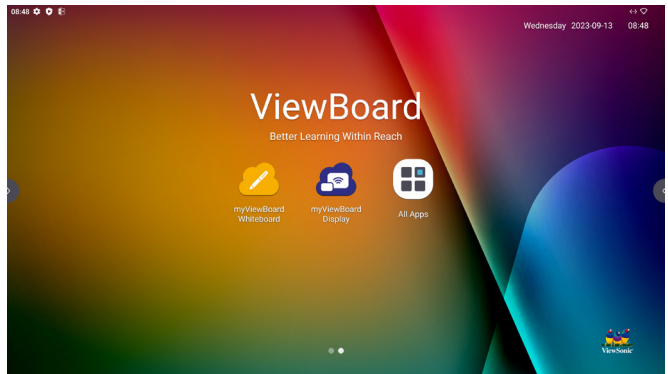


# Home Screen (Launcher Scheme)

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



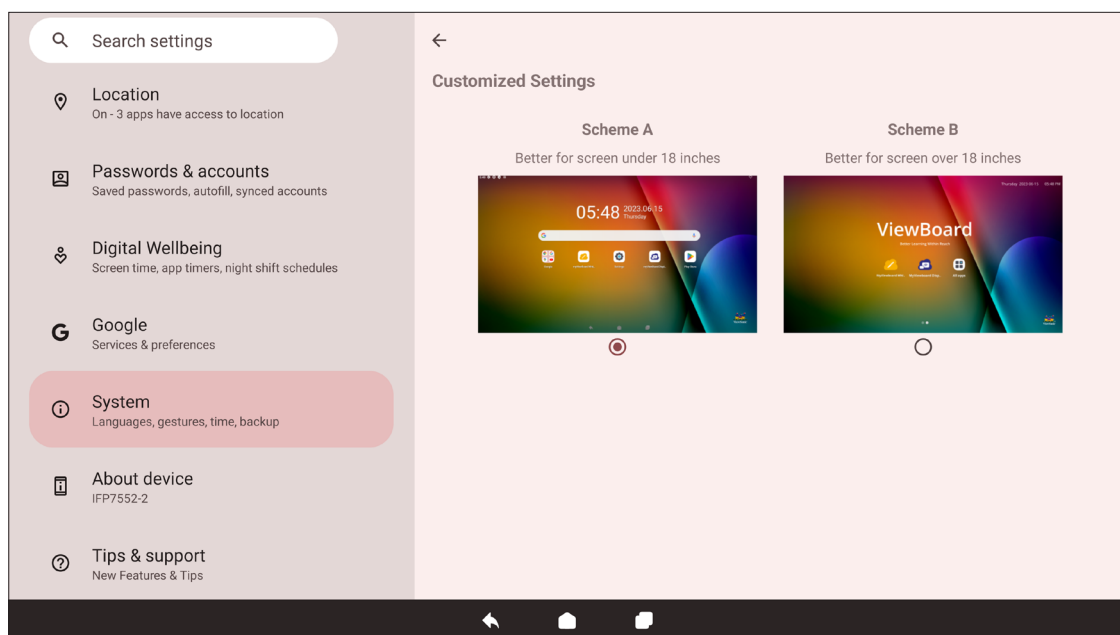
**Scheme A**



**Scheme B**

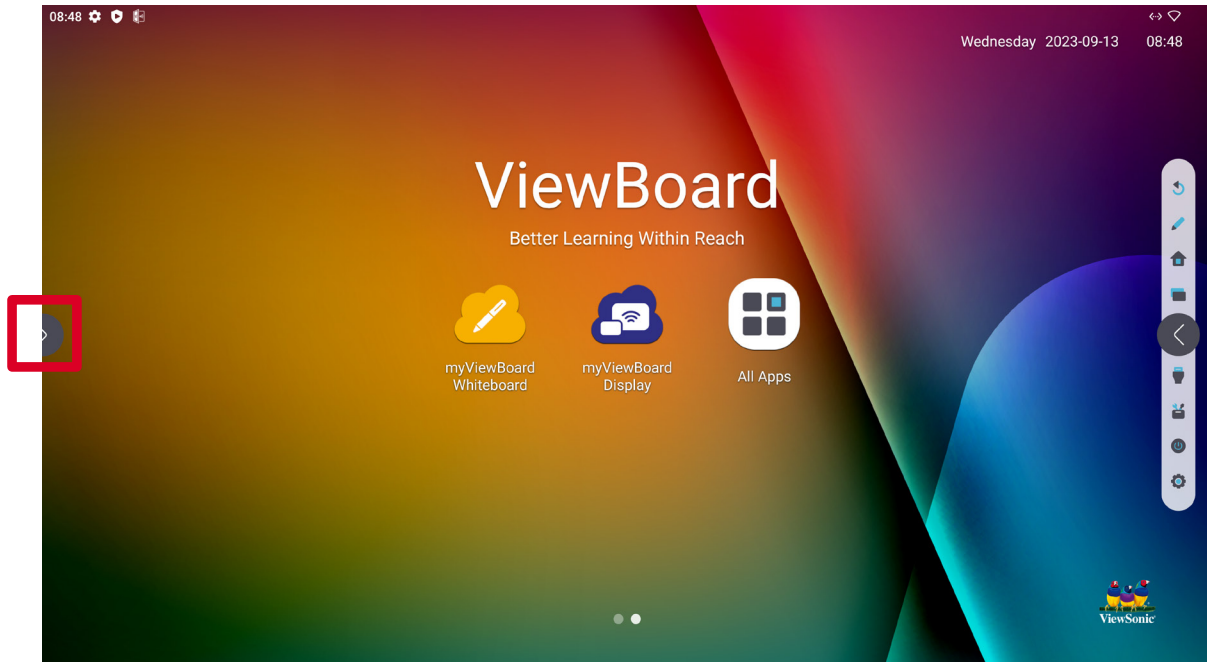
To change the scheme:

1. Go to: **Settings > System > Launcher Scheme**.
2. Select either **Scheme A** or **Scheme B**.

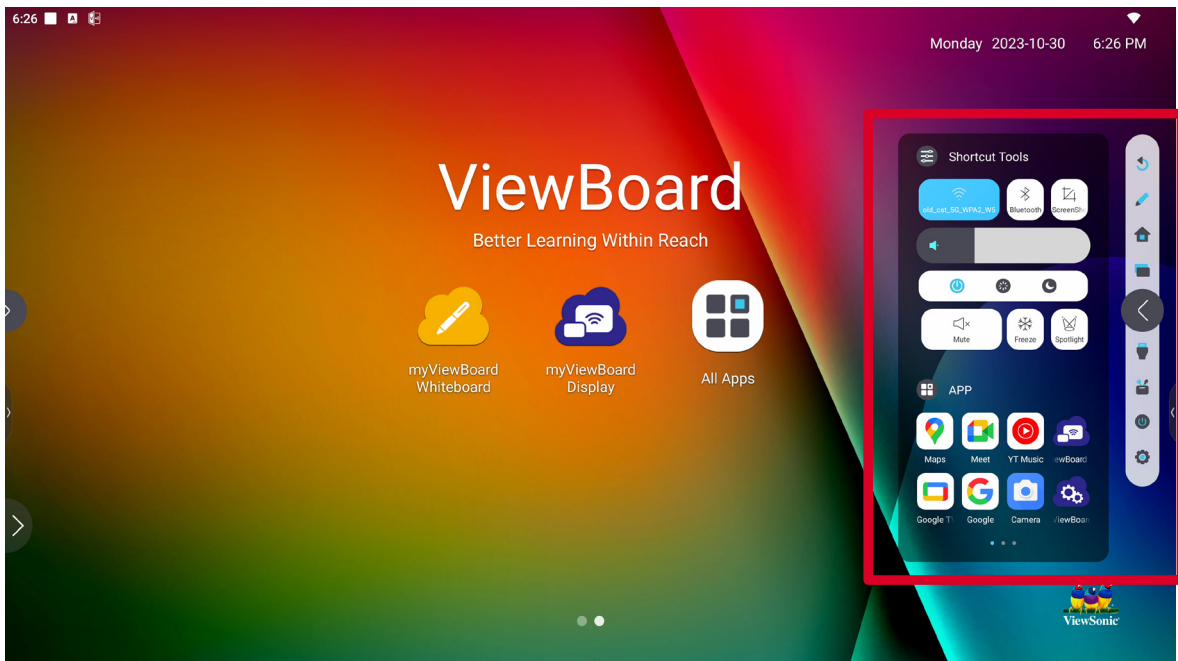


# Toolbar

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









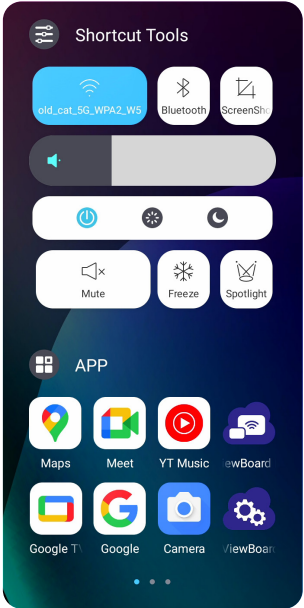


To launch an application or tool:



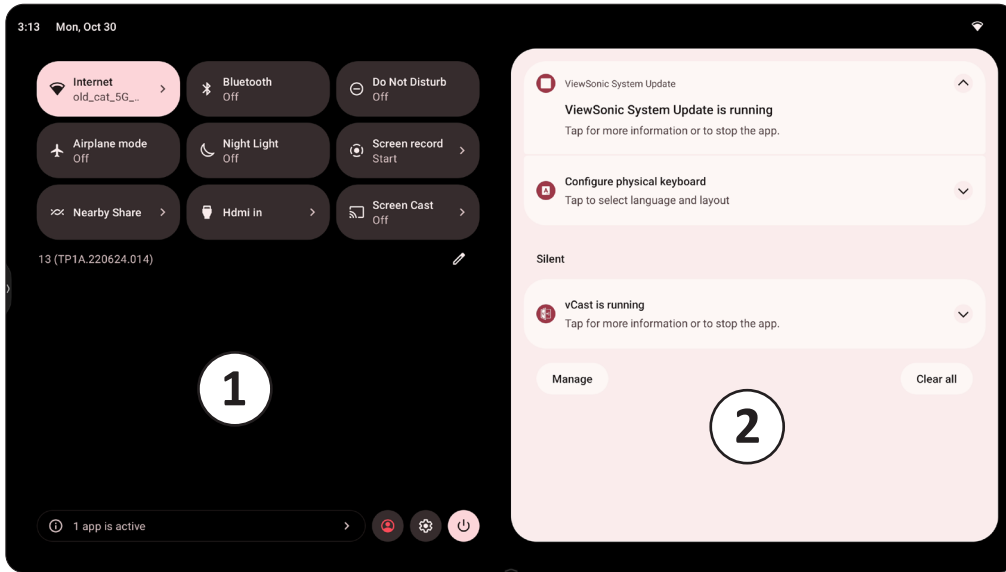
1. Select a Toolbar trigger icon.
2. Select the application or tool.



## Toolbar Icons

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

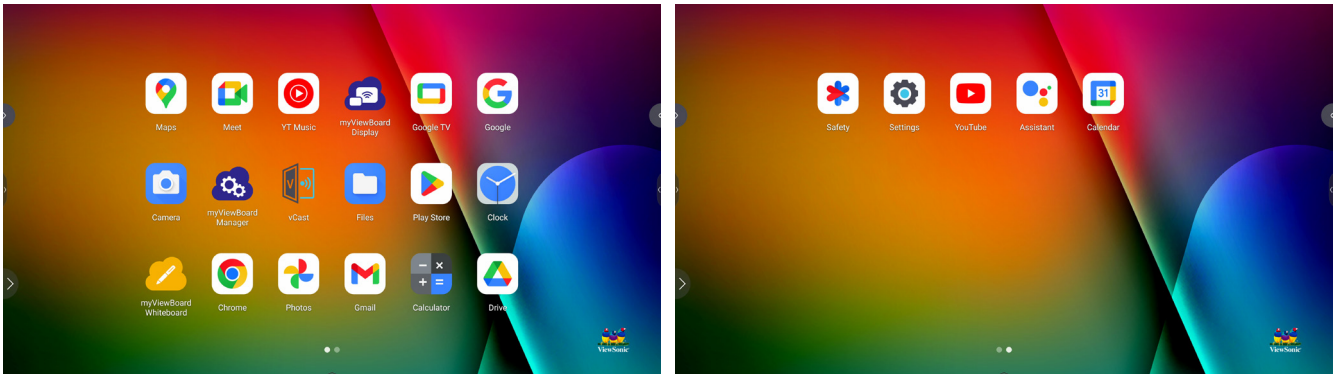
# Control and Notification Panel



Item		Description
1	Control Panel	<p>Access frequently used settings and tools.</p> <p><b>Internet</b>      <b>Bluetooth</b>      <b>Do Not Disturb</b></p> <p><b>Airplane Mode</b>      <b>Night Light</b>      <b>Screen Record</b></p> <p><b>Nearby Share</b>      <b>HDMI In</b>      <b>Screen Cast</b></p>
2	Notification Panel	<p>Receive and manage system and application notifications.</p>






# 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.

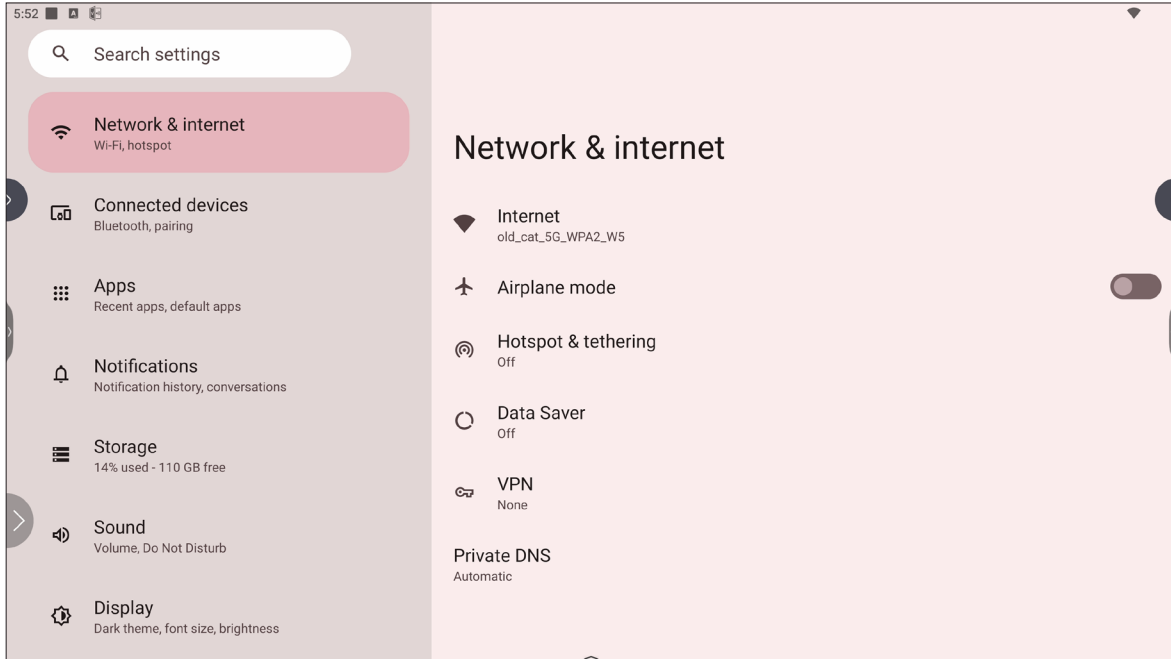
Icon	Description
	<u>myViewBoard Display</u> Wirelessly mirror screens to a larger display.
	<u>myViewBoard Manager</u> Remotely manage multiple installations of ViewSonic devices.
	<u>myViewBoard Whiteboard</u> A digital whiteboarding application.
	<u>Settings</u> Access the System Settings.
	<u>vCast</u> 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.



