

ViewSonic ViewBoard IFP (Interactive Flat Panel)

User Manual for IFP-52 Series



ViewSonic®
See the difference.®

Md. Golam Mostofa
IT Manger
Orient Computers

ViewSonic ViewBoard

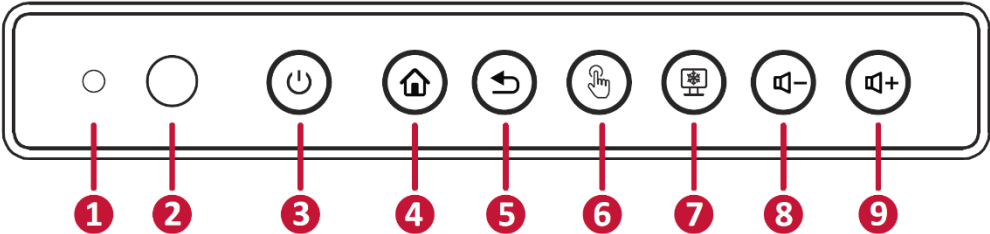
1.0.0. Product Overview



Fig 1: Front Panel

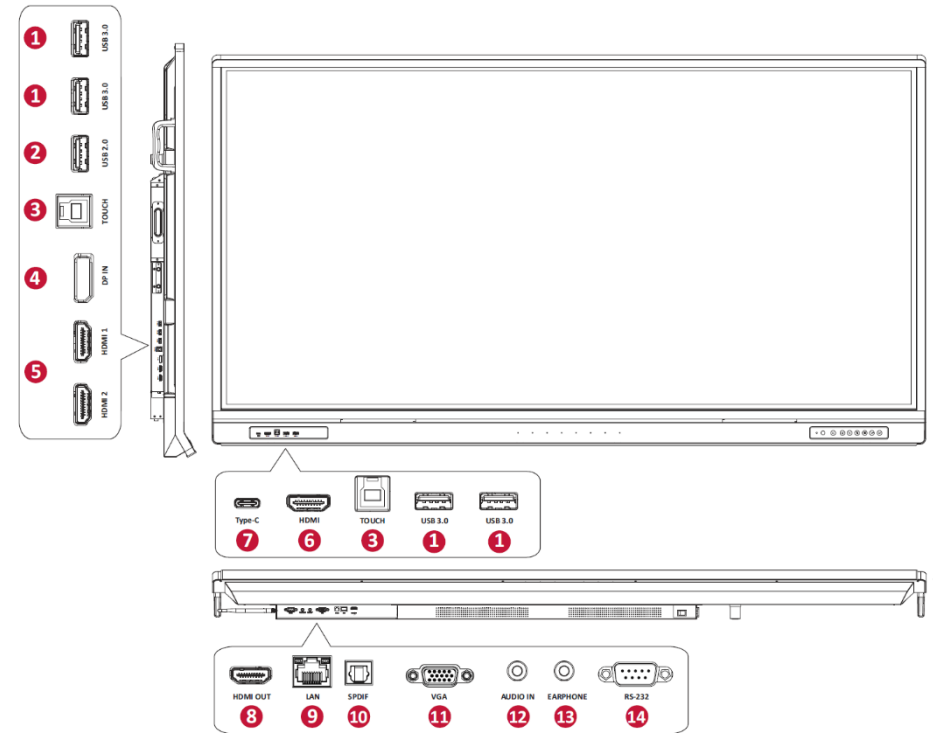
1.1.0. Control Panel

Number	Description
01	Ambient Light Sensor to monitor the ambient light
02	Remote control receiver
03	Power indicator light Press the key to turn on the device Press the key to turn off/on the display backlight only Press and hold to turn off the device
04	Back to the ViewBoard player's main interface
05	Return to the ViewBoard player's previous level
06	Disable/enable the touch screen
07	Freeze the current image on the screen
08	Decrease the Volume
09	Increase the Volume



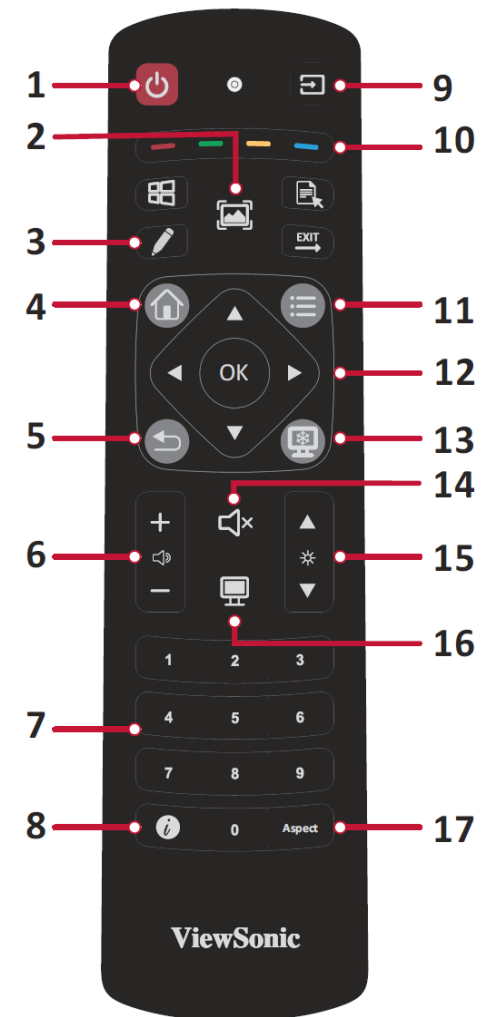
1.2.0. I/O Panels

Number	Port	Description
01	USB 3.0	Connect USB devices such as hard disks, keyboard, mouse, etc. Automatically switches between PC and ViewBoard.
02	USB 2.0	Connect USB devices such as hard disks, keyboard, mouse, etc. [5V dc/0.5A]
03	TOUCH	Touch signal output to external PC. After connection (with an external PC), the device connected to the USB 3.0 port can directly be used by the external PC.
04	DisplayPort IN	DisplayPort input; connect to PC with DisplayPort output.
05	HDMI 1/2	High-definition input; connect to PC with HDMI output, set-top box, or another video device.
06	HDMI	High-definition input; connect to PC with HDMI output, set-top box, or another video device.
07	USB Type-C	USB Type-C input; connect to PC with USB Type-C output.
08	HDMI OUT	Connect to devices with HDMI input function. Supports 1080p and 4K@60Hz.
09	LAN	Standard RJ45 (10M/100M/1000M) Internet connection interface. NOTE: This network port is used for the ViewBoard Player, Type-C and slot-in PC.
10	SPDIF	Multichannel sound via optical signals.
11	VGA	External computer video input.
12	AUDIO IN	External computer audio input.
13	EARPHONE	Audio output to an external speaker/headset.
14	RS-232	Serial interface; used for mutual transfer of data between devices.



1.3.0. Remote Control Overview

Number	Description
01	Power on/off
02	Screen capture
03	Startup writing
04	Back to the ViewBoard player Home Screen
05	Back/Return to the previous page
06	Increase/Decrease the Volume
07	Number Keypad
08	Information
09	Input source selection
10	Media control buttons: Red: Play/Pause Green: Stop Yellow: Forwards Blue: Backwards
11	Settings menu
12	Up/Down/Right/Left/OK
13	Freeze screen
14	Mute/Unmute
15	Increase/Decrease Brightness
16	Blank Screen
17	Adjust Aspect Ratio



1.4.0. Remote Control Effective Range

The working range of the remote control is shown here. It has an effective range of 6 meters, 30° degrees left and right. Ensure there is nothing obstructing the remote control's signal to the receiver.



1.5.0. Using Gestures

Touch gestures allow the user to use pre-determined commands without using a keyboard or mouse. Using gestures on the ViewBoard, the user can select/deselect objects, change the location of an object, access settings, erase digital ink, and much more.

NOTE: Gesture availability will vary based on the application.

Select and Deselect an Object (Clicking)

Press and release the ViewBoard to select/deselect options or objects. This is like a single, standard left mouse click.



Display Menu Options (Right Clicking)

Press and hold the ViewBoard with your finger. This is like a single, standard right mouse click.



Double-Clicking

Quickly press and release twice in the same location on the ViewBoard. This is like a double, standard left mouse click.



Moving an Object

Press and hold the object on the ViewBoard and slowly drag it with your finger to your desired location.



Erasing Digital Ink

Use your flattened hand, palm, or fist on the ViewBoard and move your hand across the area which you wish to erase.



1.6.0. Connecting External Devices

1. USB Type-C Connection

Connect a USB Type-C cable from your external device to the Type-C port on the ViewBoard.



Type-C

or



TOUCH



DisplayPort

or



TOUCH



HDMI

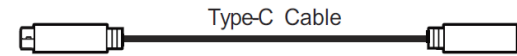
or



TOUCH



VGA



Type-C Cable



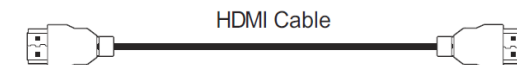
USB Cable



DisplayPort Cable



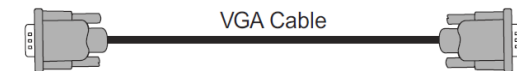
USB Cable



HDMI Cable



USB Cable



VGA Cable



RS-232



Serial Port Cable



Computer

2. DisplayPort Connection

Connect a DisplayPort cable from your external device to the DisplayPort port on the ViewBoard.

Connect a USB cable to the external device from the TOUCH port of the ViewBoard.

3. HDMI Connection

Connect an HDMI cable from your external device to the HDMI port on the ViewBoard.

Connect a USB cable to the external device from the TOUCH port of the ViewBoard.

4. VGA Connection

Connect a VGA cable from your external device to the VGA port on the ViewBoard.

Connect a USB cable to the external device from the TOUCH port of the ViewBoard.

5. RS-232 Connection

When you use a RS-232 serial port cable to connect your display to an external computer certain function can be controlled remotely by the PC, including Power On/Off, Volume adjustment, Input selects, Brightness, and more.

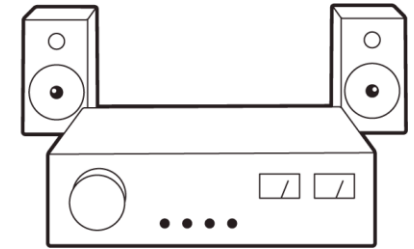
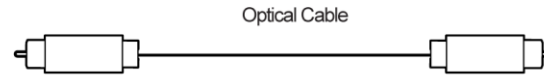
6. SPDIF Connection

To connect to an external sound system:

Connect an optical cable from the SPDIF port to your sound system's optical connector.

Plug in the power cord of your ViewBoard, and turn on the rear-panel power supply switch.

Press the Power button on the right-hand side of the ViewBoard to turn the screen on.



Power amplifier / Stereo equipment

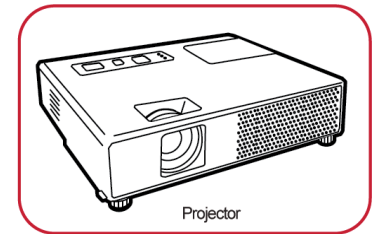
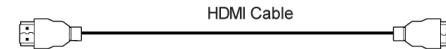
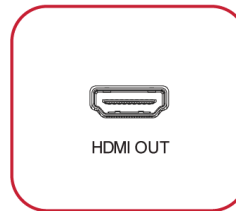
7. Video Output Connection

To output video via a display device:

Connect an HDMI cable to the HDMI IN port of your display device, and the other end to the HDMI OUT port of your ViewBoard.

Plug in the power cord of your ViewBoard, and turn on the power supply switch.

Press the Power button on the right-hand side of the ViewBoard to turn the screen on.



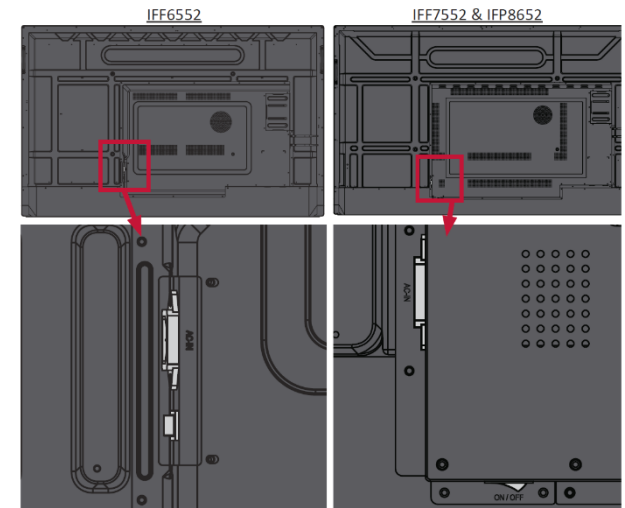
Projector

8. Power On/Off your ViewBoard

Ensure the power cord is connected, plugged into a power outlet, and the power switch is in the "On" position.

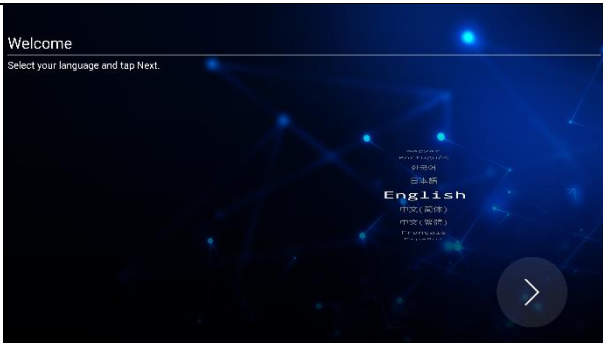
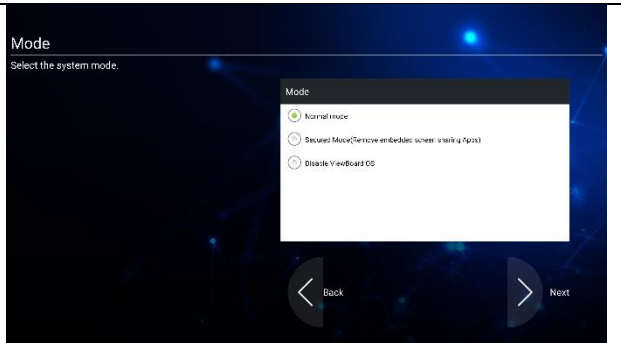
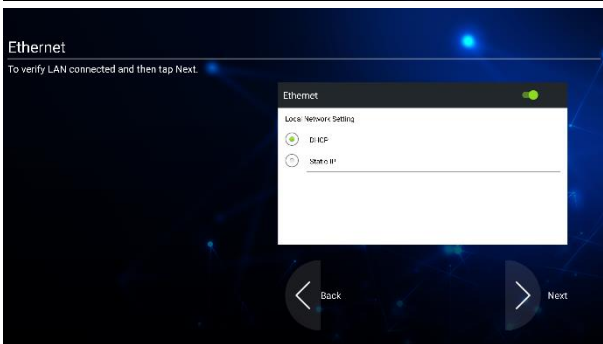
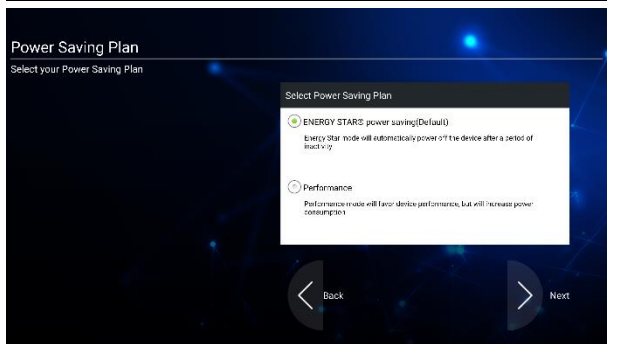
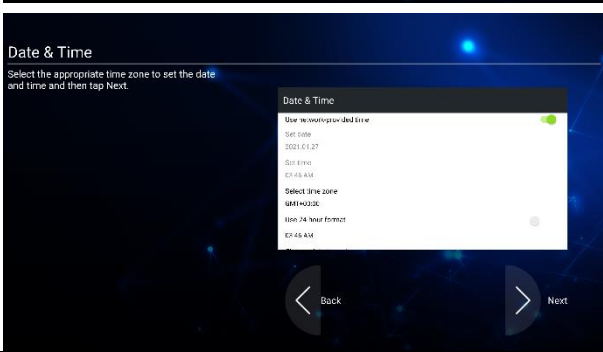
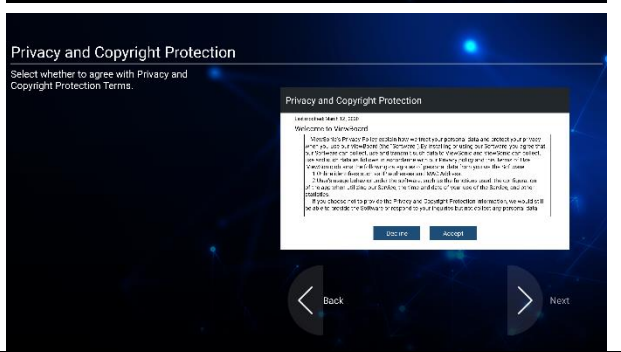
Press the Power button to turn on the ViewBoard.

To turn the ViewBoard off, press and hold the Power button.



1.7.0. Initial Launch Setup

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

<p>Select your Language.</p>		<p>Select your preferred System Mode.</p>	
<p>Setup and verify your LAN connection.</p>		<p>Select your Power Saving plan.</p>	
<p>Select your Time Zone to set the Date and Time.</p>		<p>Accept or Decline the Privacy and Copyright Protection Terms.</p>	

1.8.0. Toolbar

Toolbar trigger icons are on the edge of the ViewBoard launcher providing access to your tools.



To launch a tool:
Tap a Toolbar trigger icon.
Tap on your desired tool icon.

NOTE: The default toolbar setting is to be available for all input sources; however, users can go to: Settings > Preference > Toolbar setting to adjust the options:
(1) available for all input sources,
(2) hide the toolbar for all input sources.



Toolbar Icons

Icon	Description	Icon	Description
	Return to the previous operation screen.		Return to the Home Screen of the Embedded Player.
	Display all embedded applications that are currently being used.		View all installed applications.
	Launch the myViewBoard software.		Record, view, and save the on-screen content.
	Access the pen, highlighter, clear, and save options.		View more applications within the ViewBoard toolbar.
 	<p>Pen Annotate the overlay of any input source with black, white, yellow, orange, red, pink, green, or blue ink.</p> <p>Highlighter Mark and highlight with yellow, grey, gold, orange, red, pink, green or blue ink.</p> <p>Eraser Selectively remove the digital ink on the screen.</p> <p>Undo Undo the previous action.</p> <p>Redo Redo the previous action.</p> <p>Clean Clears all the digital ink on the screen.</p> <p>Save Save the screen image and any annotations.</p> <p>Exit Close the drawing tool.</p>	 	<p>Screen Freeze Convert the currently displayed content into a still image; then you can zoom in, zoom out, go back to full screen, and exit.</p> <p>Spotlight Highlight the focus content zone. Tap the Setting icon to adjust the spotlight size and alpha blending effect.</p> <p>Stopwatch Tapping Start will initiate the stopwatch. At any time, the stopwatch can be paused, resumed, split, or reset.</p> <p>Timer Access the countdown timer with an optional alarm setting. Touch and swipe to adjust the numeric values, then click Start. At any time, the countdown timer can be paused, resumed, or reset.</p> <p>Hide/Unhide Hide or unhide the Tool bar trigger icons.</p> <p>Screen Capture Take a screenshot of the current screen.</p>
	Access the General Settings.		

1.9.0. On-Screen Display (OSD) Menu

Access General Settings, Input Settings, and Widgets through the OSD Menu. ViewBoard has two options for opening the OSD Menu:

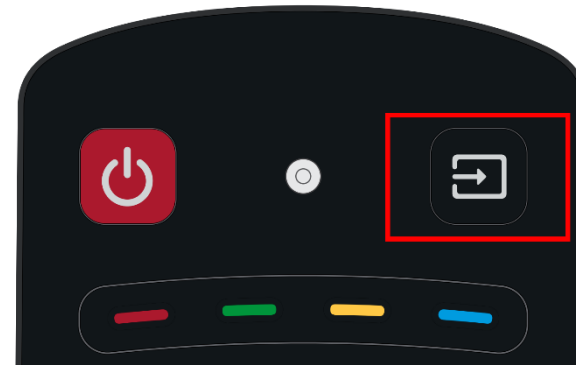
Option 1

Long press anywhere on the vLauncher background.



Option 2

Press the INPUT button on the remote control.



General Settings

To adjust the Backlight and enable/disable Eye Care:

Press INPUT on the remote control or long press the vLauncher background and touch General on-screen (if needed) to display the General Settings menu.

Drag the brightness slider directly to adjust the backlight value, and/or touch On or Off to enable/disable the function.

Press BACK on the remote control, or touch a blank area outside of the menu to exit.

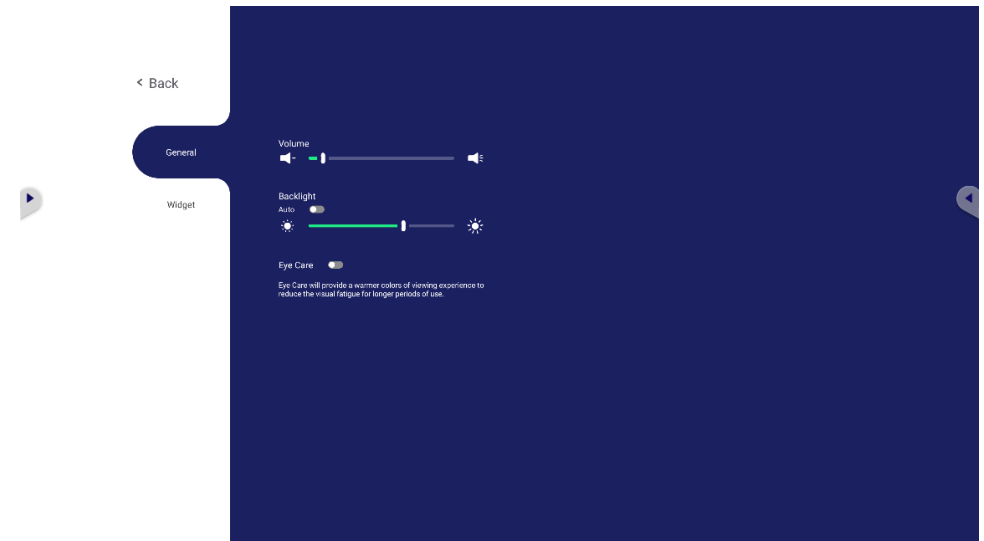
To adjust the Volume:

Press INPUT on the remote control or long press the vLauncher background and touch General on-screen (if needed) to display the General Settings menu.

Drag the volume slider directly to adjust the value.

Press Mute on the remote control to enable or disable the mute function.

Press BACK on the remote control, or touch a blank area outside of the menu to exit.



Input Settings

To select an Input Source:

Press INPUT on the remote control, press the setting button on the front panel, or press the setting icon from the toolbar to display the Input Settings

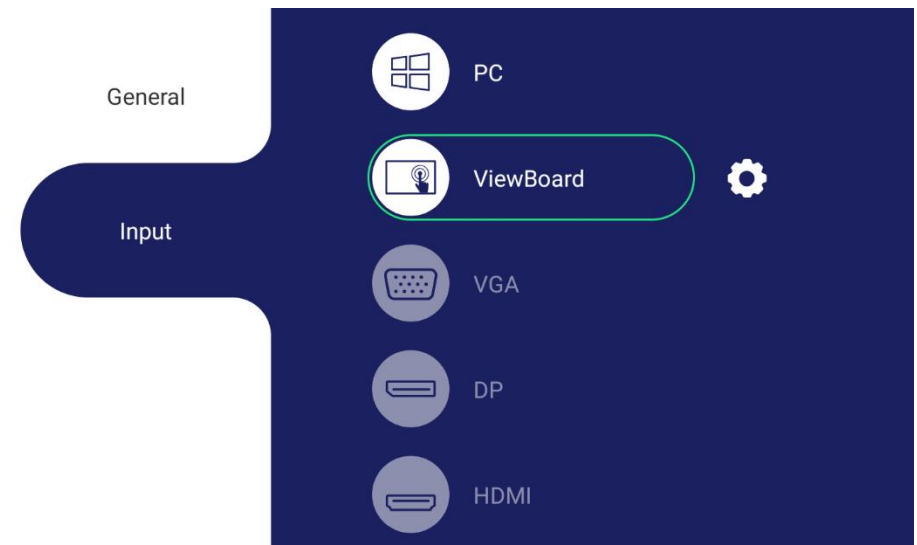
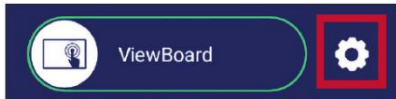
Press ▼/▲/◀/▶ to select the input source you want.

NOTE: PC source will only display when the slot-in computer is connected.

Press ENTER on the remote control, or touch the input source.

Press BACK on the remote control, or touch a blank area outside of the menu to exit.

NOTE: To adjust the settings of an input source, touch the setting icon next to the highlighted input source.