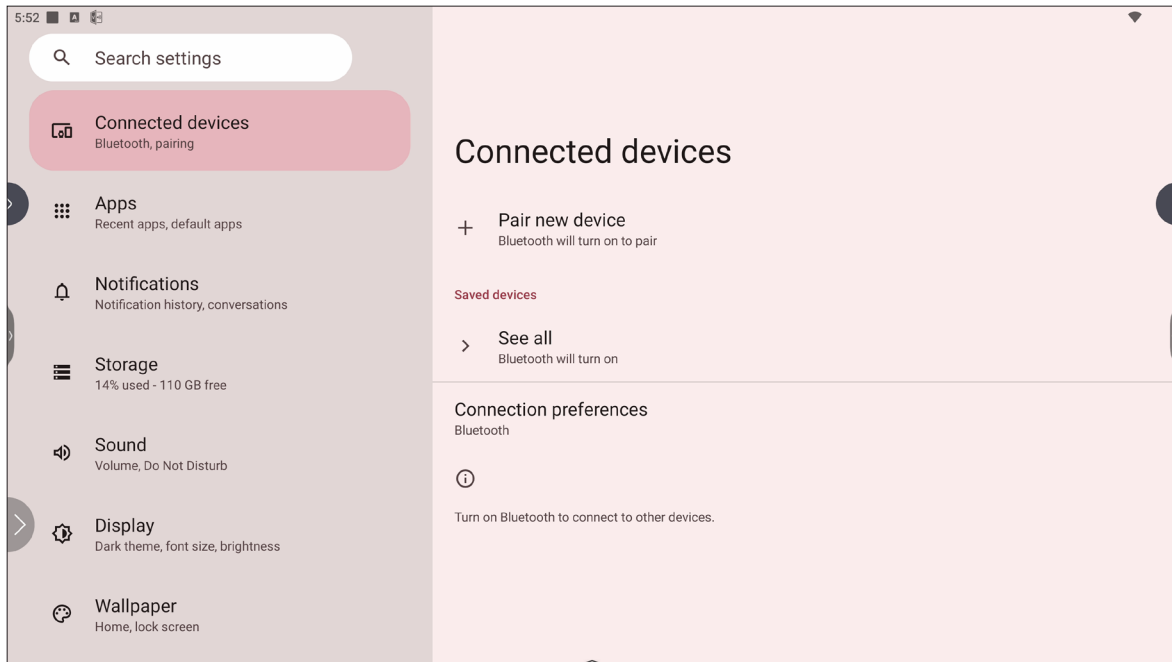
Item	Description
<b>Internet</b>	Set up and manage Ethernet and Wi-Fi connection, as well as Network preferences.
<b>Airplane Mode</b>	When enabled, all wireless communication will be turned off.
<b>Hotspot &amp; Tethering</b>	Set and share your internet connection with other devices.
<b>Data Saver</b>	When enabled, most apps and services will get background data via an internet connection. Active apps will not be affected.
<b>VPN</b>	Set up and manage Virtual Private Networks.
<b>Private DNS</b>	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

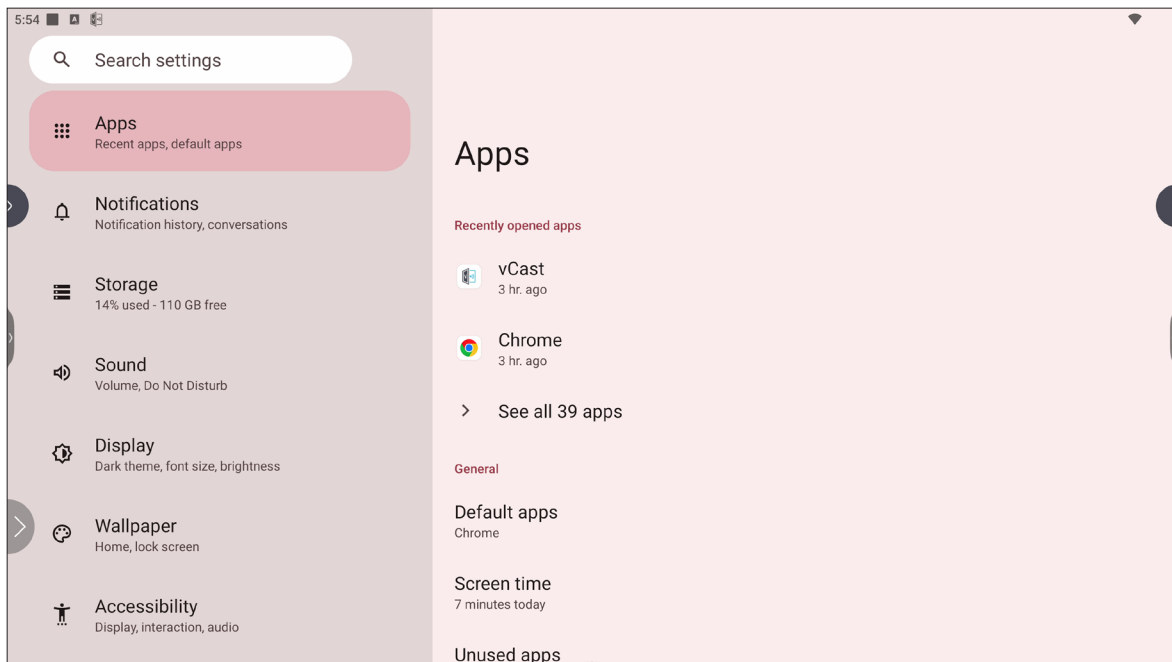
Set up and manage Bluetooth connections, saved devices, and connection preferences for Bluetooth, Casting, and Print Services.



Item	Description
<b>Pair New Device</b>	Enable Bluetooth to search for and connect to a Bluetooth device.
<b>Saved Devices</b>	View all previously connected Bluetooth devices. <b>NOTE:</b> Bluetooth will turn on.
<b>Connection Preferences</b>	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.

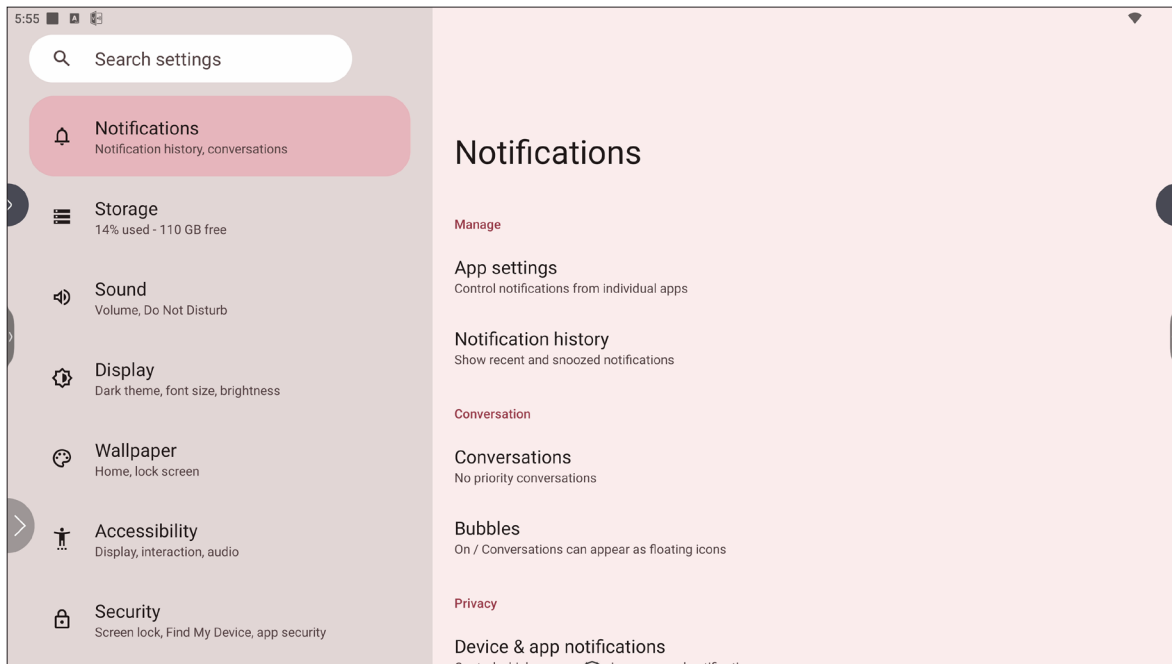


Item	Description
<b>Recently Opened Apps</b>	Any recently used applications will be listed here.
<b>Default Apps</b>	Set default applications for certain uses (e.g., default browser application).
<b>Screen Time</b>	Displays the total amount of time the ViewBoard has been in use by the day.
<b>Unused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



# Notifications

Manage notification and conversation settings and preferences.

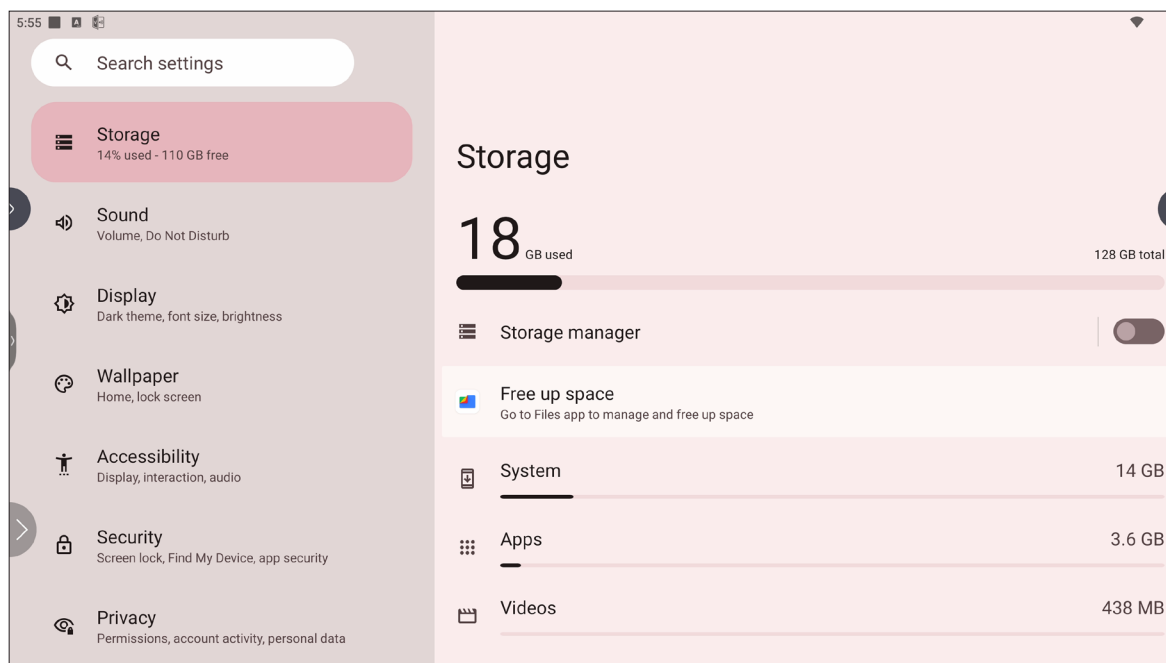


Item	Description
<b>App Settings</b>	Set up notification settings for individual applications.
<b>Notification History</b>	View recent notifications.
<b>Conversations</b>	Set previously received notifications or messages as priority.
<b>Bubbles</b>	When enabled, conversations can appear as a floating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

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

# Storage

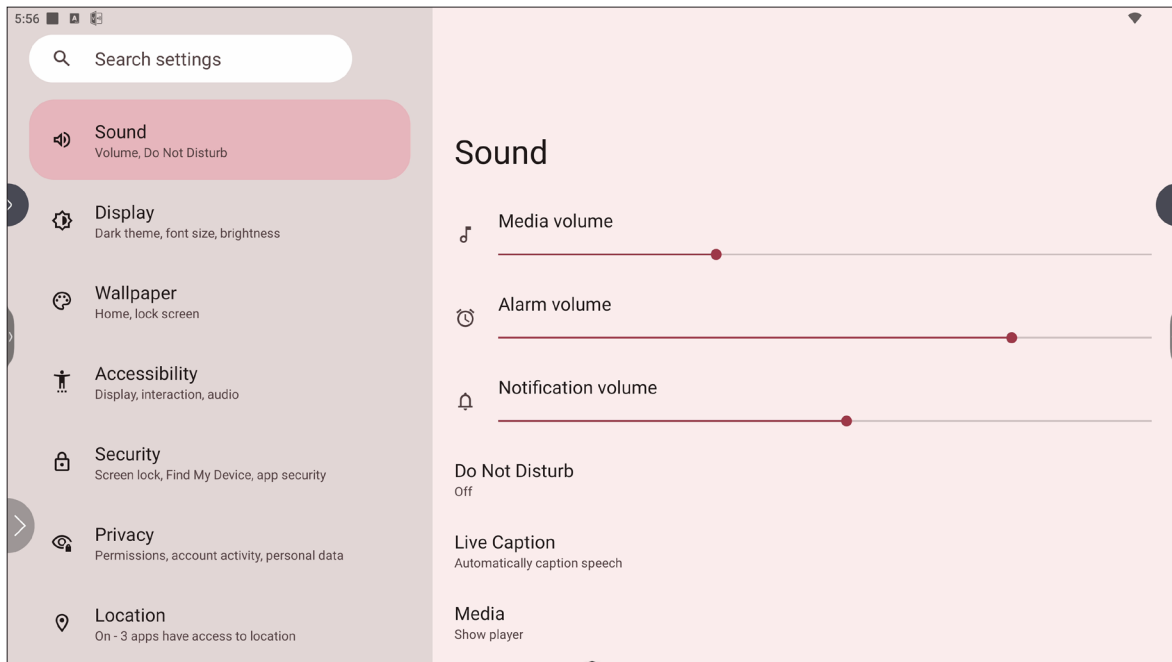
Check the storage status of the ViewBoard.



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

# Sound

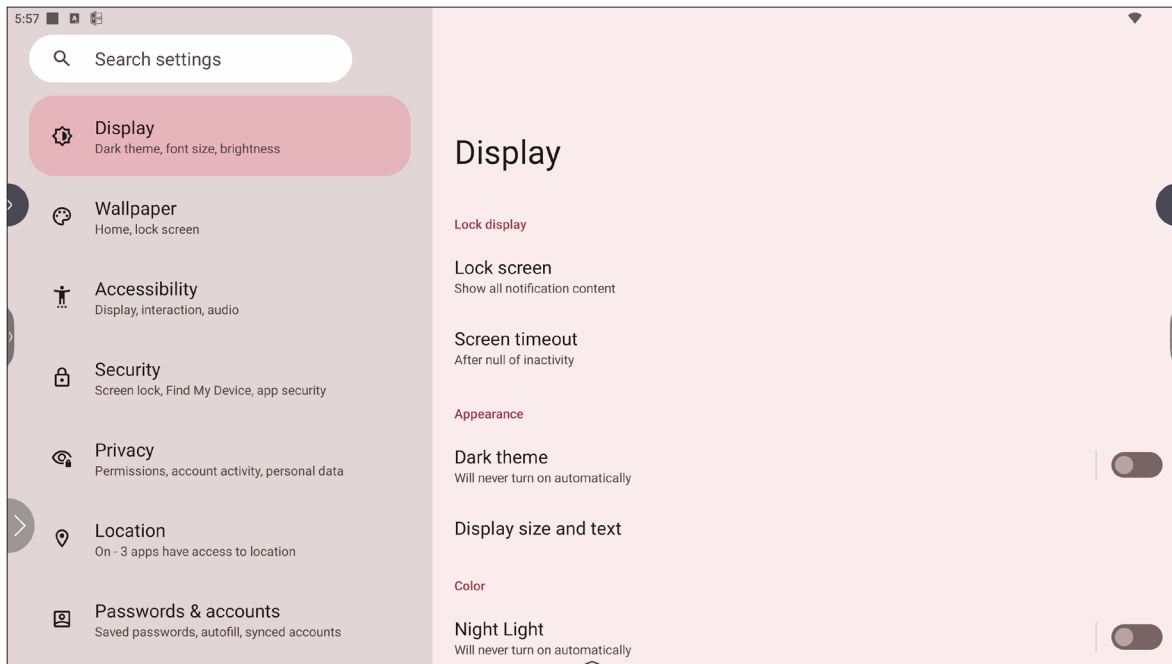
Adjust the volume level and set up various sound preferences.