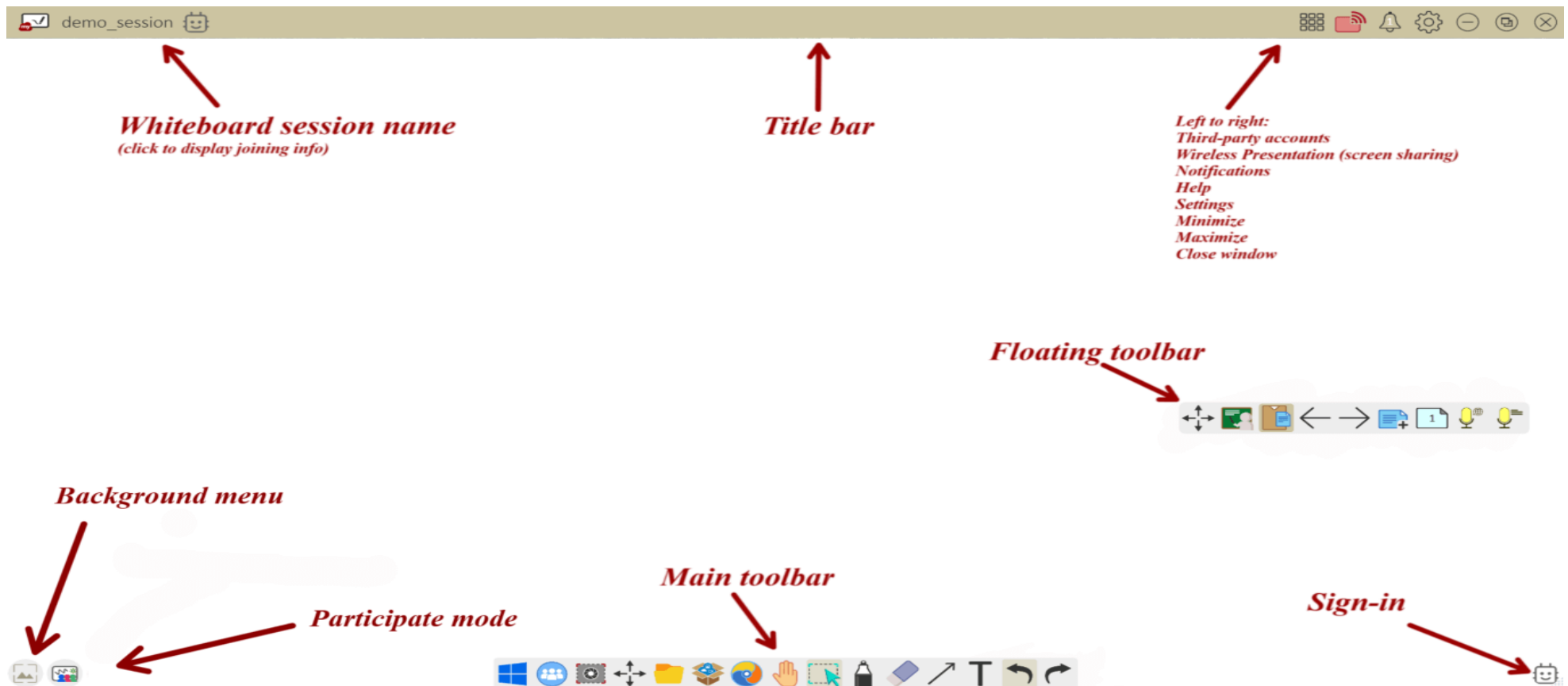
2.0.0. Embedded Software

The best thing about ViewSonic brand IFP from other brands IFP is that it's hardware and software are developed by ViewSonic itself. For which there is no buffering and licensing issue of the software. If ViewSonic generates any updates to any software, and if the IFP is connected to the Internet, then it updates automatically. This eliminates the bugs in later versions of the software and adds new features.

2.1.0. Embedded Digital Whiteboarding App

Whiteboard is a digital whiteboard designed to run on the Windows and Android operating system. Whiteboard features work best on large touchscreen displays, but Whiteboard also runs on non-interactive screens such as a laptop screen, with mouse clicks replacing the touch for interaction. Whiteboard works together with myViewBoard.com to allow screen-sharing, and personalize files and settings that can follow a user across devices.

2.1.1. Whiteboard Working Area



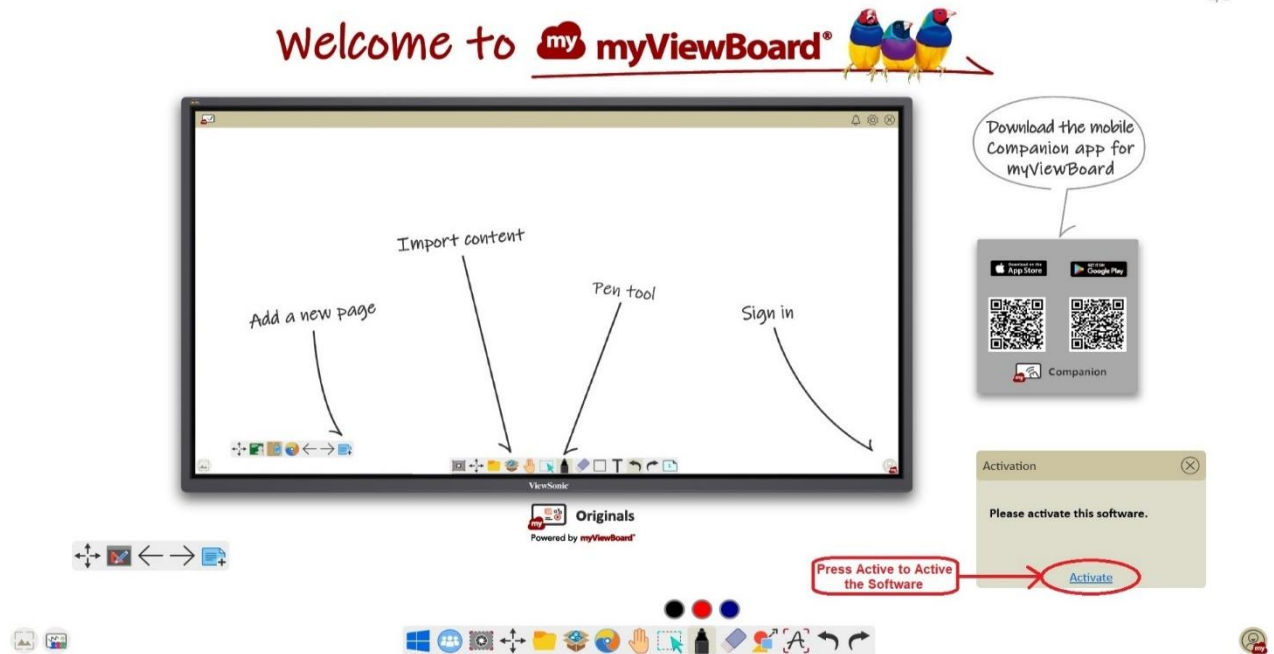
For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Whiteboard_for_Windows

2.1.2. Whiteboard Activation

After opening the whiteboard software for the first time, it needs to be active. The activation procedure are given below:

1. Click/tap the active button to activate the software.



2. After Clicking/taping the active button a new window will show. Here you have to provide your email id twice, then 1. Click/tap submit.

Whiteboard Activation

Welcome to myViewBoard Whiteboard

Please follow the steps below to activate the software.

1. Type in an email address to activate the software.

2. The Whiteboard activation email will be sent to the email address.

3. Click the activation link inside the email to activate.

4. A successful activation message will be shown on the system default browser.

5. Please reopen Whiteboard again.

Email address to receive activation email:

Enter your email ID

Please enter the same email address again:

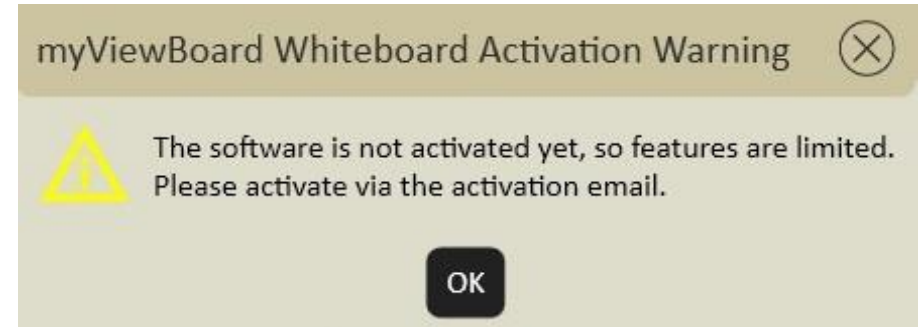
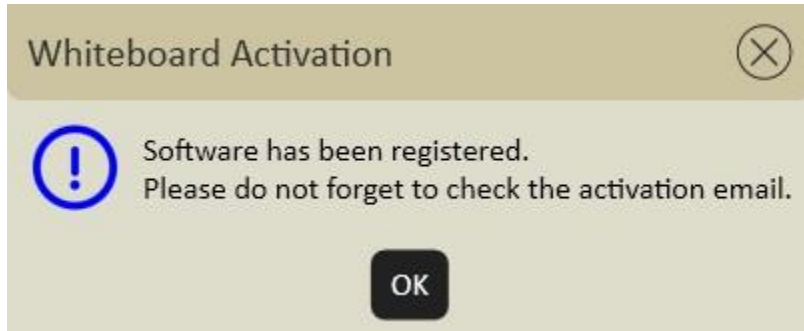
Confirm your email ID

Please do not forget to check the activation email.

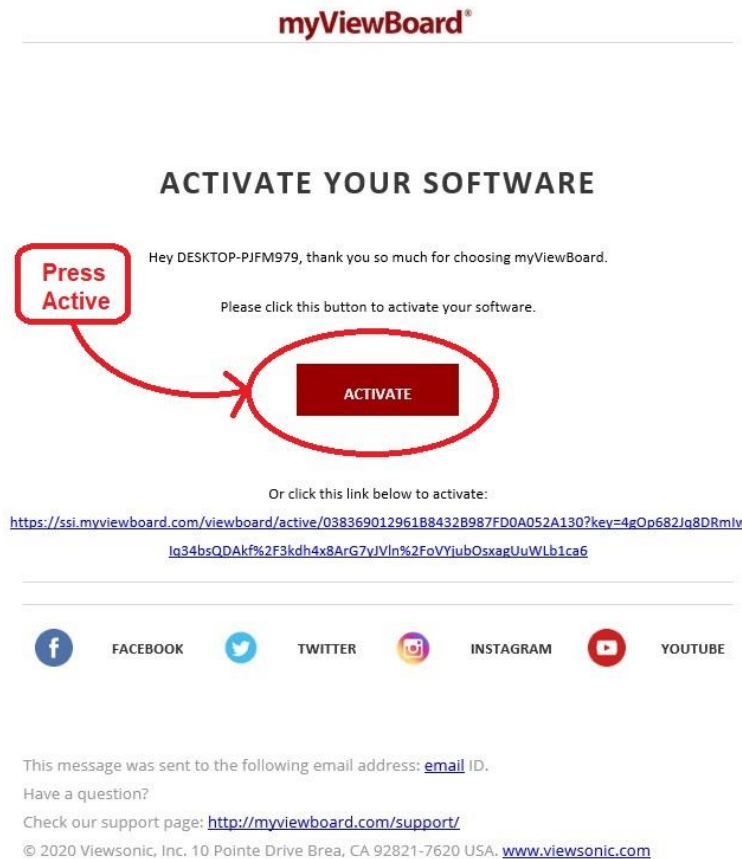
Submit

ViewSonic 2017-2022. ©All rights reserved.


3. After submitting the email ID will show two new windows, and Click/tap ok on those, then an activation mail will be sent to that email ID.

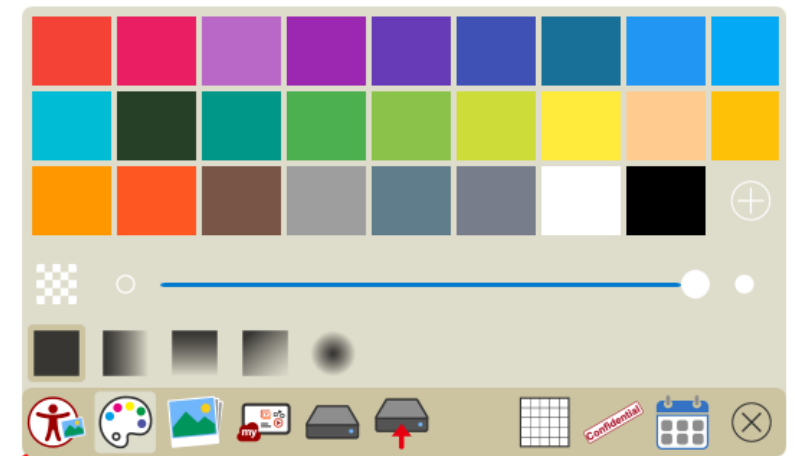


4. A mail will come from myViewBoard (as shown in the below figure) to the email ID which was submitted. Click/tap the active button on the mail, then a webpage will open. Through this, the software will become activated.



2.1.3. Background Menu

Change the background by clicking the  icon in the bottom left of the screen. You can import images from local and cloud storage, use myViewBoard custom backgrounds, or set a solid color.



2.1.4. Participate Mode



Participate mode divides the whiteboard surface into up to six smaller whiteboards, each with their dedicated pen and eraser tools.

1. Open Participate mode from the icon in the bottom left of the screen.
2. Three mini whiteboards open by default. Change the number with the icons in the bottom-left corner.
3. The pen color for each whiteboard can be configured independently. Each whiteboard also has its own eraser and delete all.
4. On the bottom Participate toolbar, you can swap the top and bottom rows (for four or more boards).
5. Close Participate mode by clicking the cross in the bottom right of the screen.





















Change
number of
boards

Clear all boards
Swap the top and
bottom rows

Exit Participate mode

2.1.5. Whiteboard Floating Toolbar

In addition to the main toolbar which is fixed to either the sides or bottom of the screen, Whiteboard also has a floating toolbar. This can be moved around the whiteboard freely.































Business	Education (default)	Name	Description
		Move toolbar	Click and drag to move toolbar to the side or bottom of the screen.
		Present mode	Switch to fullscreen mode, hiding the Windows task bar and title bar. You can still draw and edit the Whiteboard.
		Paste from clipboard	Paste content onto the canvas. Supports text and most filetypes.
		Previous Page	Move to the previous page.
		Next Page	Move to the next page.
		New Page	Add a new page.
		Pages in Whiteboard	Create, select, rearrange, copy, and delete pages.
		Live Captions Language	Sets the language used by the Live Captions feature ¹ .
		Live Captions	Displays spoken text as captions during presentation mode ¹ .

For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Floating_Toolbar

2.1.6. Whiteboard Main Toolbar

The toolbar contains tools that allow users to add annotations to the Whiteboard canvas area. This toolbar is always fixed to the right, left or bottom side of the program window. The appearance of icons in the toolbar varies depending on the selected theme. Whiteboard for Windows and Android include the following icons in the main toolbar:

Business	Education (default)	Name	Description
		Windows toggle button	Click to use the Whiteboard tools over Windows OS <i>this is only available in Whiteboard for Windows.</i>
		Wireless presentation	Enable and manage wireless presentations and video conferencing <i>this is only available in Whiteboard for Windows.</i>
		Screen capture	Screenshot, video, and audio recording.
		Move toolbar	Click and drag to move toolbar to the side or bottom of the screen.
		File	Open, save, export, and print Whiteboard files.
		Magic box	Many tools for adding interactivity, web content, and quizzes.
		Embedded browser	Opens the built-in browser to access internet resources. Text and images from the browser can be dragged onto the canvas.
		Infinite canvas	Drag to move the canvas. Use two hands to zoom in/out. Click again to open the infinite canvas overview.
		Selection	Select objects, text, and other elements on the canvas.
		Pen	Draw freehand lines. Click twice for more options, like AI Pen.
		Eraser	Erase objects. Click twice for more options.
		Shapes and Lines	Draw shapes, arrows, and add tables. Click twice for more options.
		Text and Handwriting	Add a textbox. Click twice to switch to handwriting recognition.
		Undo	Undo (current page).
		Redo	Redo (current page).

For more detail, please browse the links mentioned below:








https://wiki.myviewboard.com/Whiteboard_Main_Toolbar

2.1.6.1. Windows Toggle Button

Click to activate desktop mode. Whiteboard behaves as follows:



1. Whiteboard hides the canvas and shows the current Windows desktop state. During this time, users are given full access to all functions in Windows. Additionally, Whiteboard ignores any timeout setting set by the user.
2. Whiteboard is minimized to a persistent compact toolbar to the side of the screen. This compact toolbar displays the following tools only:

Icon	Feature	Description
	Canvas Toggle	Toggles between desktop mode and canvas.
	Casting	Displays casting information of the current user.
	Screen capture	Displays options for capturing the contents of the canvas.
	Move toolbar	Click and drag to move toolbar to the left, right, or bottom side of the screen.
	Annotation tool	Freezes the screen and enables Whiteboard annotation tools. Click again to hide Whiteboard annotation tools and return to desktop mode.
	Live Captions settings	Sets the language used by the Live Captions feature.
	Live Caption tool	Displays spoken text as captions during presentation mode.

For more detail, please browse the links mentioned below:




https://wiki.myviewboard.com/Windows_Toggle_Button

<https://www.youtube.com/watch?v=IrK5EvS8PJc>


2.1.6.2. Wireless Presentation

Wireless Presentation is a feature of Whiteboard that allows the whiteboard host to share their screen and audio, and also to receive others' screens and audio feeds. Whiteboard for Windows fully supports this feature, and most ViewBoard models running Whiteboard for Android also support this feature. For Android devices that do not have Wireless Presentation supported, see myViewBoard Live.

To enable Wireless Presentation:

1. Make sure you are signed in to Whiteboard with your myViewBoard account.
2. Click the Wireless Presentation icon on the title bar at the top of the screen.
3. On the Wireless Presentation window, click  the red Wireless Presentation icon to enable screen sharing.
4. The icon will turn green  indicating Wireless Presentation is enabled. To disable the feature, click again.
5. Students and attendees can watch the stream by signing in to myviewboard.com, and clicking this icon,  located in the top menu.

To always enable Wireless Presentation, perform the following:

1. Using a browser, go to <http://myviewboard.com>.
2. Sign in with your myViewBoard account.
3. Click the  FollowMe icon.
4. Click Setting.
5. Toggle the Always enable Wireless Presentation option to on.
6. Click confirm.

The setting is applied the next time you sign in to the myViewBoard program.

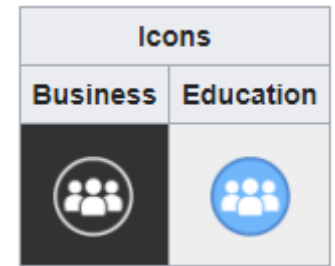
For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Wireless_Presentation

https://www.youtube.com/watch?v=w-SxH_IUvoU






<https://www.youtube.com/watch?v=pntMkxwzIU0>

<https://www.youtube.com/watch?v=Z09jMyr4LFQ>



2.1.6.3. Screen Capture

The Screen Capture tool in Whiteboard can be used to take a screenshot, record the screen, record audio, and livestream the screen.

Icon	Feature	Description
	Capture the entire screen	Click to instantly capture the entire whiteboard area.
	Capture a freehand region	Draw a closed shape around the area to capture. The capture is ignored if the shape is not closed.
	Capture a rectangular region	Click and drag to draw a rectangle over the area to capture. Release to capture.
	Records events on the whiteboard	Click to open the recording toolbar.
	Record audio from the computer.	Click to open the audio recording tool.

For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Screen_Capture
<https://www.youtube.com/watch?v=8eyU-fyanoc>
<https://www.youtube.com/watch?v=QGhAaUN7T24>
<https://www.youtube.com/watch?v=qdbvEPKEhnw>

2.1.6.4. Move Toolbar

In Whiteboard for Windows and Whiteboard for Android both the main toolbar and floating toolbar can be moved. Click and drag the move icon in each toolbar to reposition. The main toolbar can be snapped to the left, right, or bottom. The floating toolbar can be moved anywhere on screen.

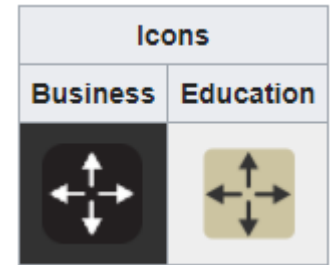
For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Move_Toolbar

<https://www.youtube.com/watch?v=60ktHpZrr7g&t=3s>

2.5.0 File Management

The File Management tool allows sharing, saving and opening Whiteboard canvas files.



Business	Education	Feature	Description
		New canvas	Creates a new, blank canvas. If a previous canvas is currently open, Whiteboard for Windows prompts the user to save before creating a new canvas.
		Open	Opens a canvas (.vboard file) from the local hard drive or the cloud storage account.
		Save	Updates the previously saved copy. If the copy has not been saved yet, Whiteboard for Windows prompts the user to provide a name for the canvas.
		Save As	Saves a new copy of the canvas, as a .vboard file, to the local hard drive or the cloud storage account. Whiteboard for Windows prompts the user to provide a name for the canvas.
		Export	Exports the canvas into other formats. For more information, see the section below .
		Print	Prints one or all pages in the canvas. This feature is not available in Whiteboard for Android.
		QR Code Share	Converts and uploads the canvas into a PDF, then generates a QR code and link for sharing. Anyone who scans the code or types the link gets a copy of the canvas in PDF form. Note that videos and embed browser are not converted.

For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/File_Management

<https://www.youtube.com/watch?v=K208w1Y5G5k>

https://www.youtube.com/watch?v=YwXA8ykpYiw&feature=emb_logo

https://www.youtube.com/watch?v=0hTYXQKi818&feature=emb_logo

<https://www.youtube.com/watch?v=danP6RbwVDk>
















https://www.youtube.com/watch?v=gE09EKL69al&feature=emb_logo

https://www.youtube.com/watch?v=0_wNAGMJmyk&feature=emb_logo

https://www.youtube.com/watch?v=cQW2LaAgUE4&feature=emb_logo
https://www.youtube.com/watch?v=Bmh0HkpZ-Mk&feature=emb_logo
https://www.youtube.com/watch?v=CaSV4Uxz-Fo&feature=emb_logo

2.1.6.5. Magic Box

Magic Box is a powerful tool to make your Whiteboard more engaging.

Icons		Whiteboard for Windows	Whiteboard for Android
          	          	<p>File</p> <p>Click this icon to access  local or cloud storage such as Google Drive or Microsoft OneDrive (click here for cloud integration instructions).</p>	<p>File</p> <p>Click the local drive icon to access additional folders in your Android device:  , cloud storages icons will appear after  icon</p>
		<p>Sticky Notes</p> <p>Click here to add sticky notes in various colors to the canvas, displaying text messages.</p>	
		<p>Tools¹</p> <p>Tools that can appear over the whiteboard/desktop such as a clock, timer, compass, calculator, random dice, graph tool, and more. Some tools only available in Windows version of Whiteboard.</p>	
		<p>Magic Box Camera¹</p> <p>Click the Camera icon to use your device camera, and insert the picture directly onto the whiteboard. <i>Icon is not displayed in Android version of Whiteboard if no camera is connected to the host device.</i></p>	
		<p>myViewBoard Clips²</p> <p>Click the icon to browse curated, safe and certified educational videos.</p>	
		<p>YouTube</p> <p>Click the icon to browse YouTube video. Drag and drop the videos onto the whiteboard.</p>	
		<p>Image Search</p> <p>Click the image icon to safely search the web for images, and drag and drop onto the canvas.</p>	
		<p>Online Widgets</p> <p>Click the icon to browse animated widgets for a variety of themes.</p>	<p><i>Not available</i></p>
		<p>Throw¹</p> <p>Click the icon to browse documents that participants have shared with the whiteboard session. Participants can do this via myviewboard.com - learn more about Throw here.</p>	
		<p>Pop Quiz¹</p> <p>Click the icon to create a quiz, which participants can answer from their devices. The teacher can view answers from this icon.</p>	
		<p>Polls¹</p> <p>Click this icon to create: multiple choice, true or false, rating, free response, voting, or random draw polls. Answers can be saved for future reference.</p>	<p><i>Not available</i></p>

For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Magic_Box




Sticky Notes on Magic Box

If you want to make a note of something on the canvas but don't want to use the Pen or Text tools, you can use colorful sticky notes instead.

For more detail, please browse the links mentioned below:
















https://wiki.myviewboard.com/Sticky_Notes

https://www.youtube.com/watch?time_continue=160&v=CrvzpAKC3Qw&feature=emb_logo

Icons		
Business	Education	Online & Classroom
		

Magic Box Tools on Magic Box

Magic Box tools can boost interactivity and engagement for your presentations, and include several math tools.

Icon	Icon Name	Description
	Clock	An analog clock based on device time. Click the shuffle icon to randomly change the time.
	Timer	A digital countdown timer. Click the mini clock icon to change the countdown, then click it again to set the time. Press the play icon to begin the countdown. Resize the countdown box by clicking and dragging the arrow icon on the right.
	Ruler	A ruler that can be extended and rotated. Click and drag along the numbers to draw a straight line along the edge. Enter a degree angle to change the ruler orientation.
	Triangle	Similar to the ruler, a Triangle that can be rotated or expanded. Click and drag along each edge to draw a straight line. Click and drag from the Whiteboard icon in the center to move the protractor.
	Protractor	A protractor that can be rotated and resized. Draw lines along each edge. Click the blank red circle icon to switch to a full circle protractor.
	Compass	A compass that can be resized and rotated. Click and drag the pen point to draw along the compass path.
	Calculator	A calculator with advanced inputs.
	XY graph	Plot straight or freehand lines. Click and drag the edges to expand. Delete by clicking the line icon on the left until an eraser is selected, or click the undo in the main toolbar. Use the icons in the bottom right to change the scale.
	Navigational compass	Use the navigational compass (koershemeter) to measure angles and bearings. Drag the red bearing line, or type an angle. Click and drag the on the edge to expand, on the scale to rotate, and on the inside to move.
	Math Input Panel	Use pen to write math formulas and symbols, and click <i>insert</i> to add to the canvas as text.
	Flash Cards	Flash cards allow you to create a question, add an image to one side of the card, and then an answer and another image to the other side of the card. To flip the card, press the light bulb icon.
	3D Dice	Roll the dice by clicking a die. Add more die, change the color and transparency by clicking the red icons.
	Magnifying Glass	Add a magnifying glass to the canvas or desktop. Drag the edge of the magnifying glass to change the size, and adjust magnification by clicking the gear icon.
	Spotlight	Black out the whole screen except for a small circle. Click and drag anywhere on the dark area to move the circle. Drag the edges of the circle to resize/reshape the circle. Click the gear to adjust opacity of dark area.
	Window Shade	Cover the screen or a section of the screen with an image. The default image is a silver window shade. Click and drag the window shade to move it around and reveal specific sections. A custom image can also be used.