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

# Display

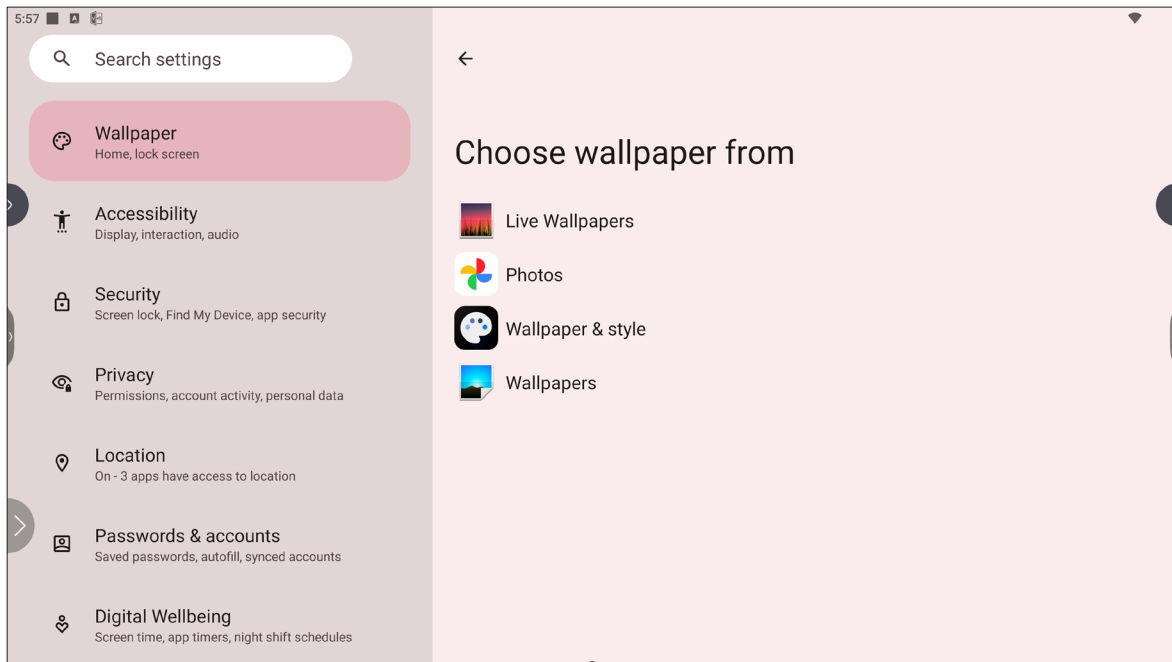
Adjust Timeout, Theme, HDMI CEC, and other display related settings.



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

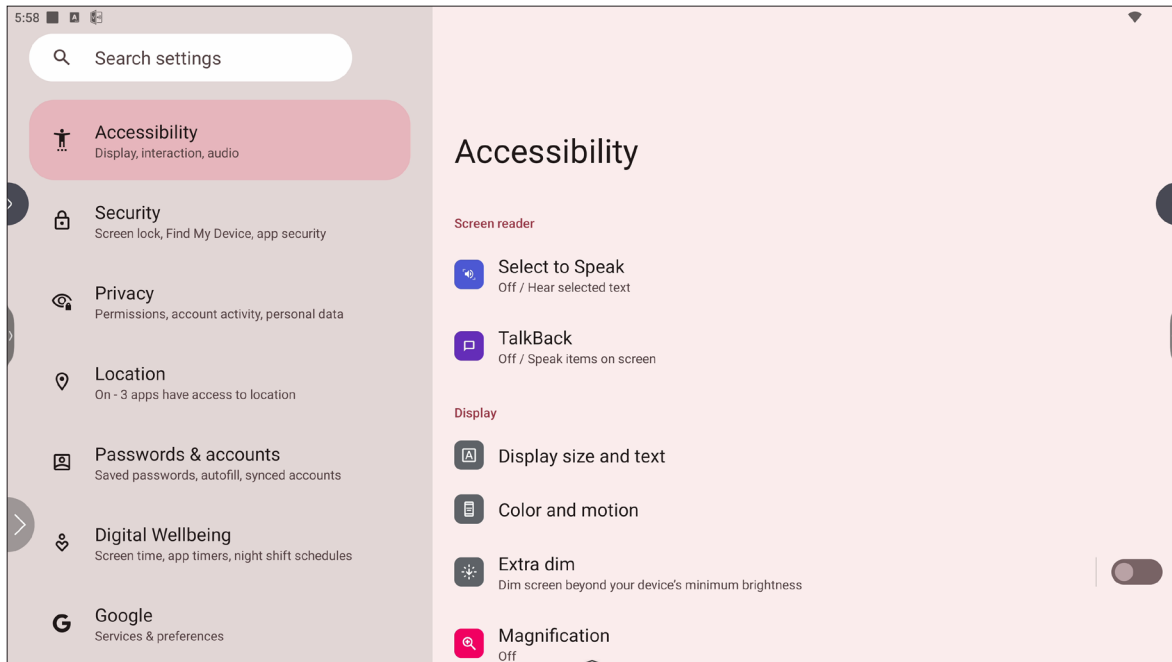
# Wallpaper

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.



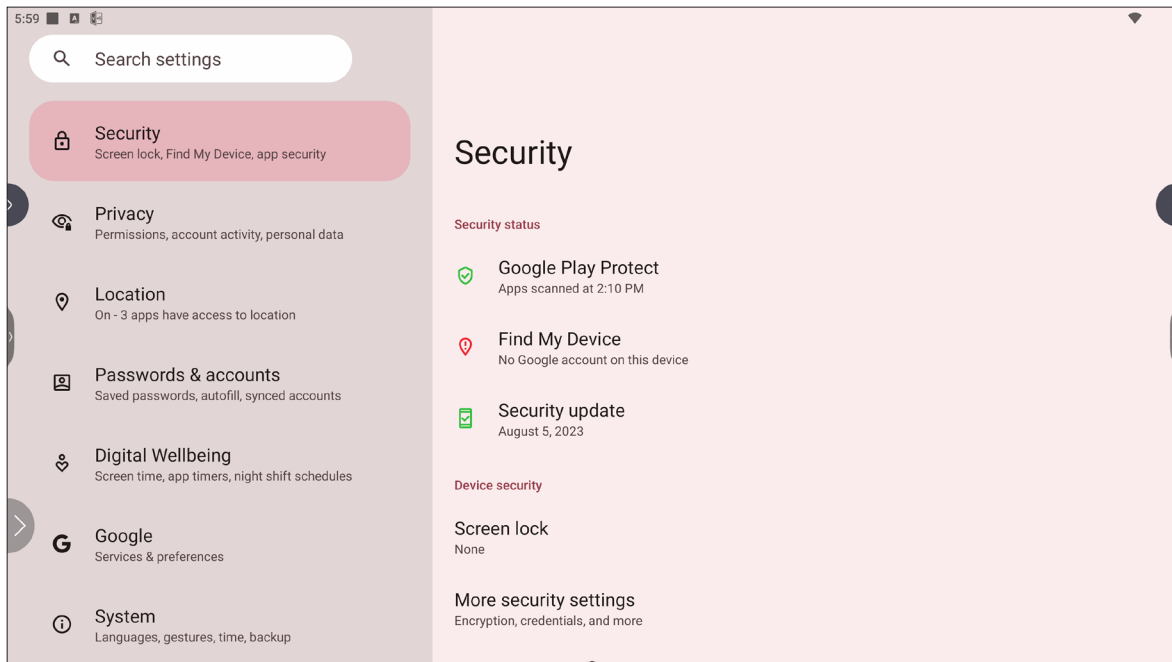
Item	Description
<b>Select to Speak</b>	When enabled, certain on-screen items will be read or described aloud when tapped (e.g., text or image).
<b>TalkBack</b>	When enabled, device actions will be described by audio so it can be used without looking at the screen.
<b>Display Size and Text</b>	Adjust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

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



# Security

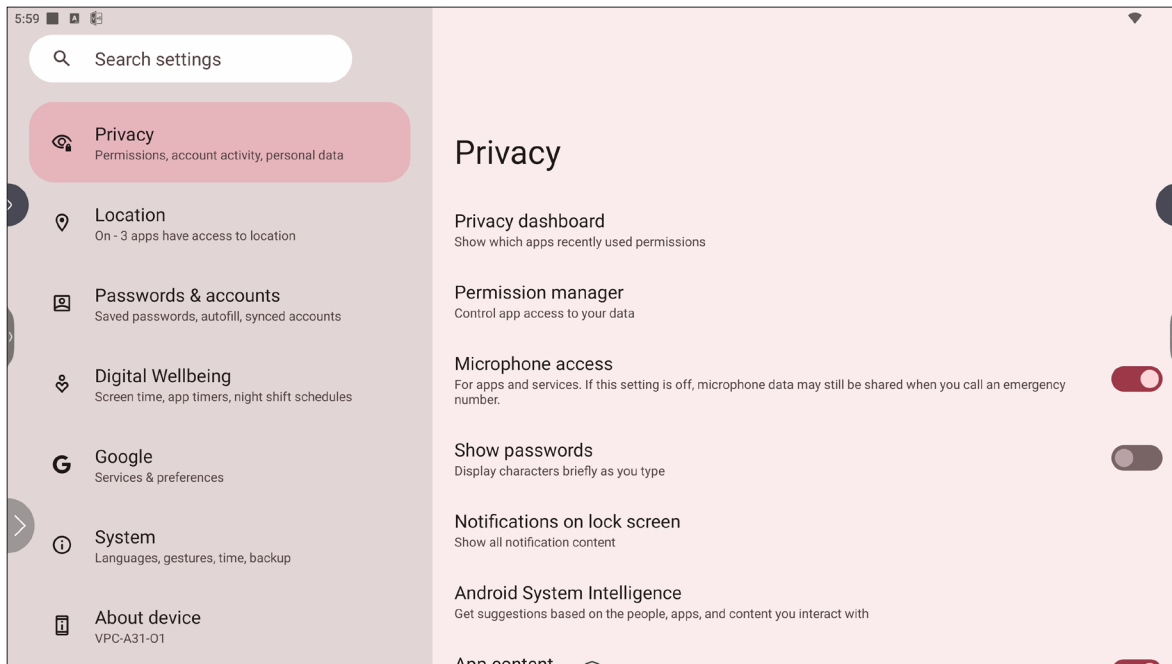
Review and adjust device security settings.



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

# Privacy

Check and manage current privacy settings.

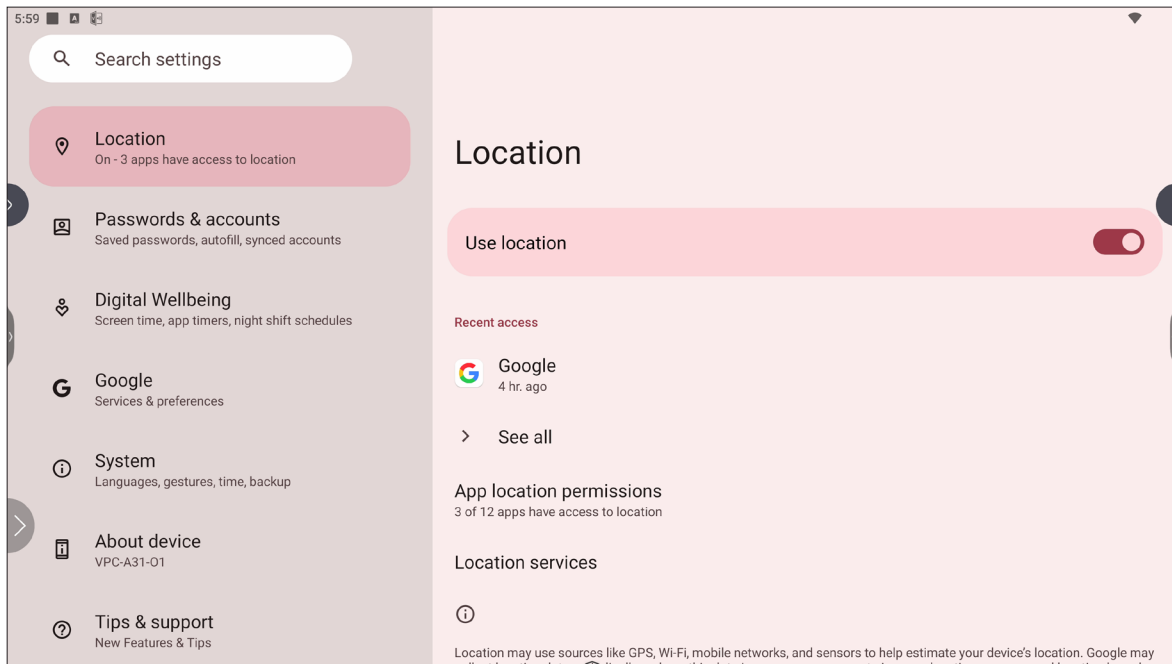


Item	Description
<b>Privacy Dashboard</b>	View which applications recently used permissions.
<b>Permission Manager</b>	Control application access to your data.
<b>Microphone Access</b>	Allow or disallow microphone access for applications or services.
<b>Show Passwords</b>	When enabled, characters will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

<b>Item</b>	<b>Description</b>
<b>Usage &amp; Diagnostics</b>	Choose to share usage and diagnostic data to Google.

# Location

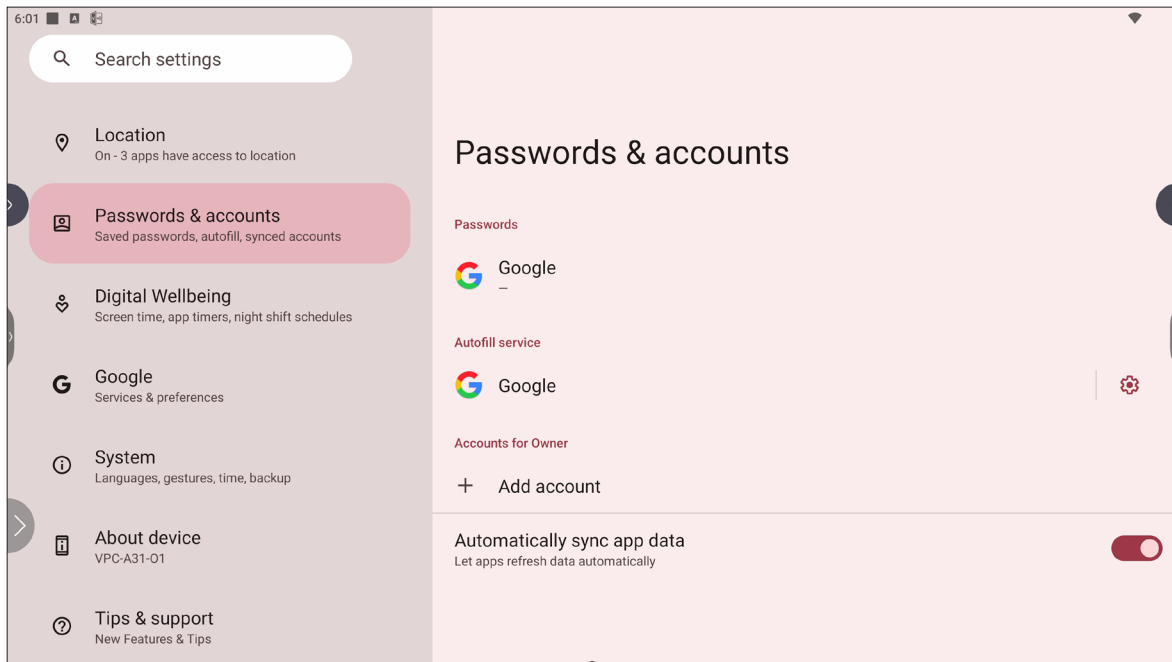
View and manage location settings.



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

# Passwords & Accounts

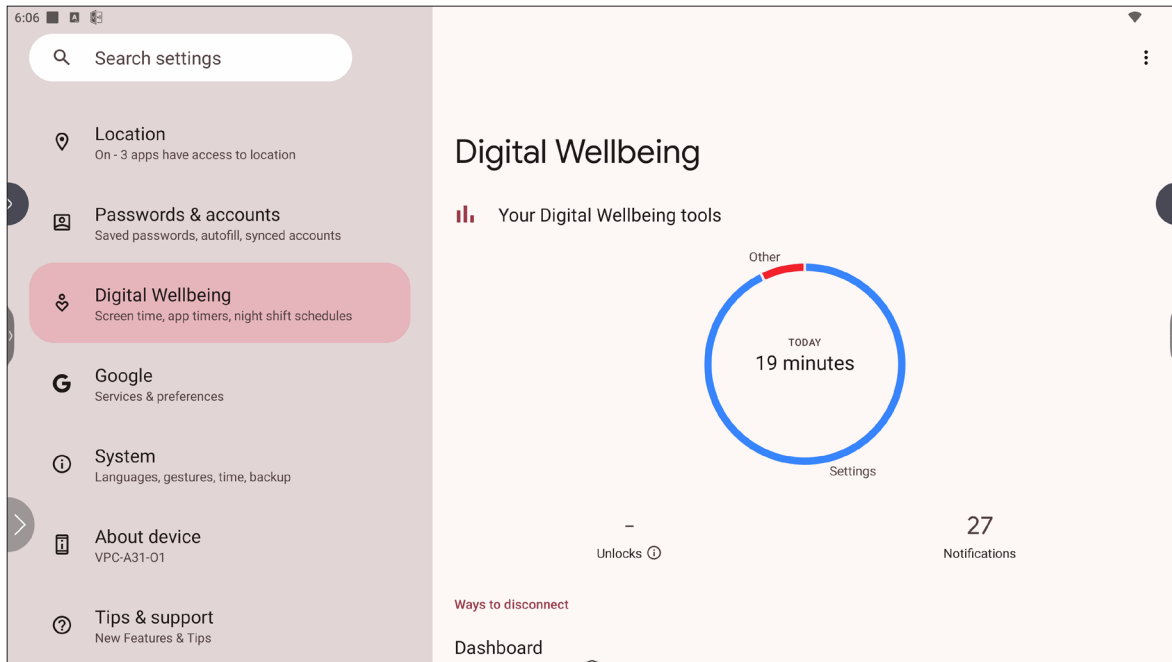
Review saved passwords, select autofill services, and add accounts.



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

# Digital Wellbeing

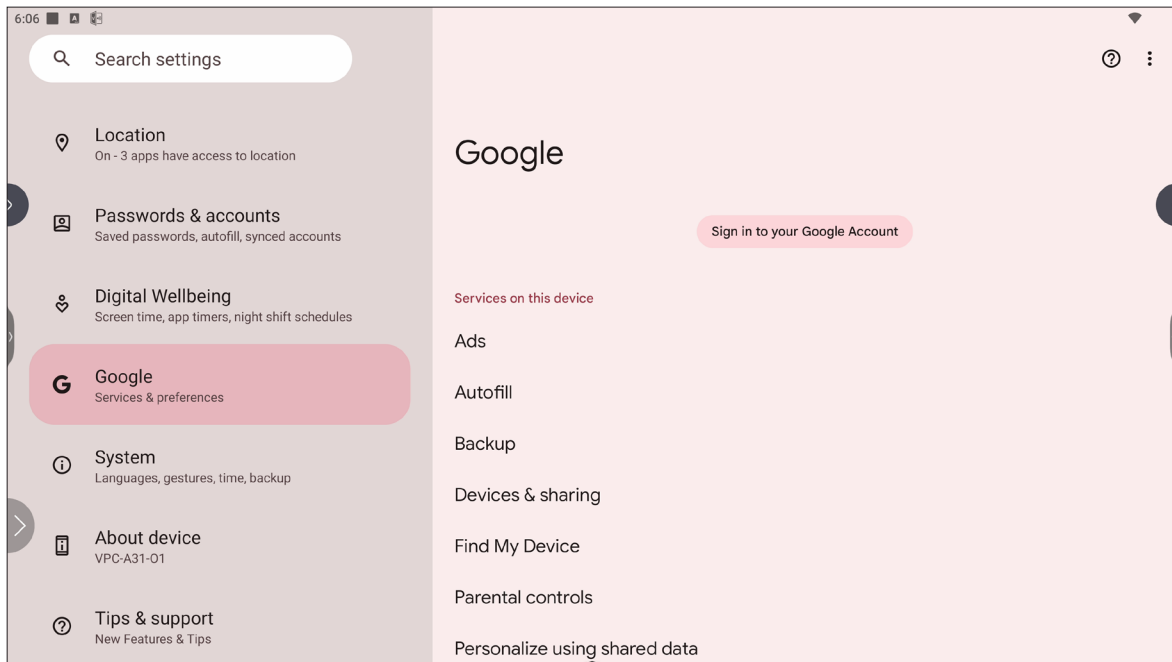
Review the ViewBoard’s usage time, and set up various tools to promote a better balance with the device.



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

# Google

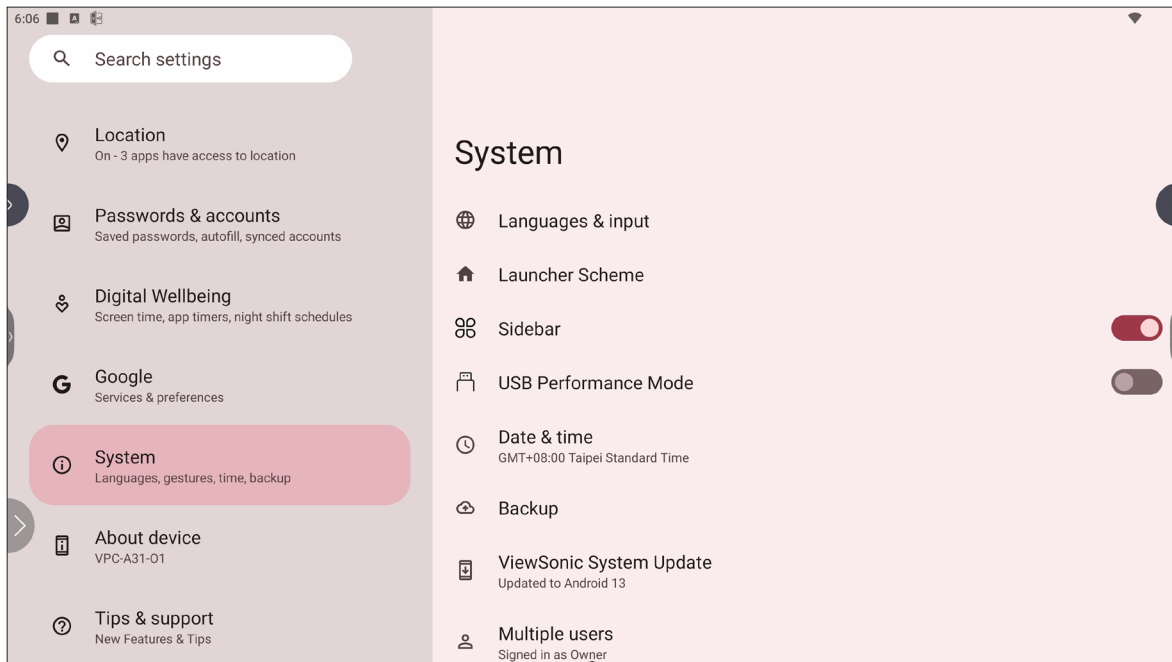
Review all of Google's services and set up preferences.



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

# System

View and adjust various system settings.

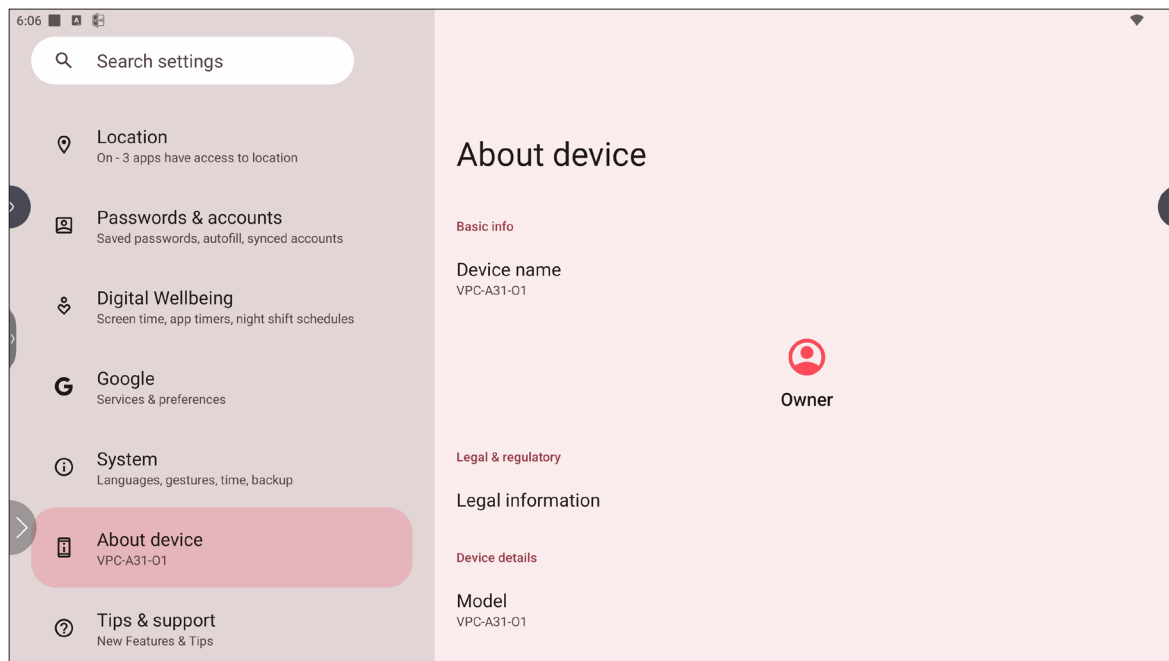


Item	Description
<b>Languages &amp; Input</b>	Choose the preferred language and input method.
<b>Launcher Scheme</b>	Choose between Scheme A and Scheme B to set the Home Screen layout.
<b>Sidebar</b>	Adjust the side toolbar settings.
<b>USB Performance Mode</b>	Optimize USB performance. You need to restart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



# About Device

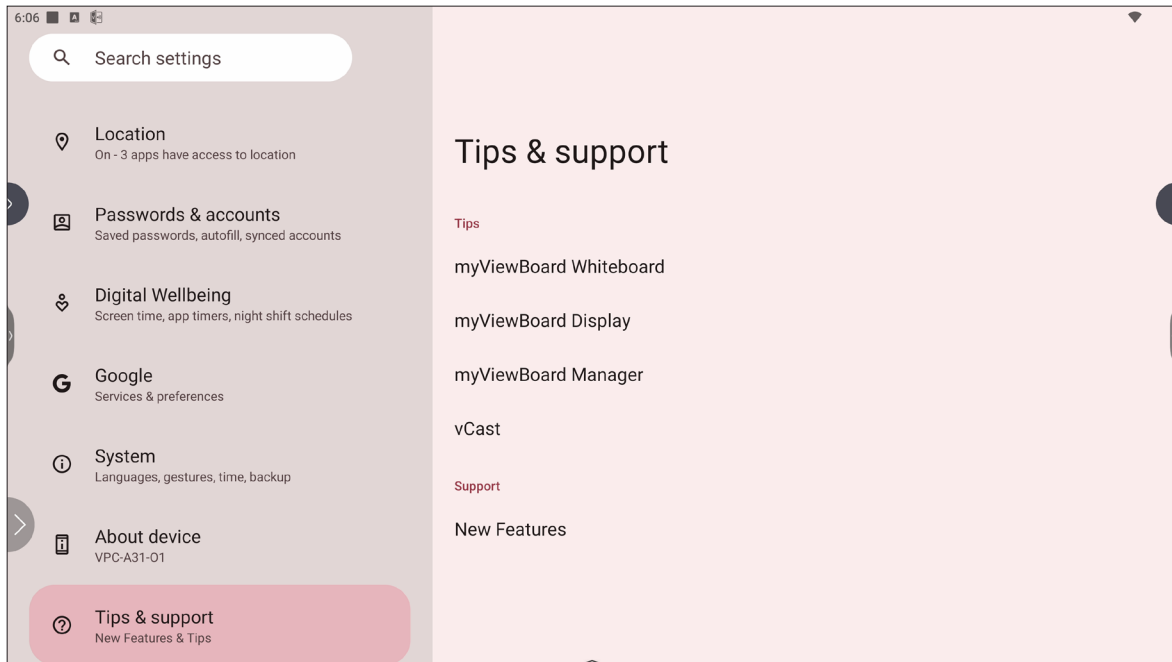
Review device information.



Item	Description
Device Name	View the name of the device.
Legal Information	View the relevant legal information.
Model	View the model of the VPC-A31-01, 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	
			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			
<b>Network &amp; Internet</b>	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		
<b>Apps</b>	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		
<b>Notifications</b>	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
		Apps	Calls	Starred contacts
Contacts				
Anyone				
None				
Allow repeat callers				
	Apps	Add apps		

Menu	Sub-menu	Menu Option	
<b>Notifications</b>	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		



Menu	Sub-menu	Menu Option				
<b>Storage</b>	Storage manager					
	System					
	Apps					
	Videos					
	Images					
	Documents & other					
	Trash					
	Games					
	Audio					
<b>Sound</b>	Sound	Media volume Alarm volume Notification volume				
	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	
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	
<b>Sound</b>	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	
<b>Sound</b>	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	
		Tinkerbelle	
		Tweeters	
		Upsilon	
		Vega	
		Voila	
		Xenon	
		Zirconium	
		Add notification	
	Default alarm sound	None	
		Argon	
		Barium	
		BeeBeep Alarm	
		Beep-Beep-Beep Alarm	
		Buzzer Alarm	
		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	Privacy	Show all notifications content		
		Don't show notifications at all		
	Lock Screen	Add users from lock screen		
		Add text on lock screen		
		Show wallet		
		Show device controls		
		Control from locked device		
		Double-line clock		
		Screen timeout		
	30 seconds			
	1 minute			
	2 minutes			
	5 minutes			
	10 minutes			
	30 minutes			
Dark theme				

Menu	Sub-menu	Menu Option		
<b>Display</b>	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			
<b>Wallpaper</b>	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		
<b>Accessibility</b>	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
			Audio ducking	
			Sound feedback	
			Sound feedback volume	

Menu	Sub-menu	Menu Option		
<b>Accessibility</b>	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		
<b>Accessibility</b>	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				
<b>Accessibility</b>	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		
		System controls	System navigation		Custom
					Gesture navigation
	Live Caption		3-button navigation		
			Languages		
			Hide profanity		
			Show sound labels		
			Live Caption in volume control		
	Caption preferences	Caption size and style	Help		
			Show captions		
		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					
More options	Language	Custom			

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		
<b>Security</b>	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			
<b>Privacy</b>	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		
<b>Privacy</b>	Show clipboard access			
	Autofill service from Google			
	Activity controls			
	Ads			
	Usage & diagnostics			
<b>Location</b>	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
<b>Passwords &amp; Accounts</b>	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		
<b>Google</b>	Ads			
	Autofill			
	Backup			
	Devices & sharing			
	Find My Device			
	Parental controls			
	Personalize using shared data			
	Set up & restore			
	Settings for Google apps			
<b>System</b>	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	
		Spell checker	Pitch	
			Languages	
			Default spell checker	
		Personal dictionary		
		Pointer speed		

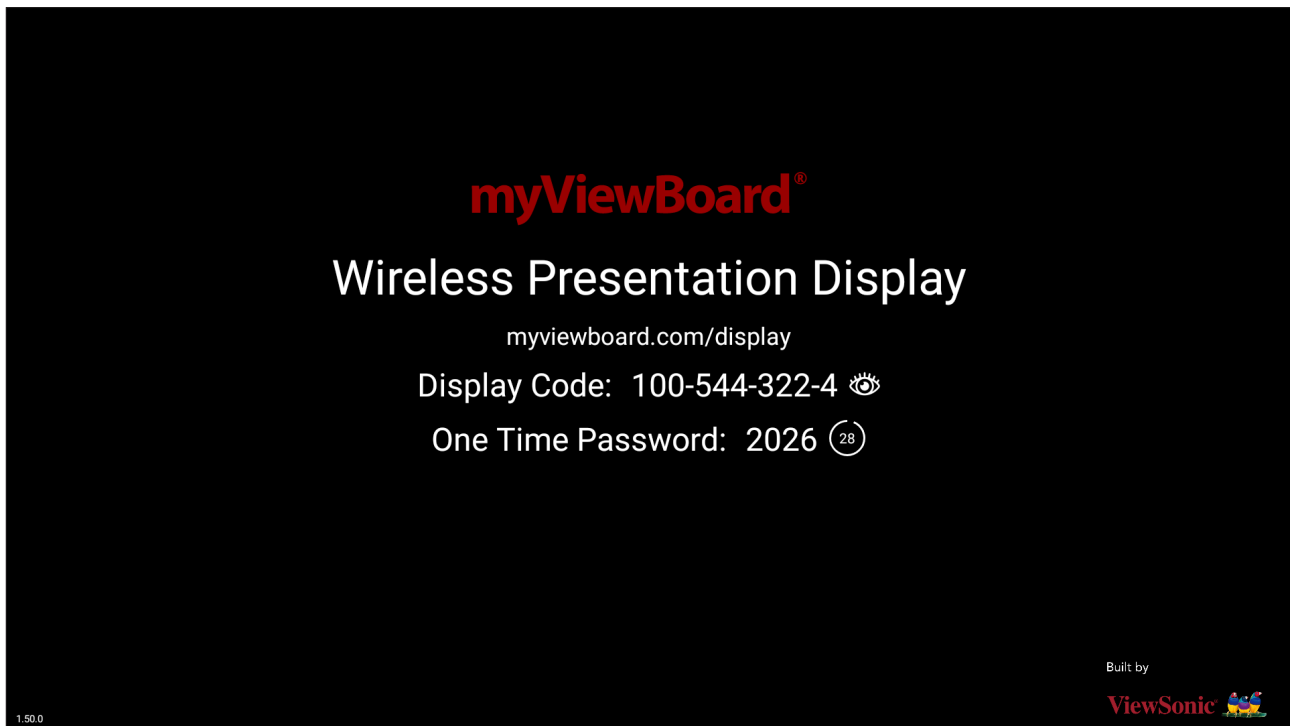
Menu	Sub-menu	Menu Option	
System	Launcher Scheme	Scheme A	
		Scheme B	
	Sidebar		
	USB Performance Mode		
	Date & time	Set time automatically	
		Date	
		Time	
		Use location to set time zone	
		Time zone	
		Use locale default	
		Use 24-hour format	
	Backup		
	ViewSonic System Update		
	Multiple Users	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		
<b>About Device</b>	Device name			
	Legal information			
	Model	Model VPC-A31-01		
		Serial number XEGxxxxxxxx		
		Asset Tagging		
	Android version			
	IP address			
	Ethernet address			
	Wi-Fi MAC address			
	Device Wi-Fi MAC address			
	Bluetooth address			
	Up time			
	Build number			
<b>Tips &amp; Support</b>	myViewBoard Whiteboard			
	myViewBoard Display			
	myViewBoard Manager			
	vCast			
	New Features			

# Pre-installed Applications and Settings

## myViewBoard Display

Wirelessly mirror screens to a larger display.