For more detail, please browse the links mentioned below:



https://wiki.myviewboard.com/Magic_Box_Tools
<https://www.youtube.com/watch?v=rvSip3L-Tjg>
<https://www.youtube.com/watch?v=-GUZchvIQN0>
<https://www.youtube.com/watch?v=yzvMhrEkWKg>
<https://www.youtube.com/watch?v=W0TTs0NHLsc>
<https://www.youtube.com/watch?v=xLLv1o865r4>
<https://www.youtube.com/watch?v=3ZyysTfEusU>

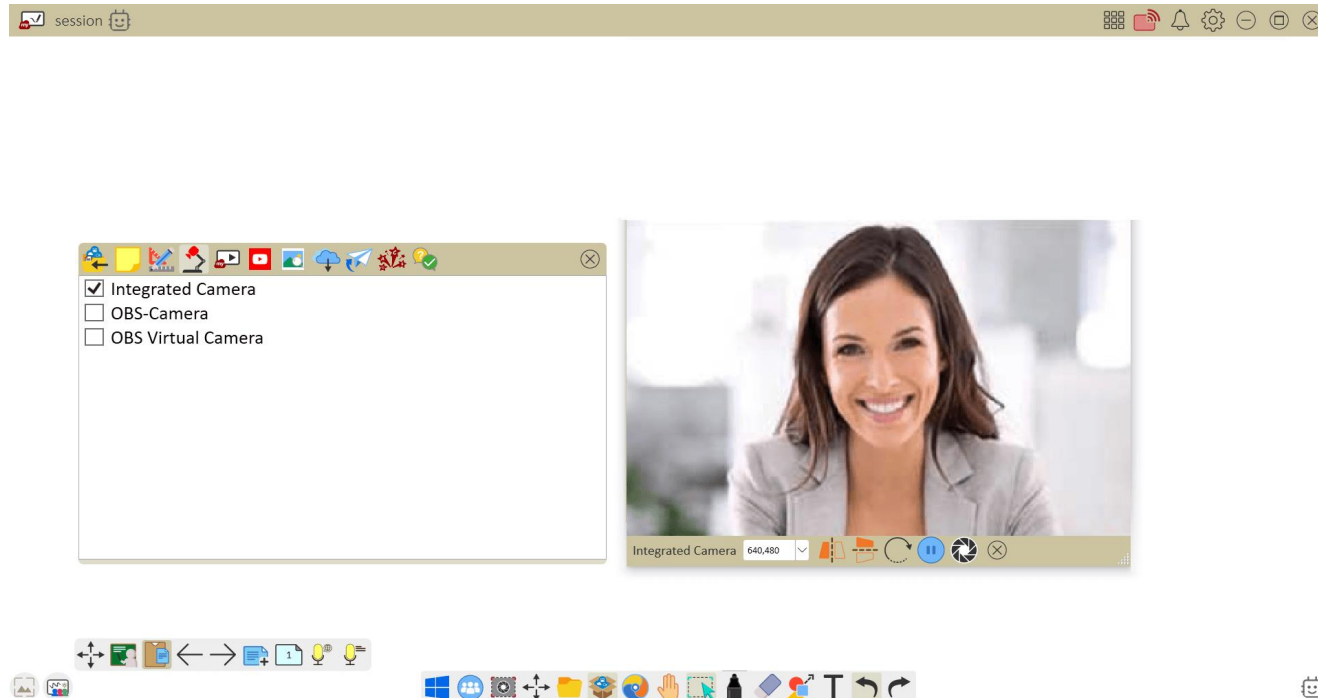
Magic Box Camera on Magic Box

Click the camera icon on the Magic Box toolbar to start a live stream from an attached camera. The Camera accesses a webcam or external camera connected to the device running the myViewBoard program.

For more detail, please browse the links mentioned below:

<https://wiki.myviewboard.com/Camera>
<https://www.youtube.com/watch?v=HolGVIlbMME>

Icons	
Business	Education
	



myViewBoard Clips on Magic Box

myViewBoard Clips contains over 2 million educational videos from more than 150 media brands for Video-Assisted Learning (VAL). Built specifically for education, Clips has no adverts, is copyright cleared, and is powered by Boclips. At this time, the majority of videos are in English although the service has a limited content selection in Spanish, French, Arabic, and Mandarin. Clips is available for Education entities.

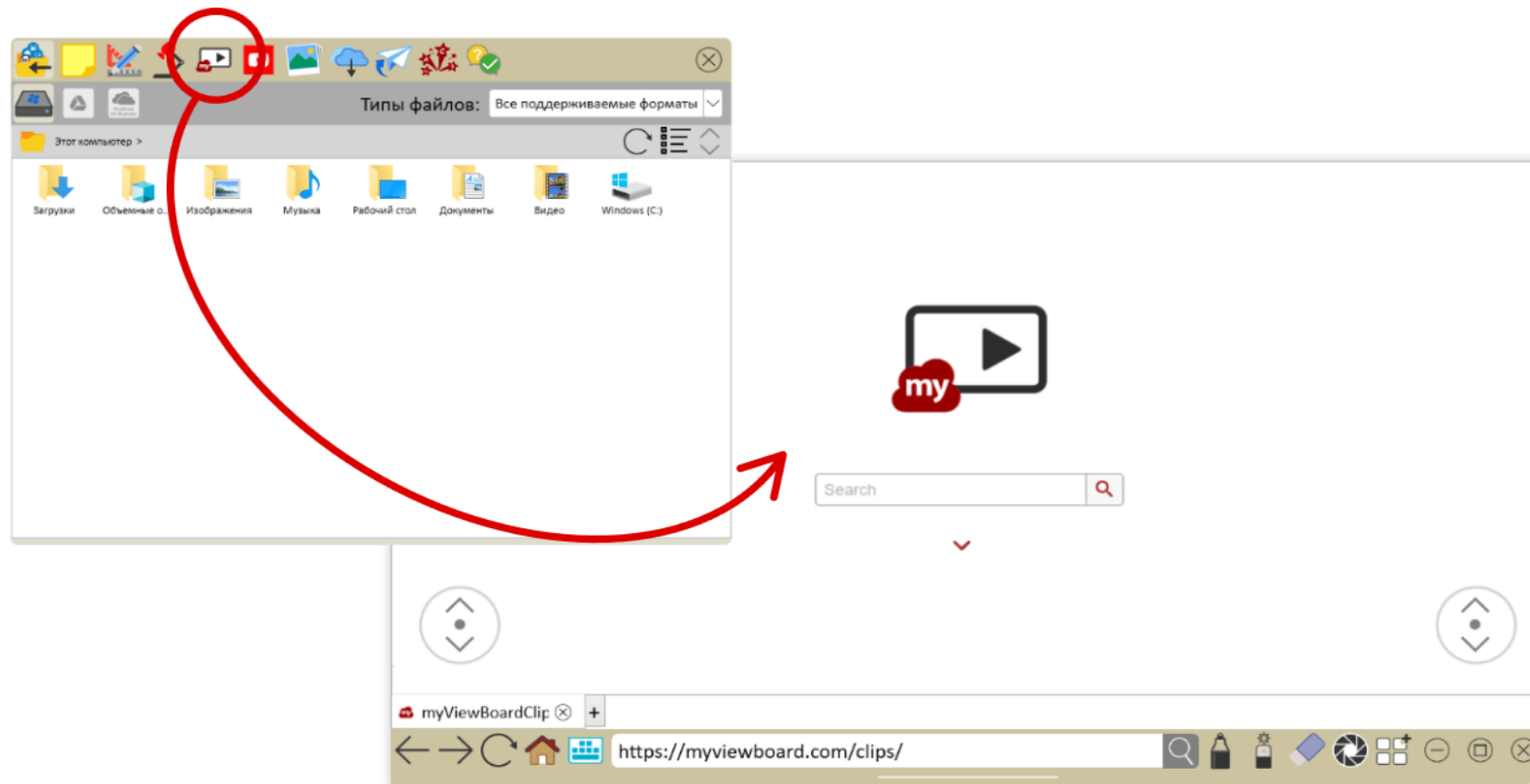
For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/MyViewBoard_Clips

<https://www.youtube.com/watch?v=MalMueZqVyY&t=30s>

<https://www.youtube.com/watch?v=oLrViCuT7o0>

<https://www.youtube.com/watch?v=HO-8gveNKtE>



YouTube on Magic Box

In Whiteboard for Windows, Whiteboard online and Classroom use the YouTube search from the Magic Box to easily add videos without leaving the app.

For a more detailed idea, please watch the videos of the links mentioned below:

https://wiki.myviewboard.com/Magic_Box_YouTube
<https://www.youtube.com/watch?v=YMux0brpVYU>

Image Search on Magic Box

Safely search web images without having to leave the Whiteboard or Classroom app. Simply drag and drop the images onto the canvas. Image results are filtered to ensure appropriateness and to be free of license restrictions.

For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Magic_Box_Image_Search
<https://www.youtube.com/watch?v=3Bz93aQJfp4>

Online Widgets on Magic Box

Animated widgets for animals, sports, daily life, and nature.

For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Online_Widgets
<https://www.youtube.com/watch?v=iKfDwd0RSBA>




Throw on Magic Box




Throw allows users to send images, videos, and other documents wirelessly from their device to a Whiteboard session. No download necessary.



Before using Throw

Use Throw to wirelessly share files to a Whiteboard.

- To use Throw, make sure you are signed in to Whiteboard (see sign in to Whiteboard for a guide).
- Share your Whiteboard session ID to your audience, either as a URL or a QR code. The session ID is the myViewBoard name that appears in the top left of the Whiteboard. Users can Throw files to your Whiteboard session from a web browser or the Companion. This is the same method for using Pop Quiz and Polls.

Icons		
Business	Education	Online & Classroom
		

Icons		
Business	Education	Online & Classroom
		

Icons	
Business	Education
	

How to use Throw

On the audience side, simply use a web browser or the myViewBoard Companion app to access the web portal for the host session.

Throw using the Whiteboard Portal webpage

The host may instruct users to go to a Whiteboard portal webpage to interact with the active Whiteboard session. To get the portal URL, the host must click the session's myViewBoard Name located on the top right corner of the title bar to display the Portal URL or a QR code to share. The Portal is an online page that users can access without the need to sign in. It is recommended that participants use a Chromium-based browser like Google Chrome or Microsoft Edge to access the public portal.

The portal URL uses the following URL format:

myViewBoard.com/NAME_OF_THE_HOST_WHITEBOARD

- Enter your name or nickname and click Confirm.
- Under Throw files to the Whiteboard, click Upload for upload, or drag and drop files into the area below.
- The selected object is automatically sent.

For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Magic_Box_Throw

<https://www.youtube.com/watch?v=rYfZXKLZNDU>

<https://www.youtube.com/watch?v=njqyOfTWoYI>

Pop Quiz on Magic Box

Pop Quiz allows the teacher to ask a question verbally or in written form, and invite students to submit their answers from their own device which can be shared to the Whiteboard. Polls is a similar feature, designed for more structured questions.

For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Pop_Quiz

<https://www.youtube.com/watch?v=rYfZXKLZNDU>

<https://www.youtube.com/watch?v=lzuv8pYA2vI>



Icons	
Business	Education

Polls in Whiteboard on Magic Box

Polls allows the teacher/host to create questions in many formats. The audience can answer using their mobile devices to scan a QR code, by using a web browser (no download necessary), or by using the Companion App. Poll data (questions, attendees, and responses) can then be viewed in real-time or exported.