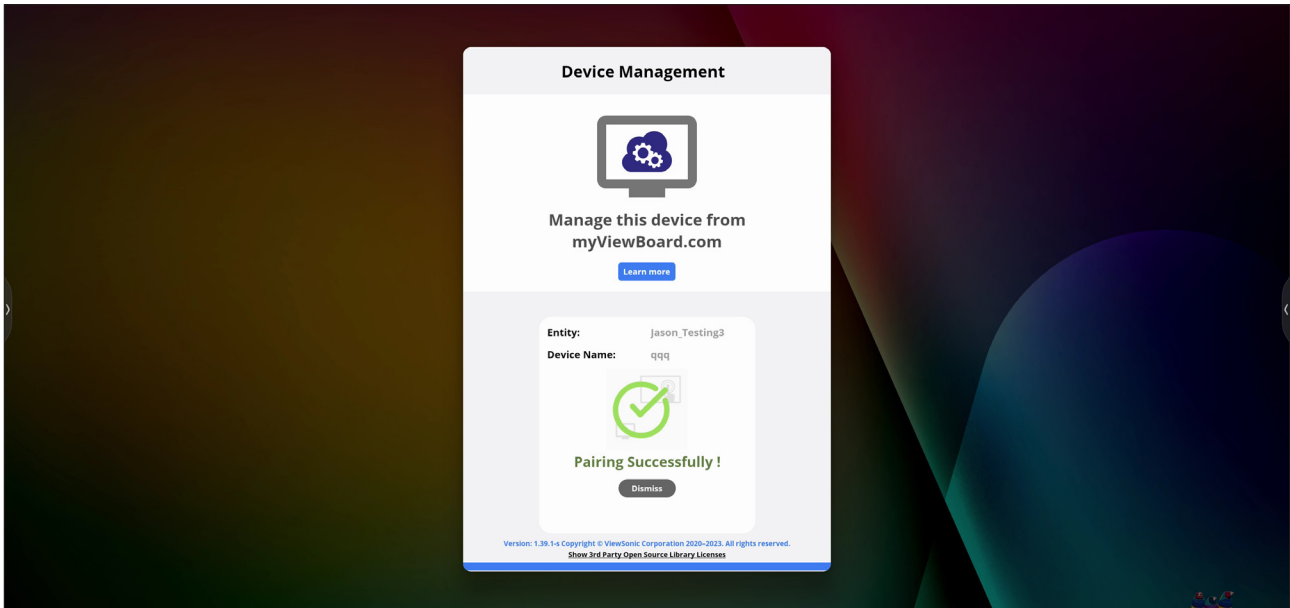
To share a screen to a ViewBoard with myViewBoard Display:

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:

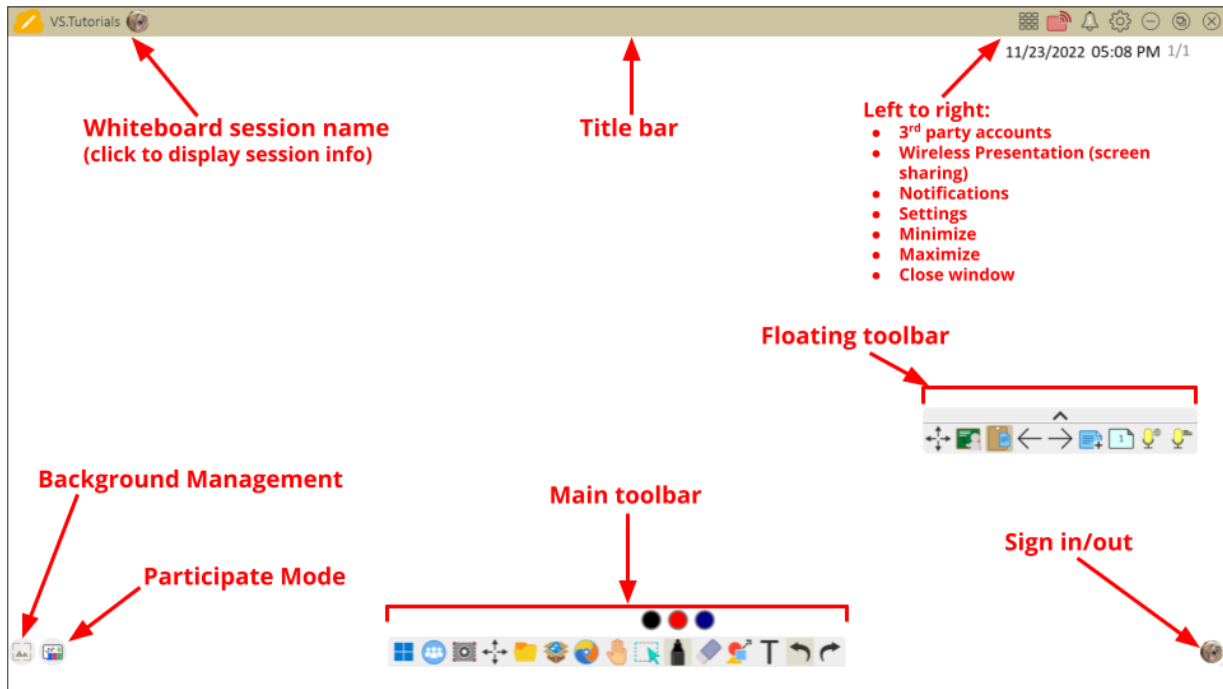
1. Click **Add Device**.
2. Input the 6-digit PIN obtained earlier.
3. Name the device (if applicable).
4. Click **Add**.

**NOTE:** To learn more about myViewBoard Manager, visit: [https://wiki.myviewboard.com/MyViewBoard\\_Manager](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](https://wiki.myviewboard.com/Whiteboard_for_Android).
















## Floating Toolbar








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



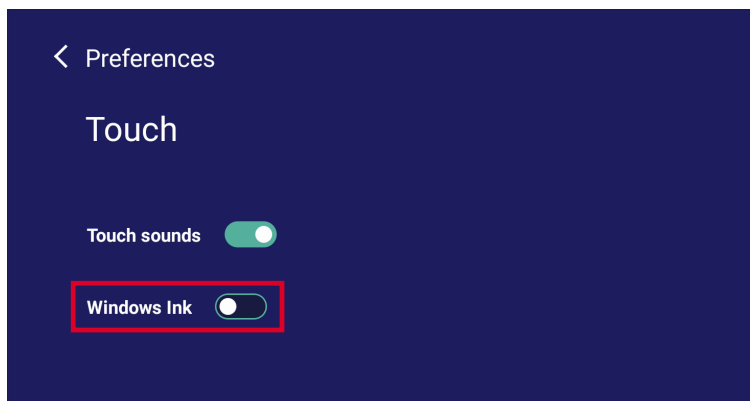
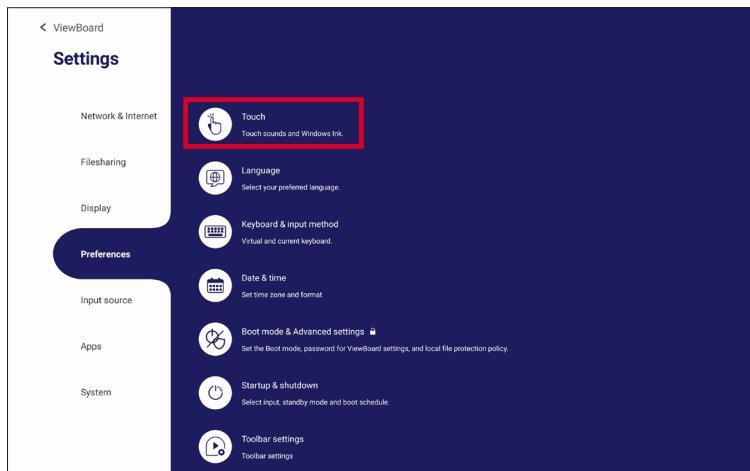
## Main Toolbar

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

## Background Management

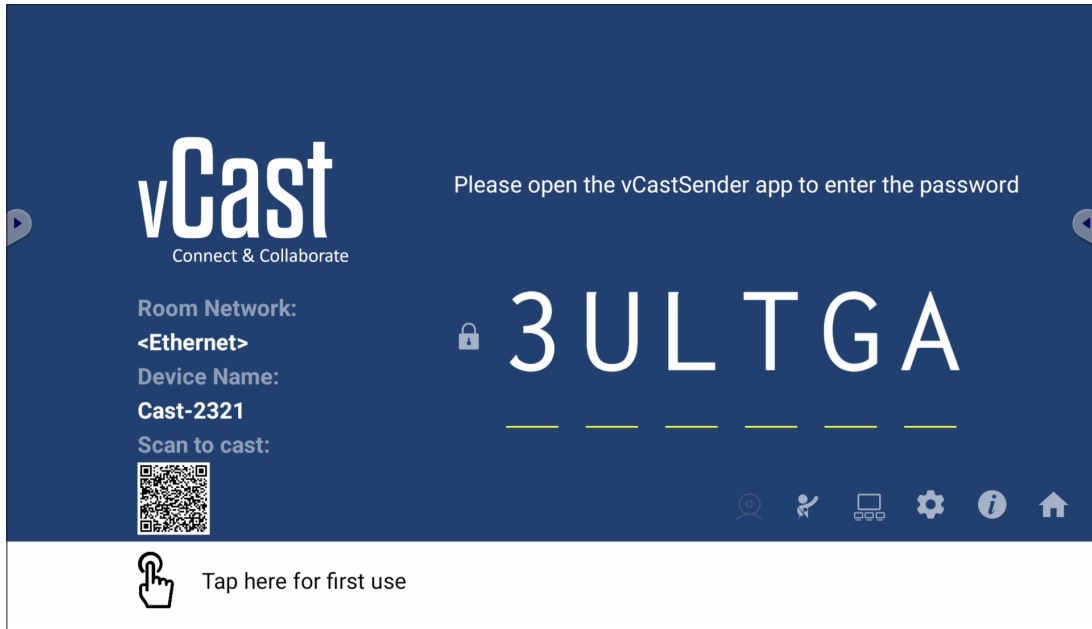
Item		Description
	<b>Sign In</b>	Sign in to a myViewBoard account.
	<b>Background Management</b>	Change the canvas background.
	<b>FollowMe Setting</b>	Display custom images uploaded to a cloud storage account.
	<b>Color Palette</b>	Choose from solid or gradient colors as the background.
	<b>Pre-installed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

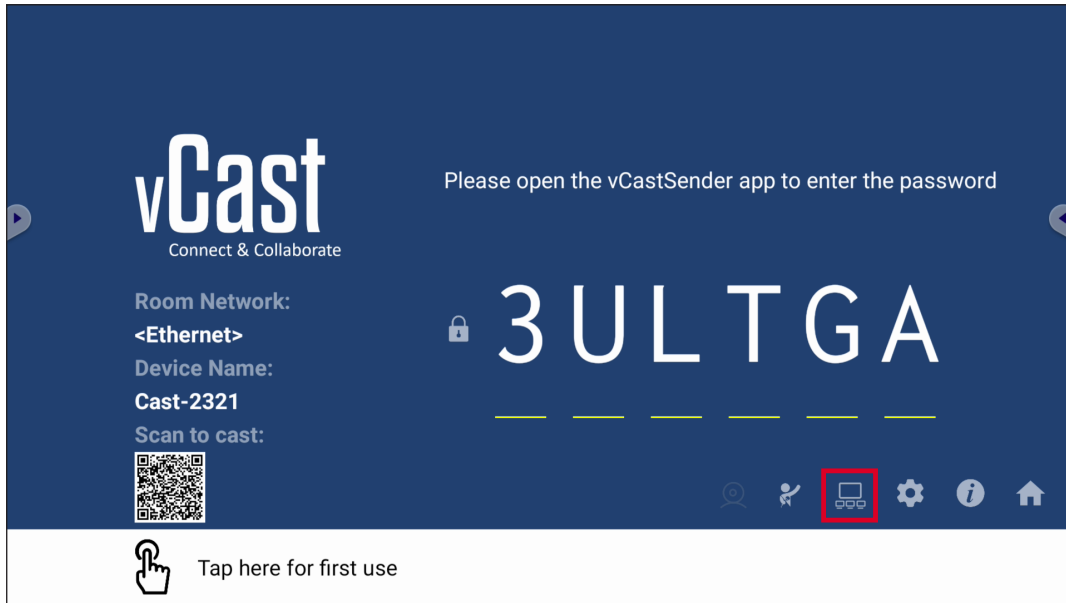


## Network Information

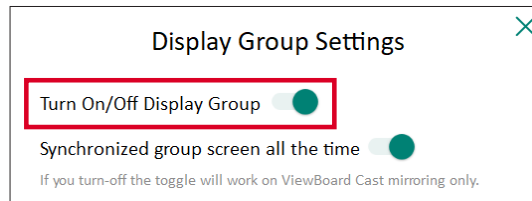
- ViewBoard® Cast software, laptops, and mobile devices can connect to both the same subnet and cross subnet by entering the on-screen PIN code.
- Connected devices will show up under **Device List** on the same subnet connection.
- If the device does not show up under **Device List**, users will need 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.

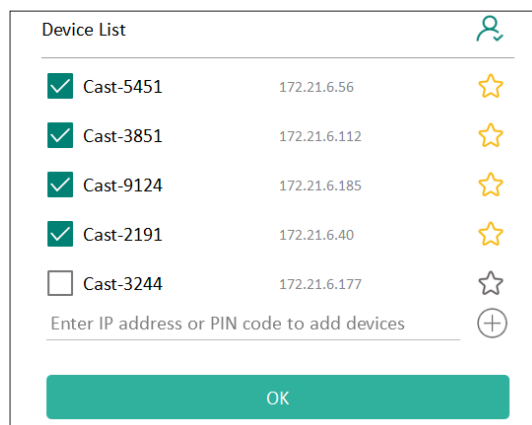


1. Toggle the “Turn On/Off Display Group” ON to enable the Display Group feature.



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

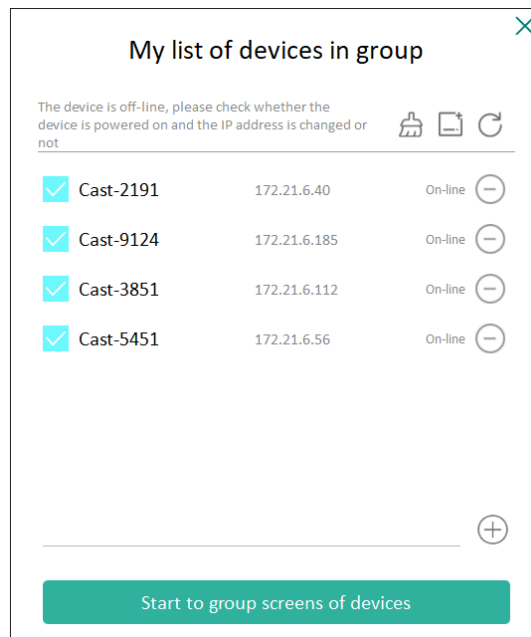
2. Select the devices you want to join the display group and select **OK** to save the settings.



**NOTE:**

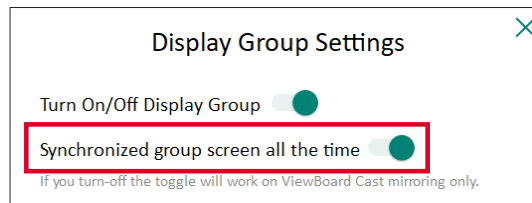
- If the devices you want to group are not listed, you can enter their respective IP address or connecting PIN code.
- The Display Group maximum device limit is six devices.

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.

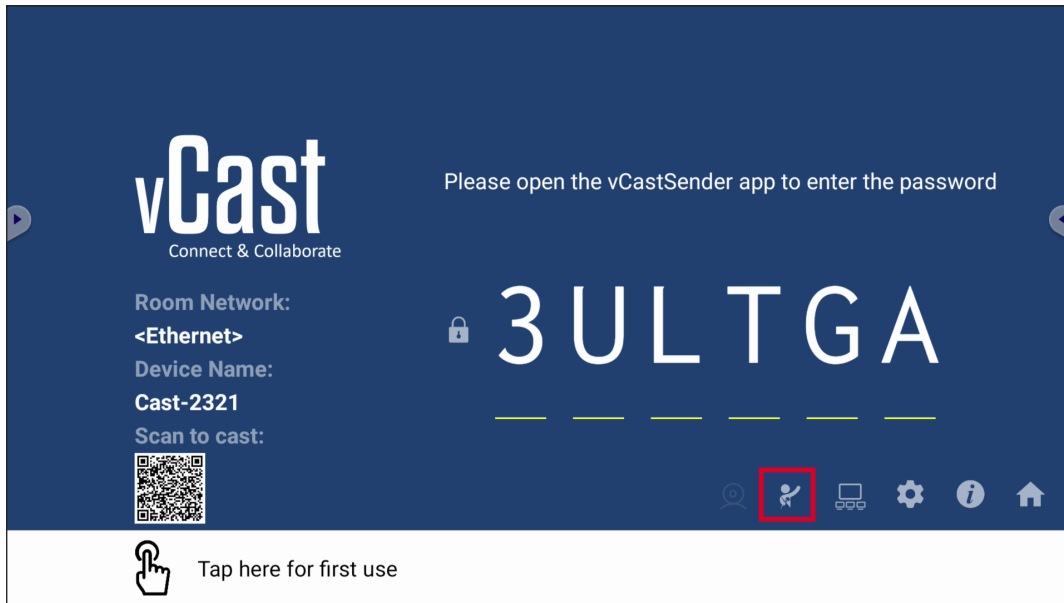
## Share a Screen to the Display Group (One to Many Casting)

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.

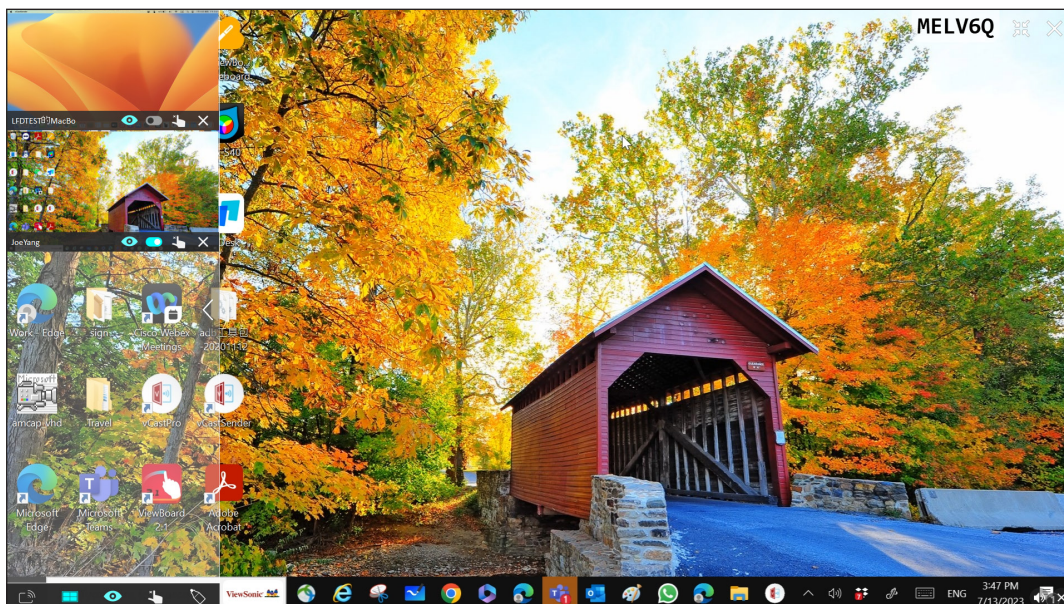


## Moderator Mode

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.



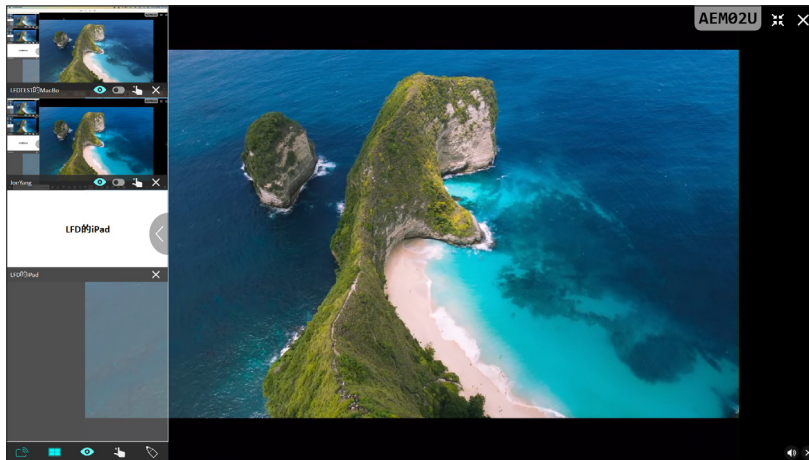
When enabled, the moderator can view a list of all connected screens in the left floating window and can preview each participant's screen and then select any of participant's screen and cast to the ViewBoard's or display's main screen for presentation. The moderator can also control each participant's 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.

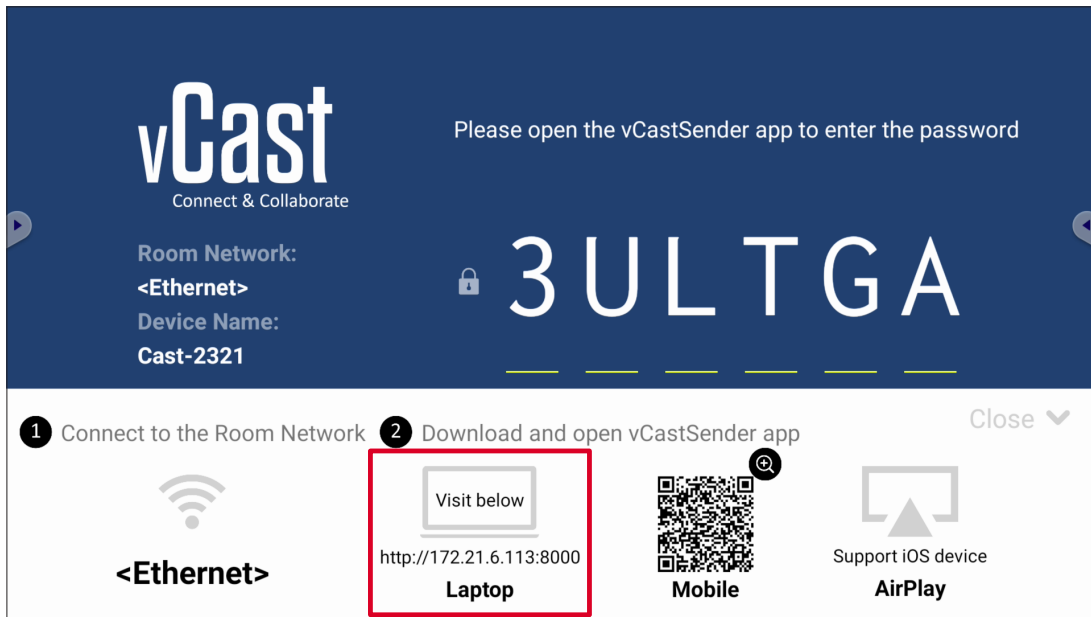
## Touch

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:

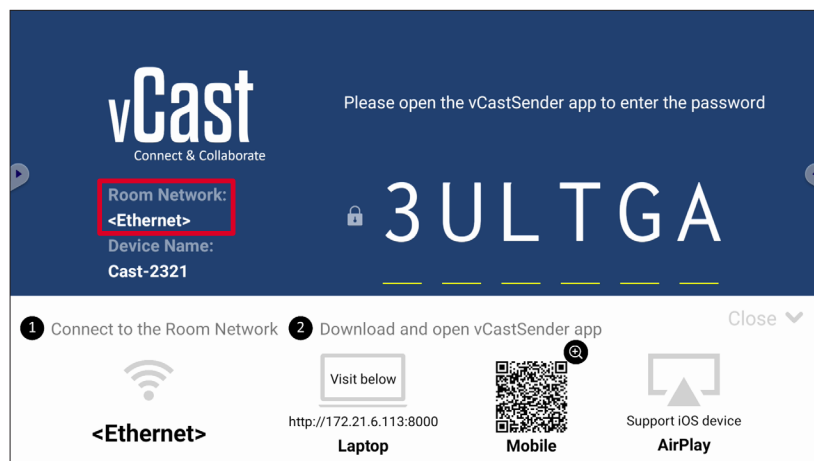
- Moderator Mode is supported on all vCastSender and AirPlay devices, but mobile devices are limited to a “preview” function. Additionally, mobile Android devices cannot cast sound out.
- When you cast your Windows/Mac/Chrome screen to a ViewBoard or display, the selected full screen unit will not be 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.

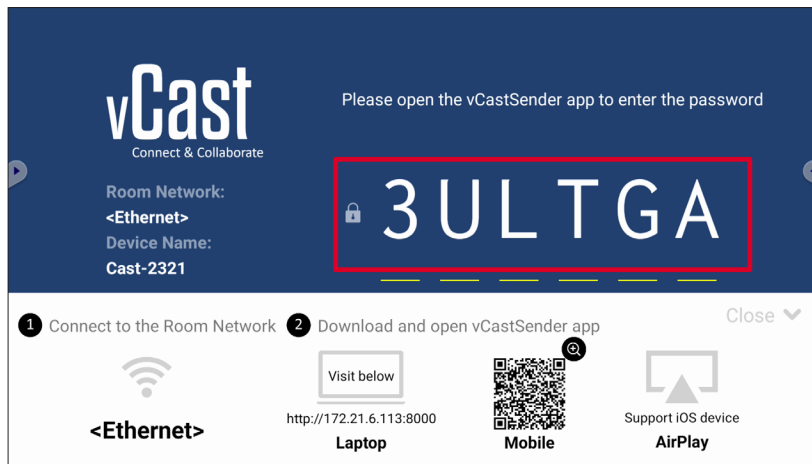
**NOTE:** The network name can be found under **Room Network**.



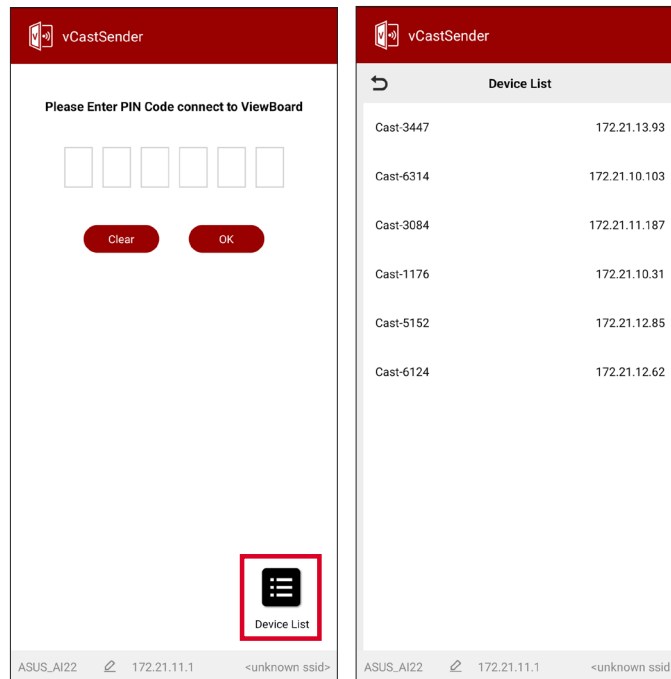
2. On the client device, visit the address that is shown on the ViewBoard to download and install the vCastSender application.
3. After installing, launch the vCastSender application.

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

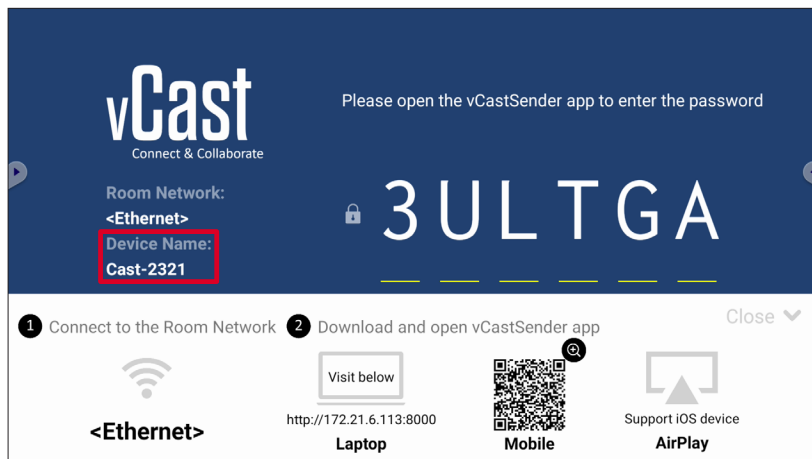
**NOTE:** The PIN code can be found as highlighted below:



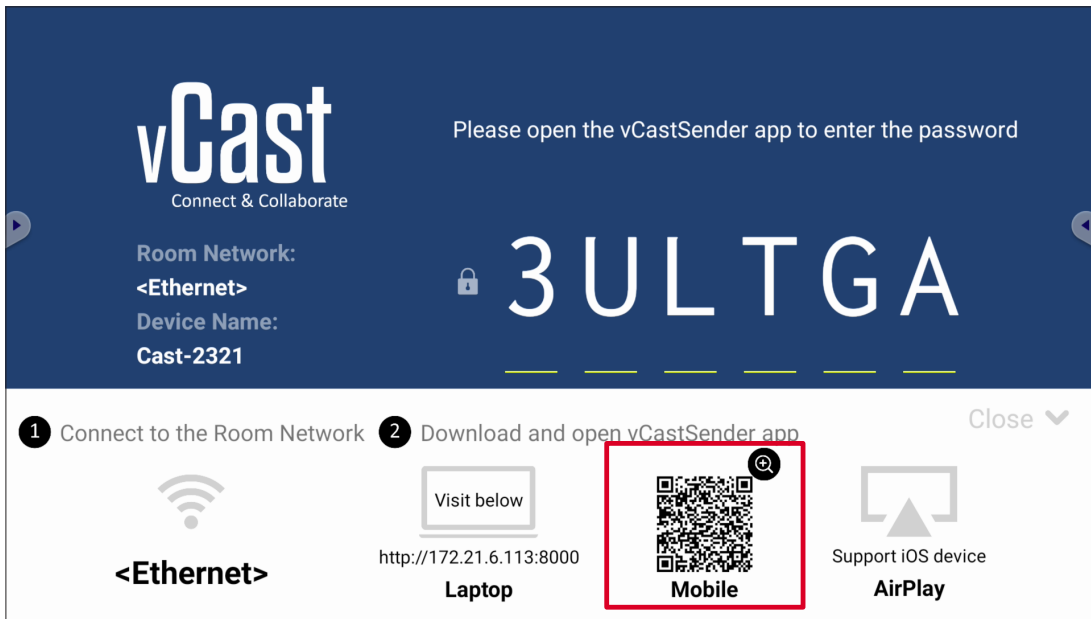
5. Additionally, you can connect to the ViewBoard by clicking **Device List** then the **Device Name** listed.