For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Polls_Quiz

<https://www.youtube.com/watch?v=eVRkgMWxcQw>

<https://www.youtube.com/watch?v=AgFFOG15yFw>

Polls





Instructions:


1. Select format below


2. Write question and response options


3. Click the check mark to begin


 Multiple choice

 True or False

 Rating

 Free format

 Voting

 Random Draw




0 Questions

0 Finished

0 Attendees

Questions

Attendees



Show questions

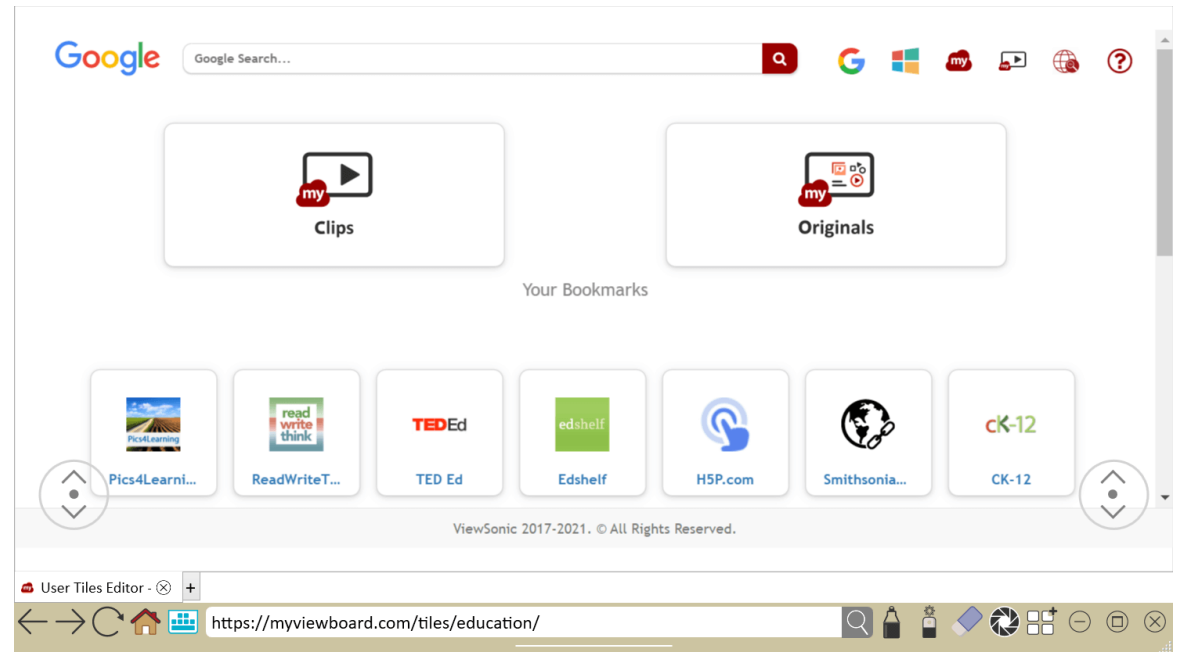
Automatically start the next question

2.1.6.6. Embedded browser

The embedded browser is a built-in web browser which allows access to internet sites without leaving Whiteboard.

For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Embed_browser
https://www.youtube.com/watch?v=DtU0c1h_uGU&feature=emb_logo
https://www.youtube.com/watch?v=1-3KaZOHjy0&feature=emb_logo
https://www.youtube.com/watch?v=gyZWuXp4QHk&feature=emb_logo
<https://www.youtube.com/watch?v=sRohRaYnn40>
https://www.youtube.com/watch?v=f2CALAwQZNs&feature=emb_logo
<https://www.youtube.com/watch?v=f2CALAwQZNs>



2.1.6.7. Infinite Canvas

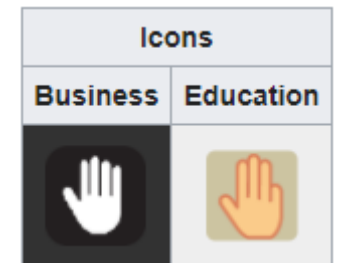
The Infinite Canvas tool allows the user to pan, zoom and move across the canvas. This allows users to create more space to write or add content on the canvas.

Using Infinite Canvas

1. To move around the canvas:
 - Click the Infinite Canvas tool, then drag the canvas to the desired location.
 - If another tool is active, click and drag the middle mouse wheel to move across the canvas.
2. To adjust magnification of the canvas:
 - On a touch-enabled device, use two fingers to zoom in/out of the canvas.
 - Using a mouse, use the mouse scroll wheel to zoom in/out of the canvas. Zooming using the mouse wheel also works if the Infinite Canvas is not the active tool.
3. Click the Infinite Canvas icon again to open the Infinite Canvas Overview window. This window displays the current zoom percentage, and gives an overview of the whole canvas.

For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Infinite_Canvas
<https://www.youtube.com/watch?v=0-hwN62nFZ8&t=44s>



2.1.6.8. Selection

Use the Selection tool to select objects, text and pictures.

Click the Selection tool and perform one of the following:

- To select a single object, click on a solid part of the object.
- To select multiple objects as a group, draw a circle around the objects to include in the selection.

For more detail, please browse the links mentioned below:

<https://wiki.myviewboard.com/Selection>

<https://www.youtube.com/watch?v=o2bXcNofpTI>

2.1.6.9. Pen

Use the pen tool to draw freehand lines and shapes. Pen types available vary between platforms.

Using Pen Tool



- Click the pen icon in the main toolbar. You can now:
- Write on the canvas.
- Click the pen icon again for more options.
- Click one of the 3 colored dots above the pen to quickly switch colors.

Pen types in Whiteboard for Windows:

- Marker
- Paint Brush
- Highlighter
- Laser Pen
- AI Pen
- Shape Pen
- Magic Line Pen

Pen types in Whiteboard for Android:

- Marker
- Highlighter
- AI Pen (requires sign in)
- Shape Pen
- Magic Line Pen

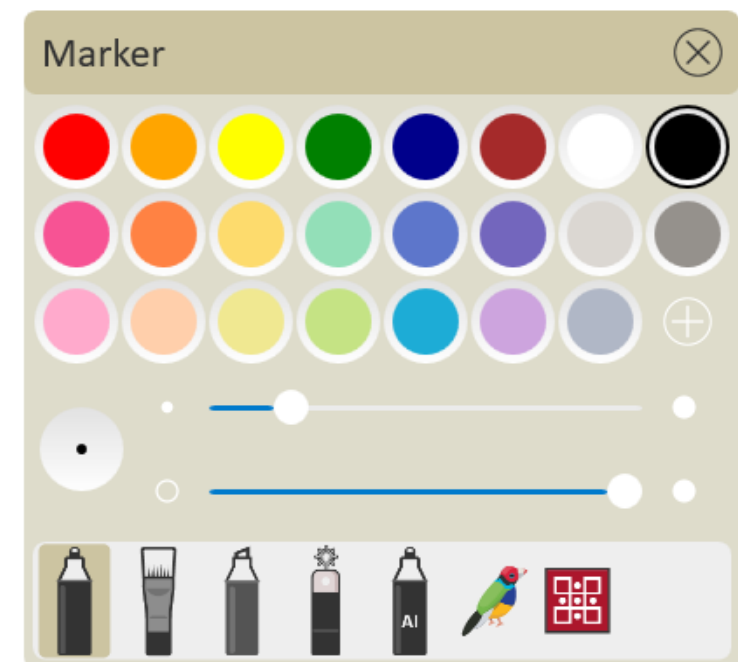
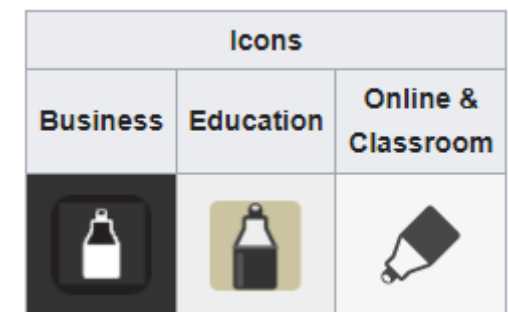
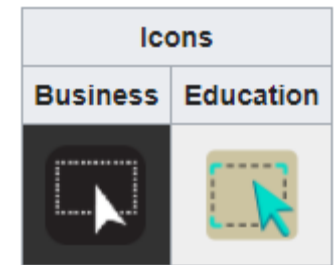
For more detail, please browse the links mentioned below:

<https://wiki.myviewboard.com/Pen>

<https://www.youtube.com/watch?v=9LQD5R0SnNk&t=4s>

<https://www.youtube.com/watch?v=beys21etZug>

<https://www.youtube.com/watch?v=uoUblchSo4Q>






2.1.6.10. Eraser

The Eraser tool erases objects on the canvas. Click the Eraser tool again to access additional eraser options.

Click on the Eraser tool once to activate:

- To erase lines drawn by the pen tool, drag the eraser over the area to erase.
- To erase images and shapes, click the image and shape to erase.
- On a touch enabled device, make a fist and use the bottom side of your fist to erase objects on the board.

Icon	Feature	Description
	Eraser	Revert the eraser to its default mode.
	Erase Selection	Draw around the objects to be erased. The Eraser tool stays in this 'selection' mode until the default Eraser mode is selected again.
	Trashcan	Click to clear the whole canvas. Note that any tool visible on the canvas are also removed.

For more detail, please browse the links mentioned below:

<https://wiki.myviewboard.com/Eraser>

<https://www.youtube.com/watch?v=rqf3l6LYpSY>

<https://www.youtube.com/watch?v=7Tx3NQXTyO4>

2.1.6.11. *Shapes and Lines*

Use the Shape Line tool to insert 2D shapes, 3D shapes, lines and tables with different styles.

On the main toolbar, click the Shape Tool icon:

- Click once to activate and start using the last tool activated
- Click a second time to open the Shape Tool Menu
- Click a 3rd time to close the Shape Tool Menu

The Shape Tool menu provides options to customize the object before insertion.

- Open the Shape Tool menu.
- Select a color. Click the plus icon to choose more colors from the color palette.
- Adjust line thickness and transparency.
- Switch between 2D shapes, 3D shapes, lines and tables.
- Click on a shape. Once a shape is selected, the Shape Tool menu is hidden.
- To draw, click and drag to the preferred size. Measurement units are displayed while drawing.

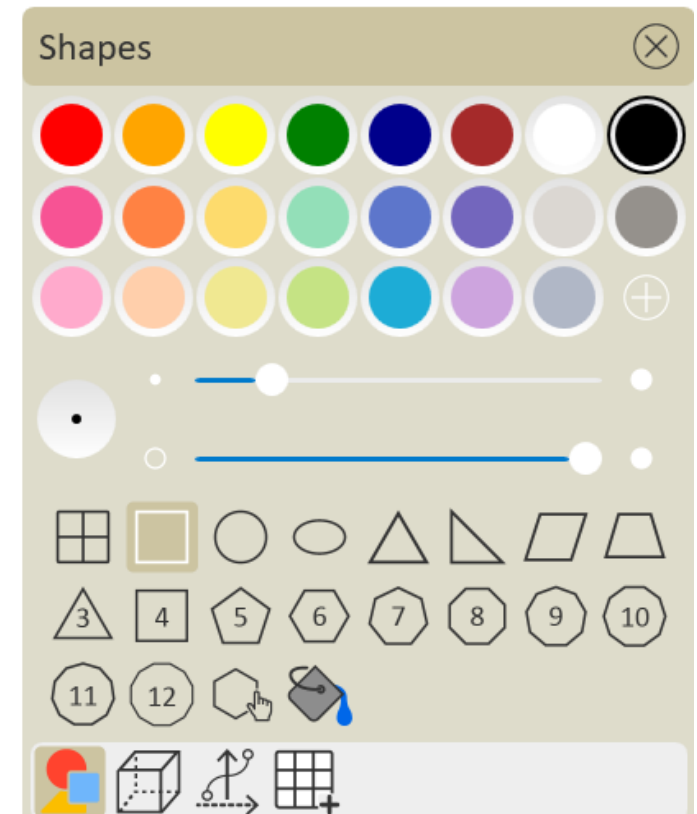
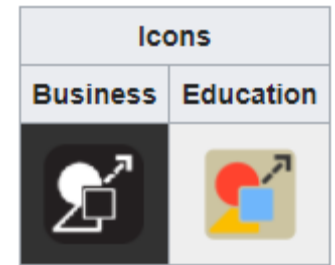
For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/Shape_Line

<https://www.youtube.com/watch?v=GUPsDV-PTF0>

https://www.youtube.com/watch?v=OSGTL_Ezy8I


<https://www.youtube.com/watch?v=hUF614Phh74>



2.1.6.12. Text and Handwriting

Type, edit, and format text on the Whiteboard canvas. This is available for Whiteboard for Windows and Whiteboard for Android, although some features such as handwriting-to-text are only available on the Windows version.



How to use text editor

1. Click the  Text tool icon in the toolbar.
2. Click the canvas and start typing.

The text editor provides the following customization options:

- Font type and size - only fonts available on the current device can be used
 - Text color and background
 - Alignment and indentation
 - Bullet points
 - Subscript and superscript
 - Text-to-speech settings - only voices available on the current device can be used
3. To resize the text editor window, click and drag the edges of the text editor window.
 4. Click to close the text editor.





Icons	
Business	Education
	


To update the formatting at a later time, use the Select tool:

- To update the text contents, click twice on the text to open the text editor window again.
- To resize the text, click the text and drag the sides/corners to enlarge.
- To change the text color or background color of the text, click the text and use the adorning menu.

How to Convert Handwriting to Text


Click the Text Editor icon twice to switch to handwriting mode. This mode enables handwriting recognition and converts handwritten letters and words to typed text.

The  text icon will switch to the  handwriting icon.

1. Use your fingers or a touchscreen pen to write on the Whiteboard canvas.
2. Click on the  icon that appears in the Floating toolbar to convert your handwriting to text. If you click something else (like the Select tool), any handwriting input is discarded.