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

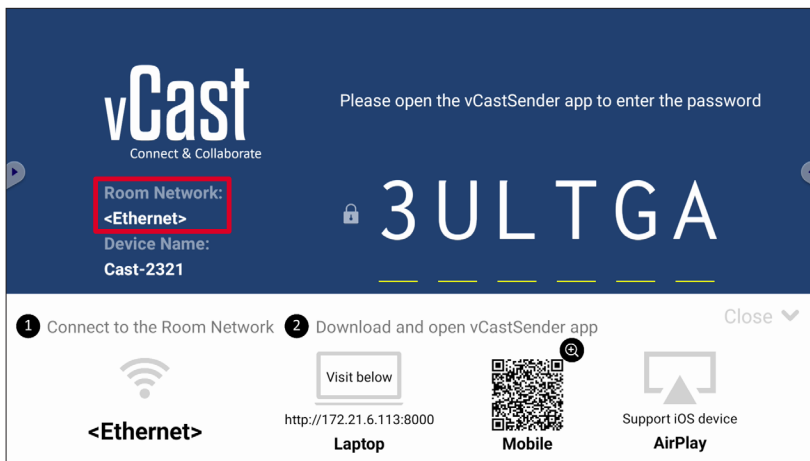


# Casting from Android Devices

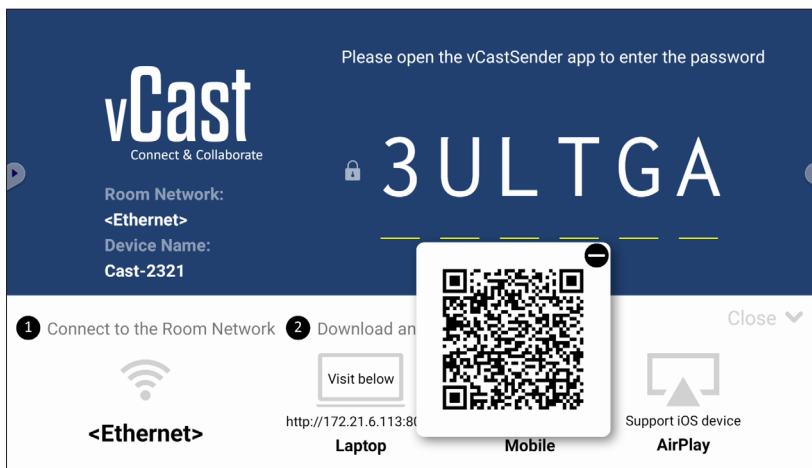


1. Ensure the client device (e.g., Android phone or tablet) is connected to the same network as the ViewBoard.

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



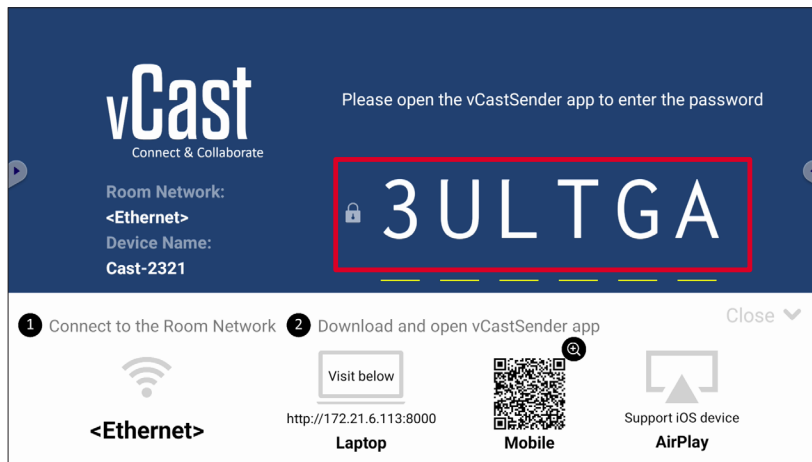
2. On the Android client device, scan the QR code shown on the ViewBoard to directly download the vCastSender application, or download the application from the Google Play Store.



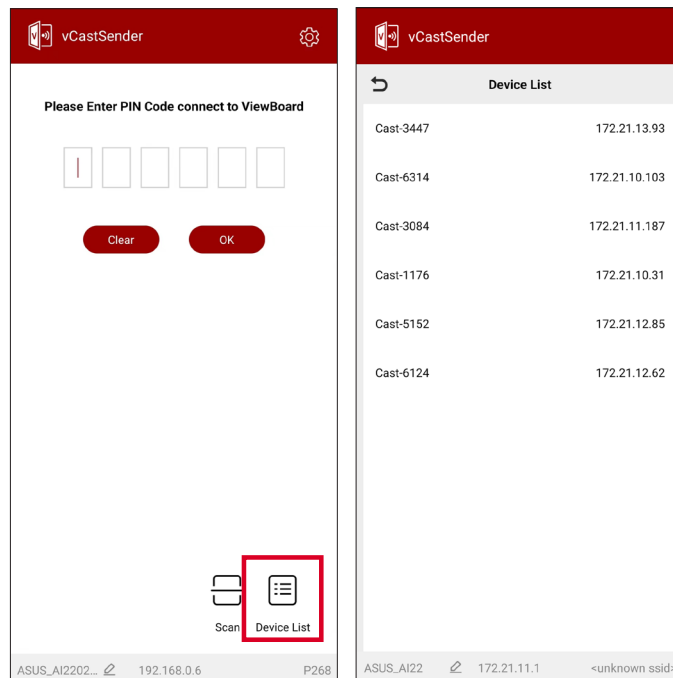
3. After installing, launch the vCastSender application.

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

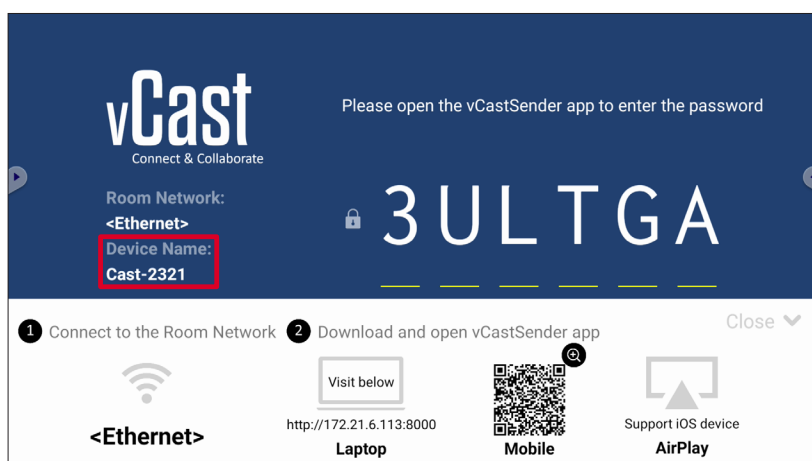
**NOTE:** The **PIN code** can be found as highlighted below:



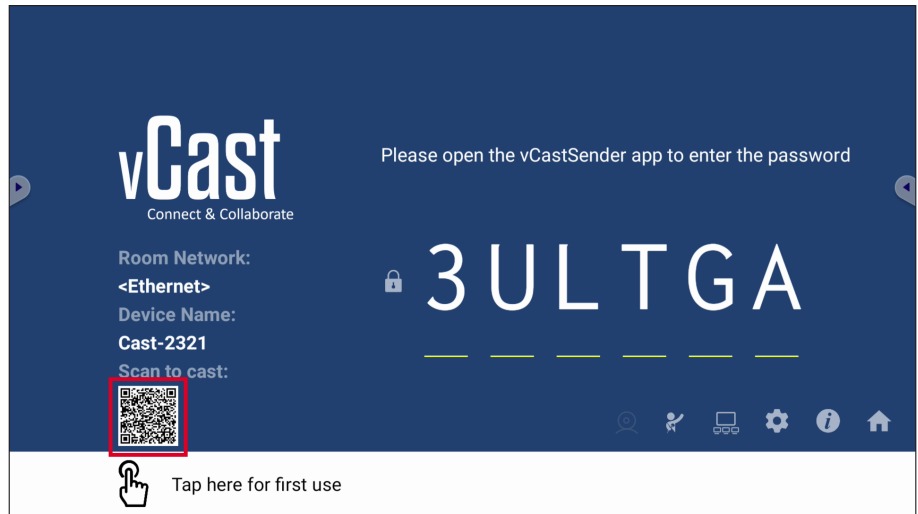
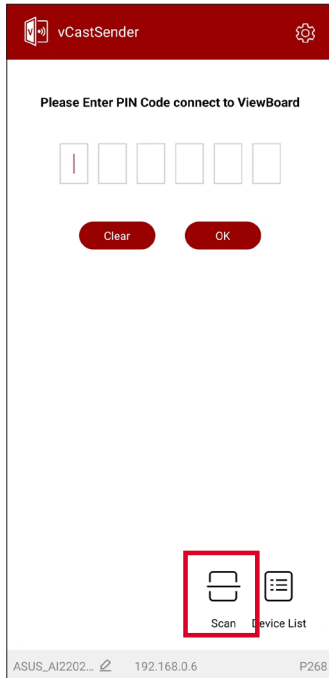
5. You can also connect to the ViewBoard by selecting **Device List** then the **Device Name** listed.



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

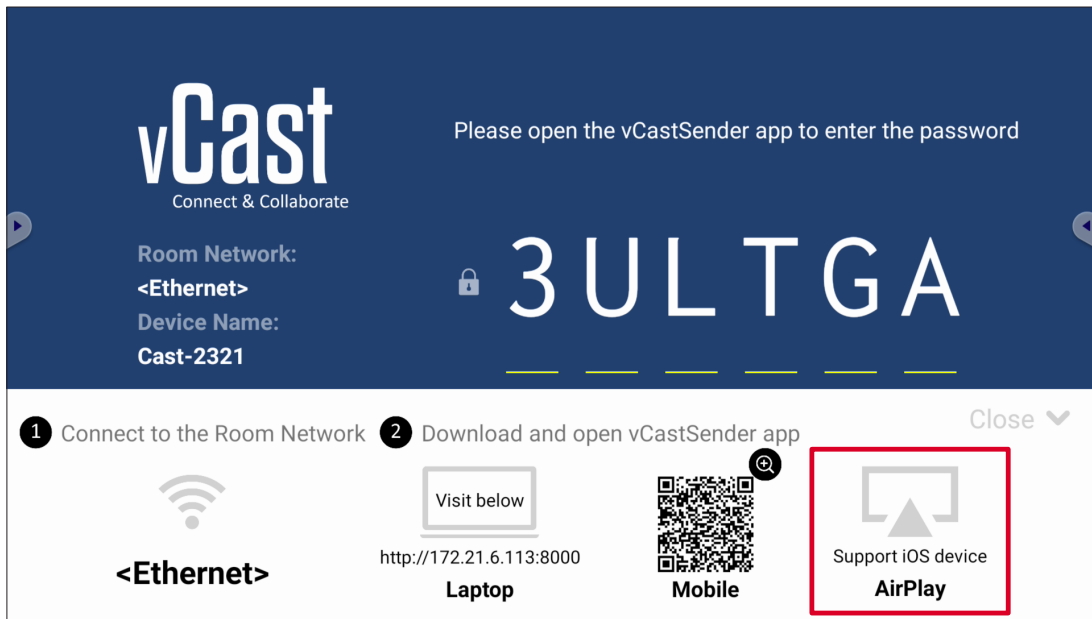


6. Additionally, you can connect to the ViewBoard or by selecting **Scan** then placing the on-screen QR code into the box to automatically connect.



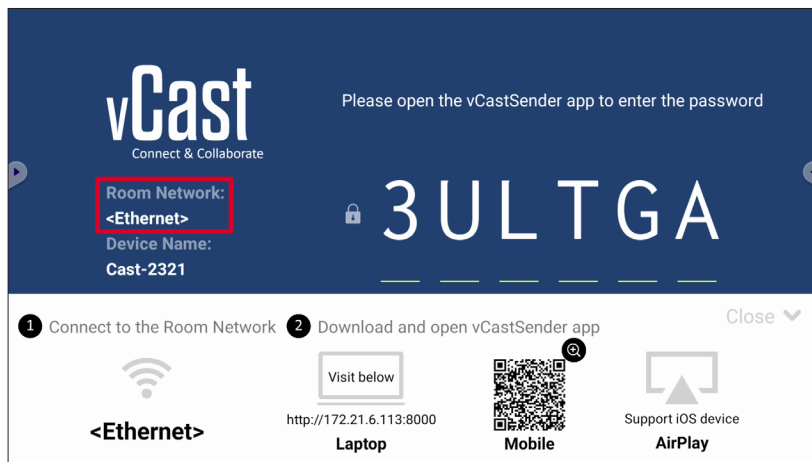
## Casting from Apple iOS Devices

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.



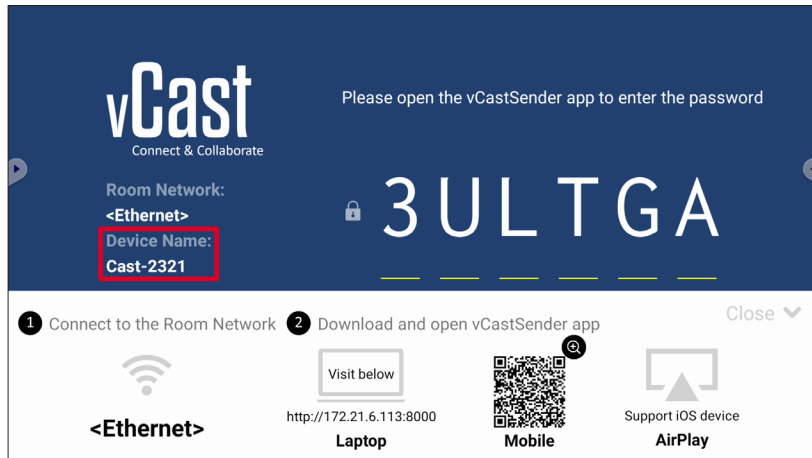
1. Ensure the client device (e.g., iPhone or iPad) is connected to the same network as the ViewBoard.

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

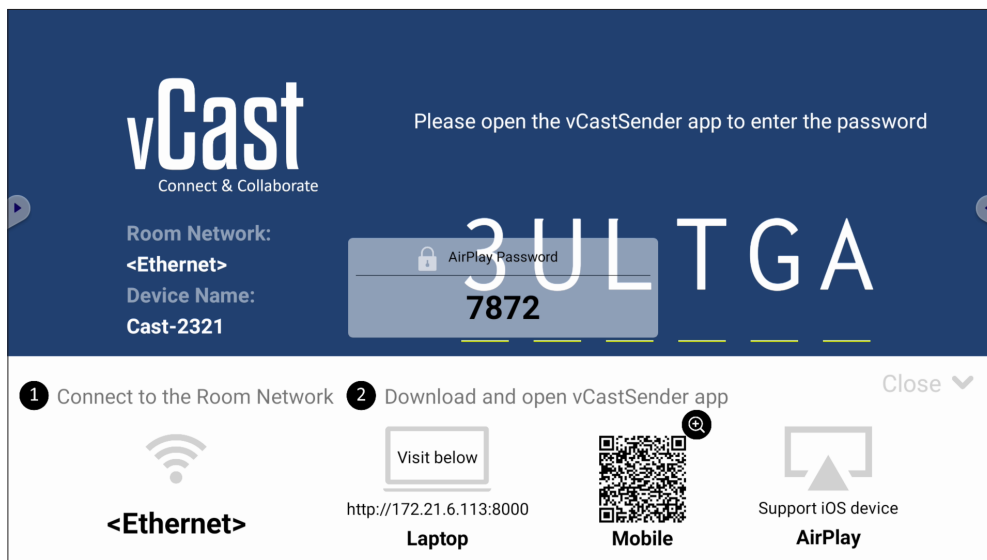


2. On the iOS client device, directly open AirPlay and select the **Device Name** of the ViewBoard to connect.

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



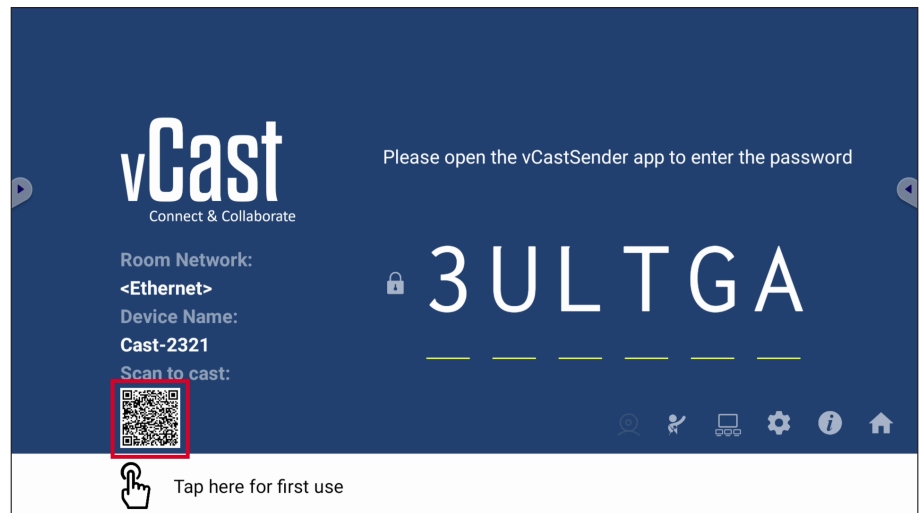
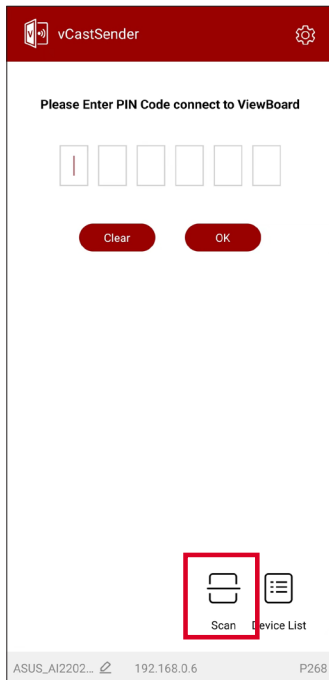
3. Input the generated on-screen **AirPlay Password** on the client device to connect.



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

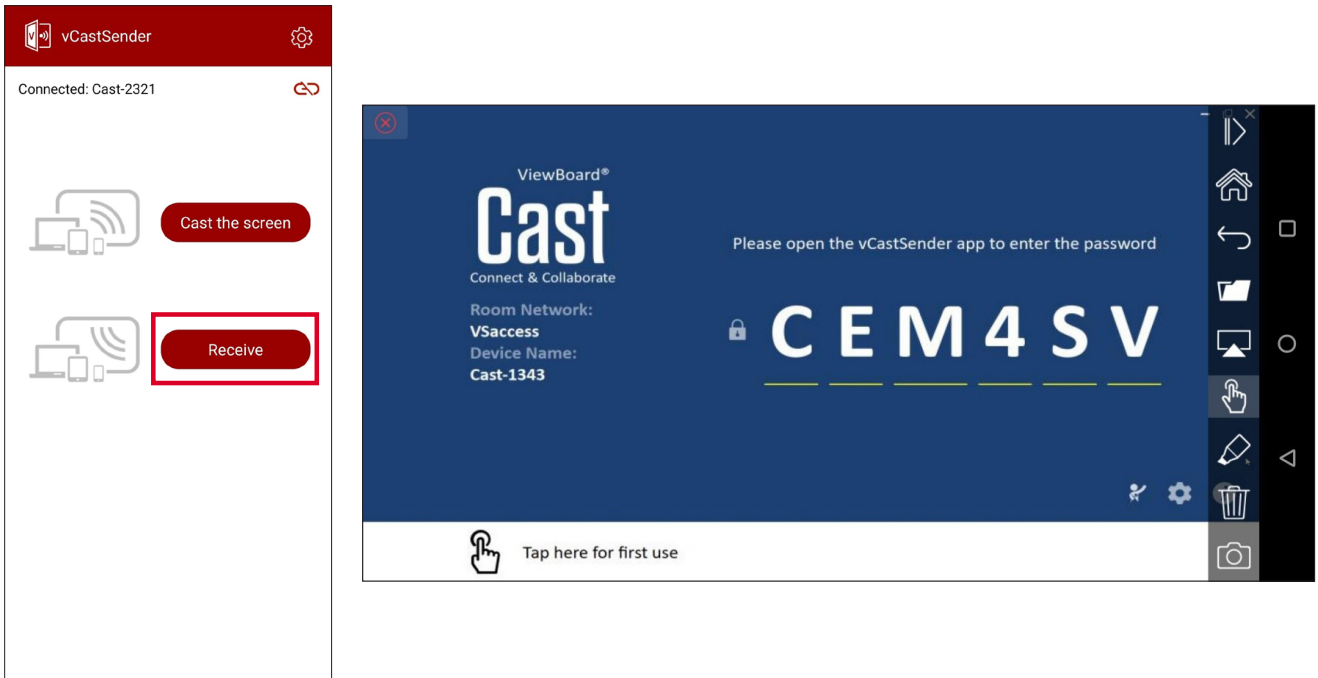











4. You can also connect to the ViewBoard by selecting **Scan** then placing the on-screen QR code into the box to automatically connect.



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

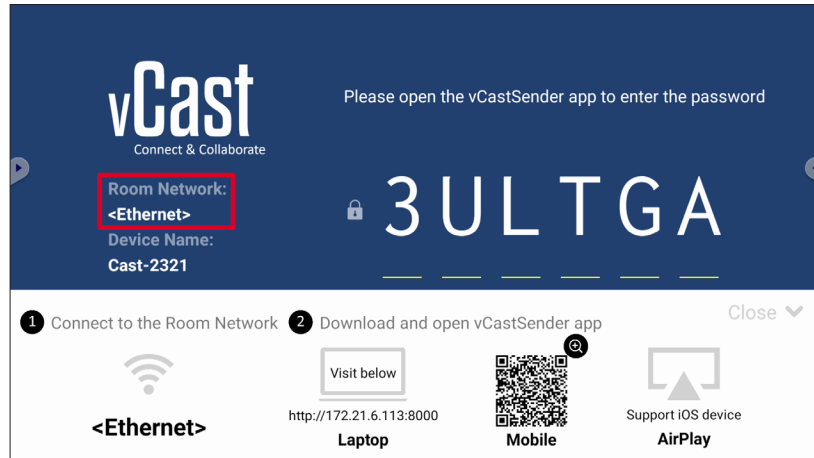
## Casting with Chromecast

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

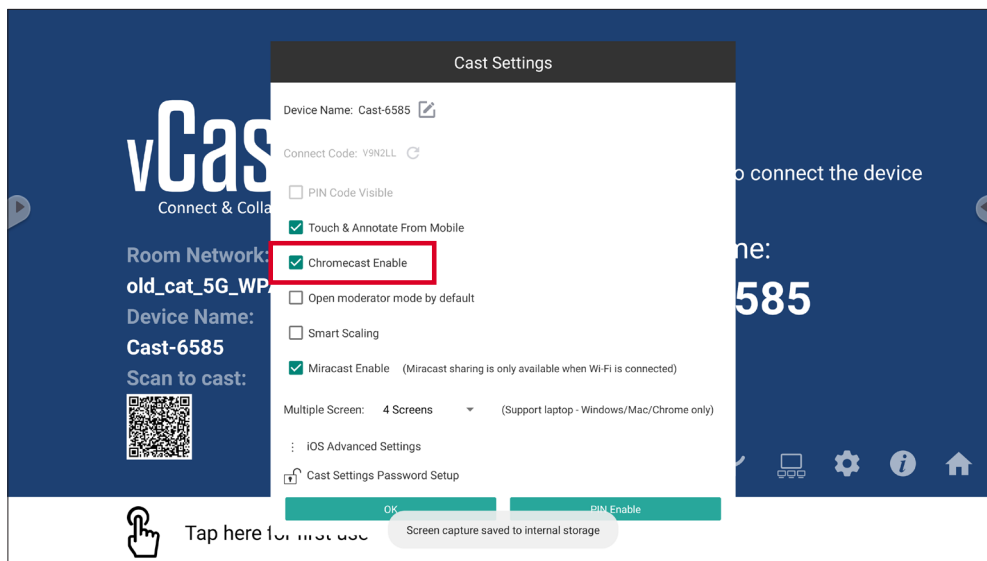
**NOTE:** Chromecast does not support password protection or multiple-screen casting.

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

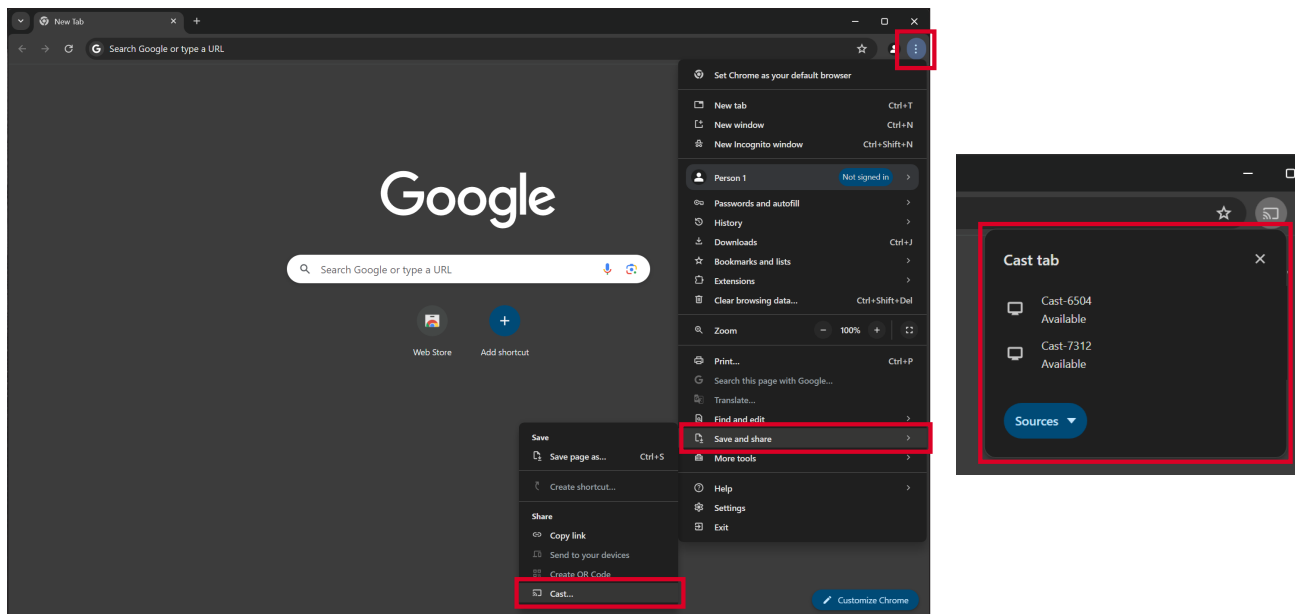
**NOTE:** The network name can be found under **Room Network**.



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

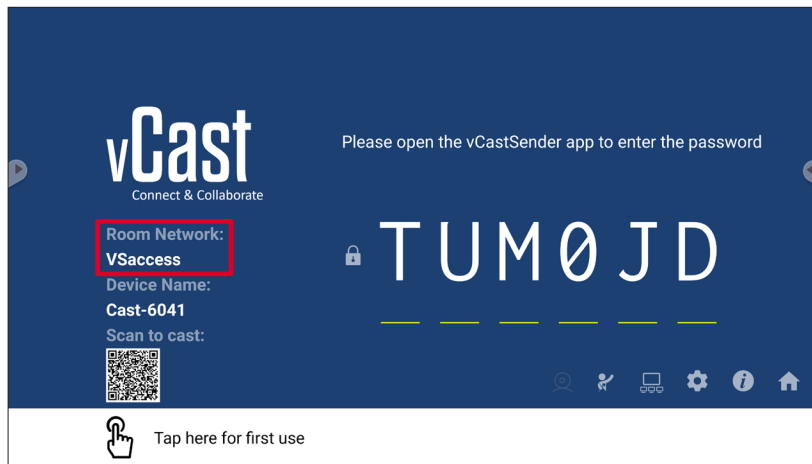
vCast supports native Miracast to cast content from Windows and Android devices to a ViewBoard when the Miracast feature is enabled.

**NOTE:**

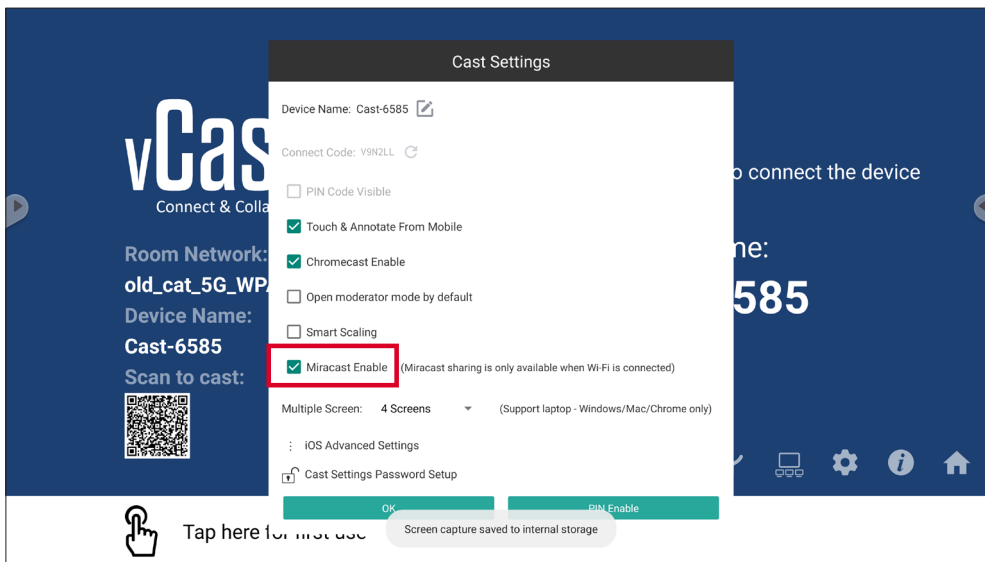
- Miracast does not support password protection or multiple-screen casting.
- Miracast sharing is only available over Wi-Fi.
- Miracast will automatically turn off after being idle for one hour.

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**.



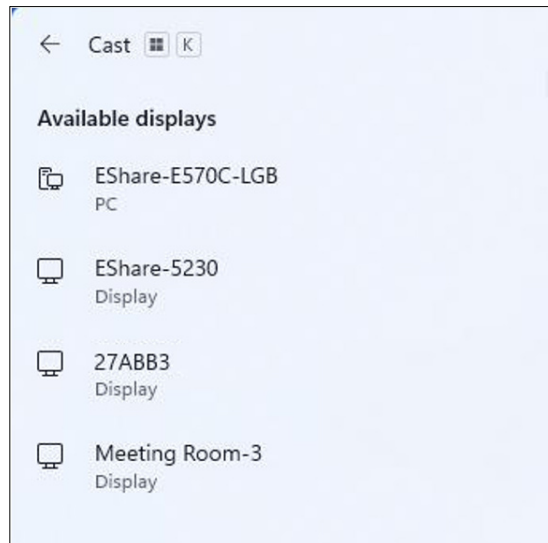
2. Ensure the **Miracast Enable** checkbox is selected in the vCast settings.



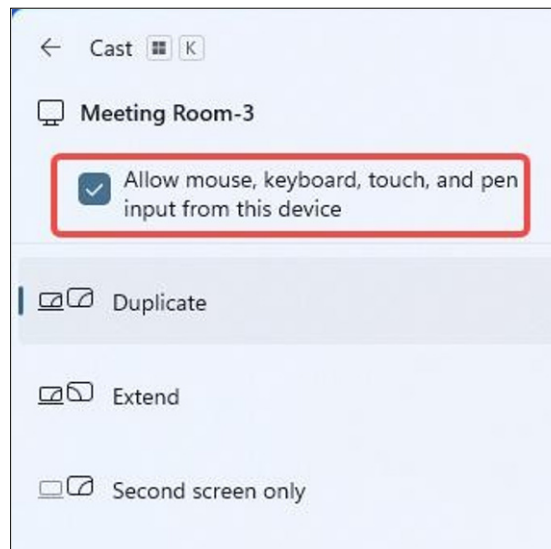
**3.** Please follow the below steps to cast:

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) <sup>1</sup> 1 x HDMI OUT (v. 2.0, 4K@60Hz) <sup>1</sup> 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

<sup>1</sup> 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.)	<p>Typical RF Output Power at each RF chain, at a room temperature of 25°C (77°F)</p> <p><u>2.4G</u></p> <ul style="list-style-type: none"> <li>• 14±2dBm VHT20 at MCS0~7</li> <li>• 13±2dBm VHT20 at MCS8~9</li> <li>• 14±2dBm VHT40 at MCS0~7</li> <li>• 13±2dBm VHT40 at MCS8~9</li> </ul> <p><u>5G</u></p> <ul style="list-style-type: none"> <li>• 14±2dBm VHT20 at MCS0~7</li> <li>• 13±2dBm VHT20 at MCS8~9</li> <li>• 14±2dBm VHT40 at MCS0~7</li> <li>• 13±2dBm VHT40 at MCS8~9</li> <li>• 13±2dBm VHT80 at MCS0~9</li> </ul>



# 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 limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé 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 utilisation à l'intérieur afin de réduire les risques de brouillage.

## CE Conformity for European Countries

**CE** 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 judiciaire 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 <sup>+</sup> )	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/environmental-social-governance/recycle>

### 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](mailto: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.

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





**ViewSonic®**