How to use Text-to-Speech

Whiteboard can read text aloud on the screen if the system has been configured to use text-to-speech (TTS). To set the default voice, go to Settings.

1. Use the Text tool to insert text on the canvas.
2. On the Text tool toolbar, specify the voice to use and how fast the text is to be read.
3. Highlight all or a section of text to read. Make sure your device speakers are set to a suitable volume.
4. Click on the following icon: 
5. Whiteboard reads the text out loud using the chosen voice.

Before using text-to-speech, verify that:

- Text-to-speech is enabled and your preferred voice is already installed
- The system's speakers are working correctly and are set at a safe volume

For more detail, please browse the links mentioned below:

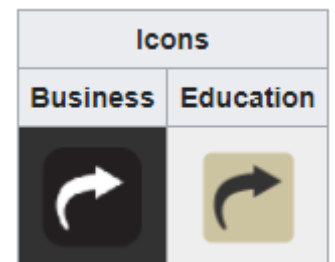
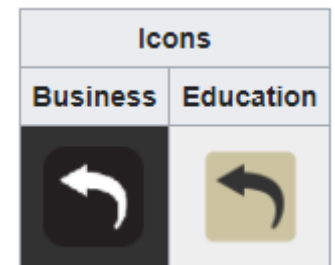
<https://wiki.myviewboard.com/Text/Handwriting>
<https://www.youtube.com/watch?v=QJsrzmSQazI>
<https://www.youtube.com/watch?v=4Cumhb-gqTc>

2.1.6.13. *Undo and Redo*

The Undo tool reverses the last action taken.

For more detail, please browse the links mentioned below:

<https://wiki.myviewboard.com/Undo>
<https://wiki.myviewboard.com/Redo>
<https://www.youtube.com/watch?v=TVm68IXjXbE>
<https://www.youtube.com/watch?v=URhaVZfYL8A>



2.2.0. MyViewBoard vCast

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



Network Information

- ViewBoard® Cast software, laptops, and mobile devices can connect to both the same subnet and across the subnet network.
- 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.

ViewBoard Cast is a wireless peer to peer data communication; therefore, the below port settings are required:

Ports:

- CP: 56789, 25123, 8121, and 8000
- UDP: 48689 and 25123

Port and DNS activation:

- Port: 8001
- DNS: h1.ee-share.com

The image shows the ViewBoard Cast interface. At the top, it says "ViewBoard® Cast" and "Connect & Collaborate". Below this, it says "Room Network: <Ethernet>" and "Device Name: Cast-3035". To the right, it says "Please open the vCastSender app to enter the password" and displays a large PIN code "AELS6S". At the bottom, there are four options for connection: 1. Connect to the Room Network (with a Wi-Fi icon), 2. Download and open vCastSender app (with a laptop icon and URL "http://172.21.4.151:8000"), a QR code for mobile, and an AirPlay icon for supporting iOS devices. A "Close" button is in the top right corner.

ViewBoard®
Cast
Connect & Collaborate

Room Network:
<Ethernet>
Device Name:
Cast-3035

Please open the vCastSender app to enter the password

AELS6S

1 Connect to the Room Network 2 Download and open vCastSender app Close ▾

<Ethernet>

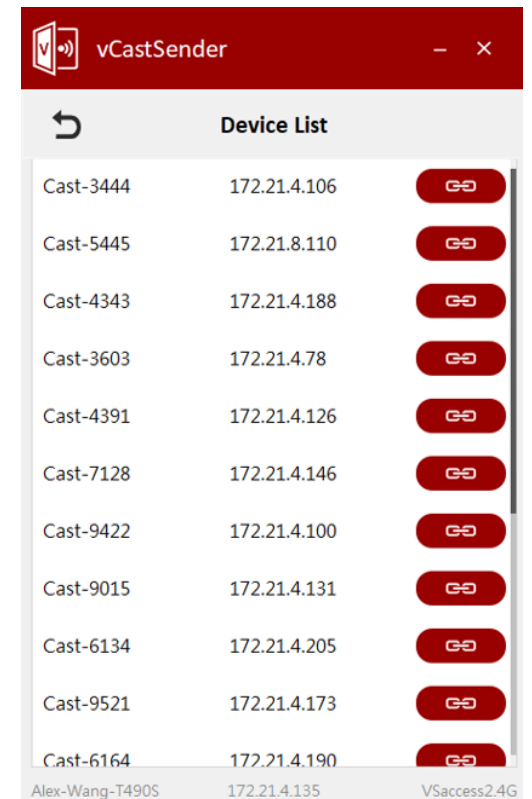
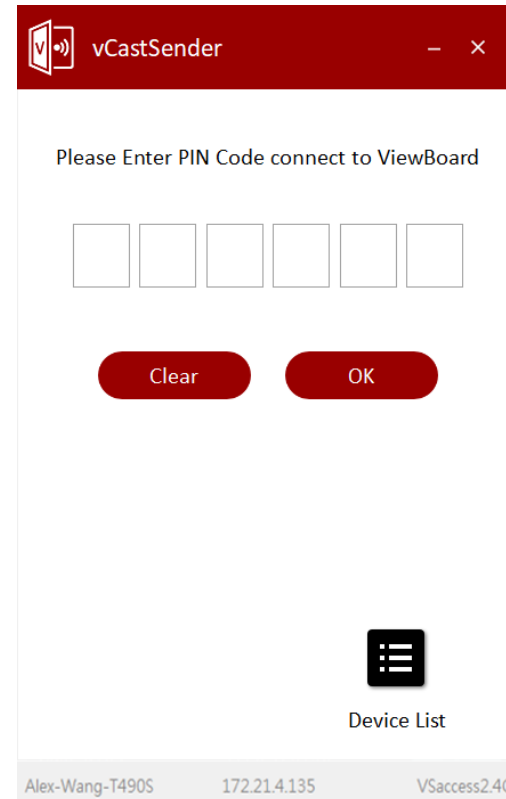
Visit below
http://172.21.4.151:8000
Laptop

Mobile

Support iOS device
AirPlay

Cast Sender from Windows-based, MacBook, and Chrome Devices

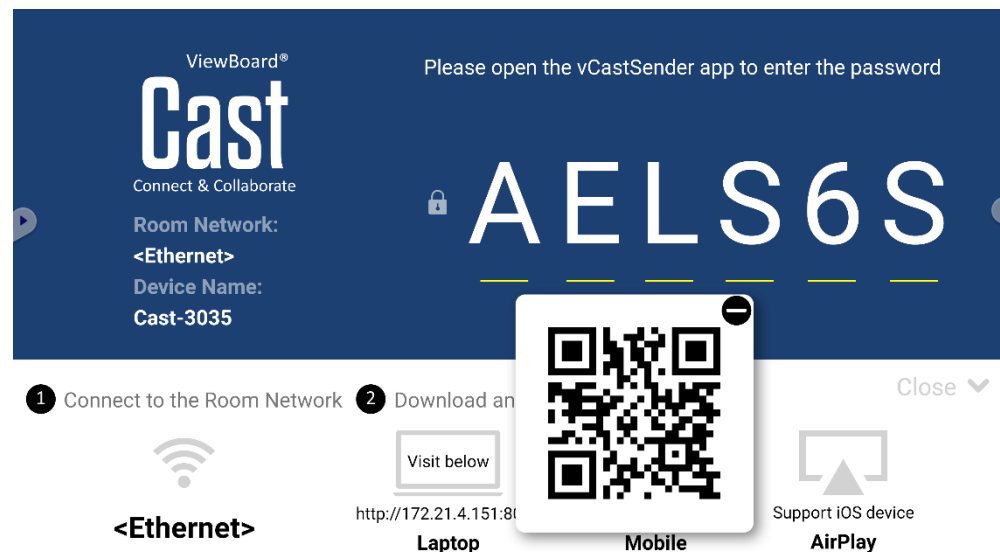
- Make sure your device is connected to the same network as the ViewBoard.
- Visit the address that is shown on the ViewBoard to download the application.
- Launch the application and enter the PIN Code or click Device List, then click the connect icon next to the Device Name.



Cast Sender from Mobile Devices: iOS-based (iPhone, iPad) and Android OS based phone/tablet

Android/iOS:

- Make sure your device is connected to the same network as the ViewBoard.
- Scan the QR Code that is shown on the ViewBoard to download directly from the server, or download from the Google Play Store or the Apple Store.
- Launch the application and select the correct Device Name and input the pin to connect. You can also directly input the pin-code displayed on the ViewBoard to connect.



Apple Airplay®:

- Make sure your device is connected to the same network as the ViewBoard.
- Directly open AirPlay and select the Device Name to connect.
- Another "AirPlay Password" will be generated on-screen for connection.

For more detail, please browse the links mentioned below:

<https://www.youtube.com/watch?v=qgHSUfrA2WY>



2.3.0. *MyViewBoard Display*

myViewBoard Display for Windows and android turns any device into a wireless display that can be shared to with just a code and password. For example, an Interactive Flat Panel (IFP) can become a display that any other device with a suitable web browser can use to display their screen. The host screen runs Display for Windows, while any PC, Mac, or tablet with an internet connection can use a suitable browser to share their screen, without wires or downloading any software.



System requirements

For installing Display

Minimum requirements

- OS: Windows 10
- Processor: Intel Core i3 or AMD equivalent
- Architecture: x64
- RAM: 4GB
- Network: 10 Mbps; a wired connection is preferred
- Must have open access to the public internet

Recommended requirements

- OS: Windows 10
- Processor: Intel Core i5 or AMD equivalent
- Architecture: x64
- RAM: 8GB
- Network: 25 Mbps; a wired connection is preferred
- Must have open access to the public internet

For sharing to Display

- OS: Windows 10, MacOS.
- Browser: latest version of Google Chrome, Chromium or Microsoft Edge. Safari is not supported.
- Network: stable 25 Mbps, wired ethernet connection recommended where possible.

Network ports

- TCP Port 443 (HTTPS) outbound.
- UDP and TCP port 3478 bidirectional to the WebRTC servers.
- UDP Ports 50,000 – 65,535 (RTP/sRTP/RTCP) bidirectional to the WebRTC servers.

These ports are optional. If blocked, media will be proxied using TURN on port 3478.

Share screen to a device with Display

- First make sure myViewBoard Display is open on the device you want to share your screen to (see above).
- On the device you want to share the screen from, go to myviewboard.com/display.
- Enter the Display Code and One Time Password for the device you wish to share to. Note that the password refreshes every 30 seconds.

For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/MyViewBoard_Display_for_Windows

<https://www.youtube.com/watch?v=Dctw0WE6Zg>

2.4.0. *myViewBoard Live*

myViewBoard Live is a free Android app for livestreaming to:



Facebook



YouTube



Twitch



Workplace



myViewBoard Live is also available in Whiteboard for Android to livestream your presentation sessions. For recording Android devices without livestreaming, we offer



myViewBoard Record.

Livestream from your device

You will need a stream URL and a stream key to begin livestreaming. The stream URL is automatically shown after selecting the streaming service in myViewBoard Live. You will need to get the stream key from the streaming service you choose - YouTube, Twitch, Facebook, Workplace. After getting the stream key and URL, set up the streaming service to receive session information from myViewBoard Live. For instructions on how to do this, refer to your streaming services help documentation since this procedure varies between providers.

Once the setup is complete, perform the following:

On the myViewBoard Live app:

- Launch myViewBoard Live.
- Input the required information.
- (Optional) Select the "Record the stream" checkbox to record a copy of the stream to your device.
- Tap to start the stream.

On the dashboard of your selected streaming service:

- Head back to the dashboard page of your selected service to verify that it is able to successfully receive the stream.
- Present your lesson as usual.
- To stop the stream, locate and click the 'End Stream' button on the dashboard of your selected service.

Viewing the stream after the session

- Livestreams are usually automatically saved for future viewing.
- In myViewBoard Live, selecting the 'Record the stream' checkbox before streaming saves a recording of the stream to the local device. This can then be uploaded to a cloud drive account and be distributed to your students.

For more detail, please browse the links mentioned below:

https://wiki.myviewboard.com/MyViewBoard_Live


2.5.0. *myViewBoard Record*

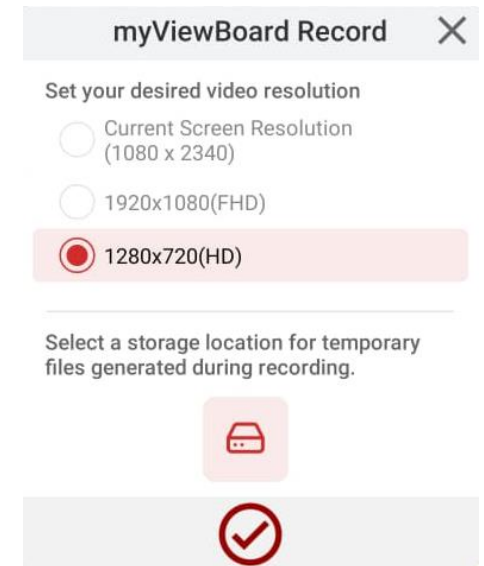
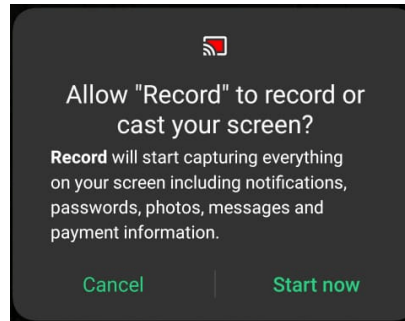
myViewBoard Record is a free screenrecording app for Android devices. It can be used independently or in conjunction with Whiteboard for Android to record and store the sessions for future use.

Simply choose the desired video resolution and click/tap the tick icon to begin recording. Once started, the software will record all activity on screen with ability to save via USB or native drive after ending the recording. Videos are saved as MP4 files. Presenters can utilize this tool to have a copy of their presentations for the audiences, or save for later review. It is a simple and easy-to-use application that helps to have a better experience of teaching and public speaking.

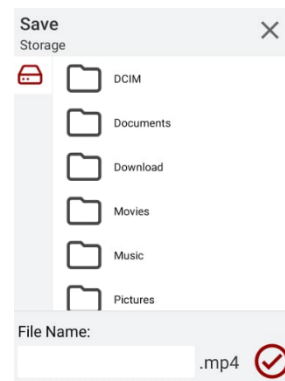


Record screen

1. Open myViewBoard Record by tapping the  icon from the home screen.
2. Grant permissions for audio recording, file access, and display over other apps if opening for the first time.
3. Click the tick mark to begin recording.
4. If prompted, click Start now to begin recording.



5. After the 3 second countdown, everything on the screen will be recording. A floating toolbar with a pause and stop button can be dragged around the screen.
6. Press stops to finish recording, and preview the video.
7. Press the save icon (bottom right) and choose a folder to save to (tap twice to open folders). Enter a file name and click the tick mark to confirm.



8. View your file using a file explorer or gallery app.

For more detail, please browse the links mentioned below:

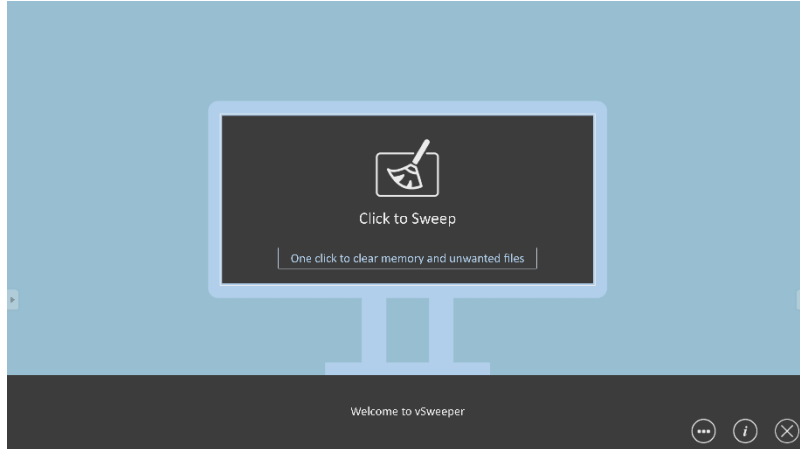
https://wiki.myviewboard.com/MyViewBoard_Record

<https://www.youtube.com/watch?v=oBm8NekdEFA>

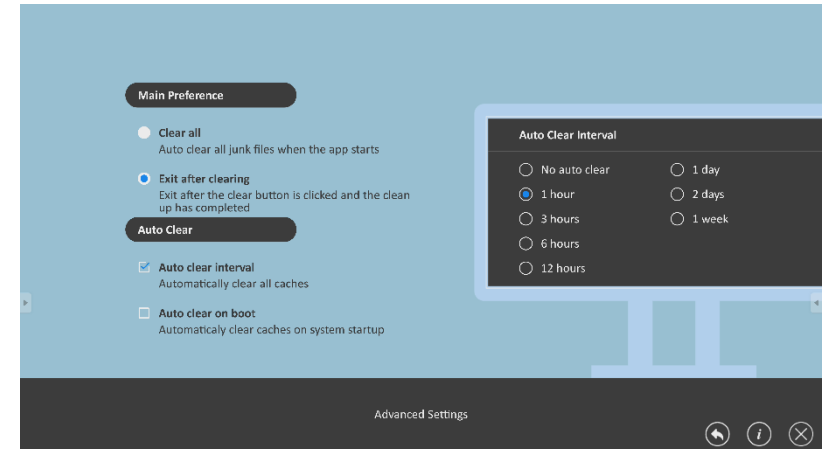
2.6.0. Other Default Applications

vSweeper

Clear unnecessary data and unwanted files.



Advanced Settings can also be customized to the user's needs.



Screen Lock

Set a screen lock password and enable screen lock.

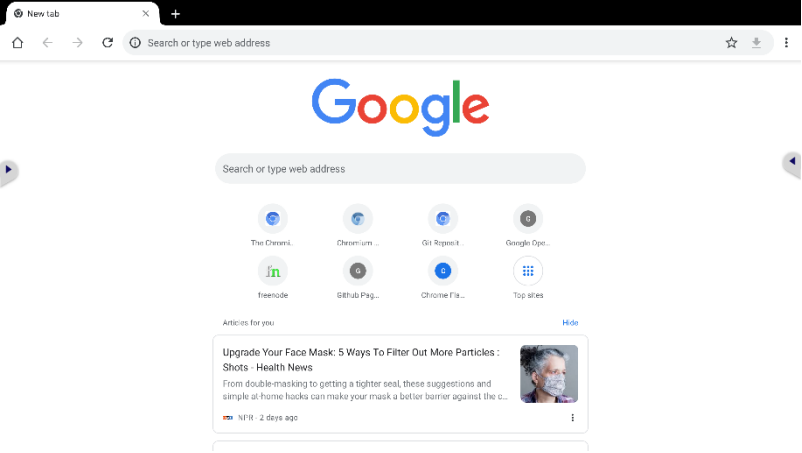
NOTE: If the user forgets the password, use the remote control and press INPUT-0-2-1-4 to restore the password to default.

To set a screen lock password:

- Go to: Settings > Protection > Password for screen lock, or select the Screen Lock icon in the apps list.
- Select Set Password, and input a new four (4) digit password. Then select OK.
- Now when selecting the Screen Lock icon, the screen will be locked.

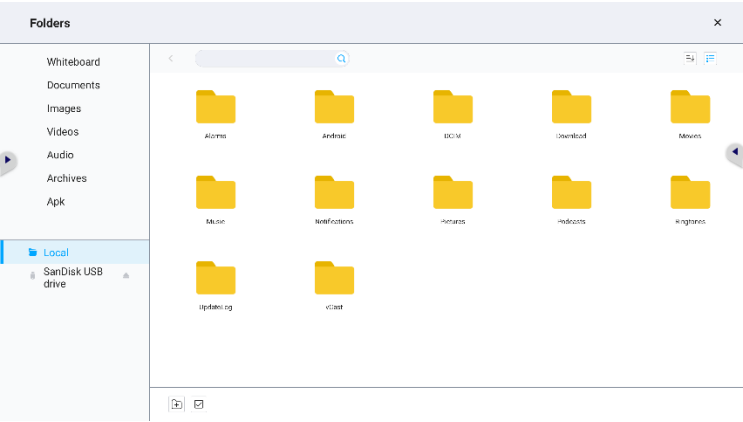
Chromium

Web browser for surfing the internet.



Folders

Folders Overview



Folder Icons

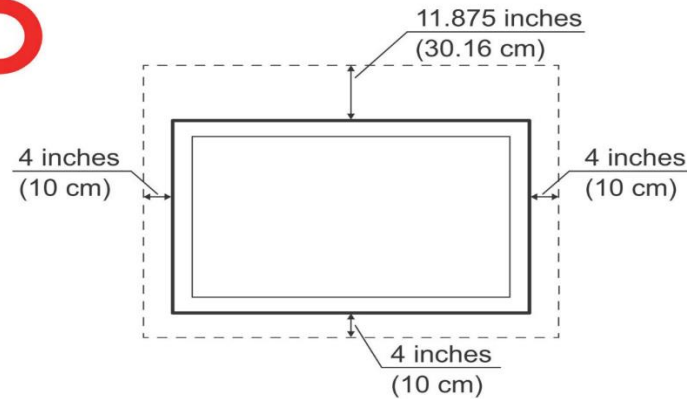
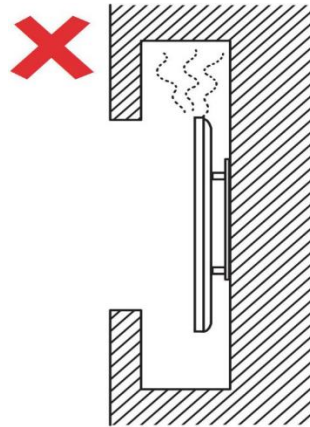
Item	Description
Exit	Click to exit.
Thumbnail	Click to display file by thumbnail mode.
List	Click to display file by list mode.
Select	Click to select file.
Add Folder	Click to add folder.
Copy	Click to copy file.
Paste	Click to paste file.
Cut	Click to cut file.
Delete	Click to delete file.
Rename	Click to rename file.
Cancel	Click to cancel.

2.7.0. *Using the ViewBoard Safely*

Please read the following Safety Precautions before you start using the device.

- Keep this user guide in a safe place for later reference.
- Read all warnings and follow all instructions.
- Do not use the device near water. To reduce the risk of fire or electric shock, do not expose the device to moisture.
- Never remove the rear cover. This display contains high-voltage parts. You may be seriously injured if you touch them.
- Avoid exposing the device to direct sunlight or other sources of sustained heat.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that may increase the temperature of the device to dangerous levels.
- Use a soft, dry cloth to clean the external housing.
- When moving the device, be careful not to drop or bump the device on anything.
- Do not place the device on an uneven or unstable surface. The device may fall over resulting in an injury or a malfunction.
- Do not place any heavy objects on the device or connection cables.
- If smoke, an abnormal noise, or a strange odor is present, immediately turn the device off and call your dealer or ViewSonic®. It is dangerous to continue using the device.
- The device is a monitor with an LED backlight intended for general office use.
- Do not attempt to circumvent the safety provisions of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade and the third prong are provided for your safety. If the plug does not fit into your outlet, obtain an adapter and do not attempt to force the plug into the outlet.
- When connecting to a power outlet, DO NOT remove the grounding prong. Please ensure grounding prongs are NEVER REMOVED.
- Protect the power cord from being treaded upon or pinched, particularly at the plug, and at the point where it emerges from the equipment. Ensure that the power outlet is located near the equipment so that it is easily accessible.
- Only use attachments/accessories specified by the manufacturer.
- Cart Safety.png
- When a cart is used, use with caution when moving the cart/equipment combination to avoid injury from tipping over.
- Disconnect the power plug from the AC outlet if the device is not being used for a long period of time.
- Place the device in a well-ventilated area. Do not place anything on the device that prevents heat dissipation.





- Refer all servicing to qualified service personnel. Service will be required when the unit has been damaged in any way, such as:
 - if the power supply cord or plug is damaged
 - if liquid is spilled onto or objects fall in the unit
 - if the unit is exposed to moisture
 - if the unit does not operate normally or has been dropped

CAUTION

Immediately unplug your device from the wall outlet and refer servicing to a qualified service personnel under the following conditions:

- When the power supply cord or plug is damaged.
- If liquid has been spilled onto or objects have fallen into the unit.
- If the unit has been exposed to moisture.
- If the unit does not operate normally or has been dropped.

Never place the device in an unstable location. The device may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the device.
- Only using furniture that can safely support the device.
- Ensuring the device is not overhanging the edge of the supporting furniture.
- Not placing the device on tall furniture (e.g., cupboards or bookcases) without anchoring both the furniture and the device to a suitable support.
- Not placing the device on cloth or other materials that may be located between the device and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the device or its controls.

If the existing device is going to be retained and relocated, the same considerations as above should be applied.

Maintaining the ViewBoard

General Precautions

- Make sure the device is turned off and the power cable is unplugged from the power outlet.
- Never spray or pour any liquid directly onto the screen or case.
- Handle the device with care, as a darker-colored device, if scuffed, may show marks more clearly than a lighter-colored device.
- Do not use the system continuously for long periods of time.

Cleaning the Screen

- Wipe the screen with a clean, soft, lint-free cloth. This removes dust and other particles.
- If the screen is still not clean, apply a small amount of non-ammonia, non-alcohol-based glass cleaner onto a clean, soft, lint-free cloth; then wipe the screen.

Cleaning the Case

- Use a soft, dry cloth.
- If the case is still not clean, apply a small amount of non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

Disclaimer

- ViewSonic® does not recommend the use of any ammonia or alcohol-based cleaners on the display screen or case. Some chemical cleaners have been reported to damage the screen and/or case of the device.
- ViewSonic® will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

The End