

SMART Board® GX (V4) Plus series interactive displays

User guide

IDGX65-4 | IDGX75-4 | IDGX86-4





Important information

Before installing or using a SMART Board® GX (V4) Plus series interactive display, review the important information included with the display. If you cannot find this information, it is available online.

See > docs.smarttech.com/kb/171931

Learn more

This guide and other resources for SMART Board GX (V4) Plus series interactive displays are available in the Support section of the SMART website (<u>smarttech.com/support</u>). Scan this QR code to view these resources on your mobile device.



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October 27, 2025

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Chapter 1 Welcome

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The SMART Board GX (V4) Plus series interactive display is the hub of your classroom or meeting room.

About this guide

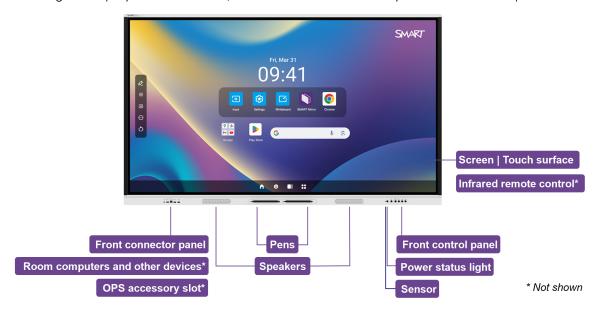
This guide explains how to use a SMART Board GX (V4) Plus series interactive display.

This guide is intended for individuals who use displays in their organizations. Other documentation and resources are available for those who install and maintain displays.

See > More information on page 7

About the display

Before using the display for the first time, take this tour to familiarize yourself with its components:



Component	Description	In this guide
Screen Touch surface	The display comes in the following screen sizes: • 65" • 75" • 86" Caution Prolonged focus on a fixed object, such as a display screen, can contribute to eye strain and headaches. To protect eye health, follow the 20-20-20 rule: after 20 minutes of screen time, spend 20 seconds looking at something 20 feet (6 meters) away. Relaxing the eyes, looking around frequently, and blinking will also prevent eye strain and fatigue. You can do everything on the display that you can do at your computer—open and close applications, meet with others, create new documents or edit existing ones, visit websites, play and manipulate videos, and so on—by touching the display's touch surface. You can also use a variety of gestures within applications, including panning, scaling, rotating, and zooming in and out. The display's Advanced infrared technology supports up to 50 touch points (depending on the connected device's operating system).	
Pens	The display comes with two pens, which you can use to write or draw on the screen. Use your fist or palm to erase digital ink on the screen. With Object Awareness™, the display responds automatically to the tool or object you're using, whether it's a pen, finger, or palm. The display's simultaneous tool differentiation technologies allow two people to write independently and simultaneously.	See > Page 17
Sensor	The display includes an infrared sensor that works with the infrared remote control and an ambient light sensor that can detect the brightness of the room and adjust the screen's brightness accordingly.	

Component	Description	In this guide
Power status light	The power status light indicates the display's status:	
	 When the power status light is amber, the display is in Standby mode. When the power status light is green, the display is in normal operating mode. 	
Infrared remote control	You can use the remote control to turn the display on and off, adjust display settings, and so on.	See > Page 13
Front control panel	The front control panel provides buttons for turning the display on and off, controlling the volume, freezing the screen, and displaying the Home screen.	See > Page 12
Front connector panel	The front connector panel includes connectors for USB peripherals and a computer or other input.	See > Page 64
Room computers and other devices	Room computers, peripherals, and other devices might be connected to the display's side and bottom connector panels. You can switch to these devices' inputs to view and interact with them. The display comes with SMART software that your organization can install on connected computers to take full advantage of the display's features while using the connected computers.	See > Page 64
OPS appliances	The display also includes an OPS accessory slot. If a SMART OPS appliance is installed in this slot, you can switch to its input and view and interact with it as well.	
Speakers	The display includes two integrated speakers, designed to provide sound at the front of a room. As an alternative to using these integrated speakers, your organization might have connected an external audio system to the display. Whether you use the integrated speakers or an external audio system, you can adjust the volume using the front control panel or the remote control.	See > Page 18

More information

In addition to this guide, SMART provides other documents for the display in the Support section of the SMART website (smarttech.com/support).

Scan the QR code on page 2 to view links to SMART Board GX (V4) Plus series interactive display documents and other support resources.

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This chapter explains how to wake the display when it's asleep, how to view connected computers' input, and how to interact with the display.

Turning on and turning off the display

In most situations, the display enters Standby mode when not in use.

In some situations, such as when you transport the display or clean its screen, you need to turn the display off. You can turn it back on after.

You can also restart the display.

Waking up the display and putting it back in Standby mode mode

If the display is in Standby mode, you can wake it by pressing the **Power** button U on the front control panel or remote control.

To return the display to Standby mode, press and hold the **Power** button \cup on the front control panel or remote control for three seconds to begin a 5 second countdown before the display enters Standby mode.

Note

When the display is connected to an external input that has had no active signal for 5 minutes, it begins a 5 second countdown before it enters Standby mode.

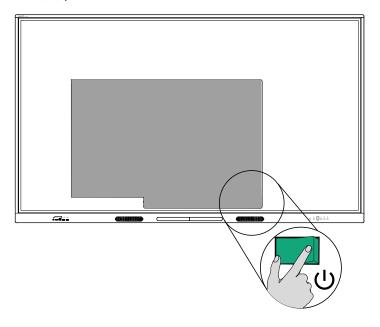
See also > Turning the display off and turning it back on below.

Turning the display off and turning it back on

To turn the display off

1. Press and hold the Power button U on the front control panel or remote control for three seconds to begin a 5 second countdown before the display turns off and the status light stops blinking.

2. Flick the power switch (beside the AC power inlet) on the bottom of the display's rear surface to the OFF (O) position.



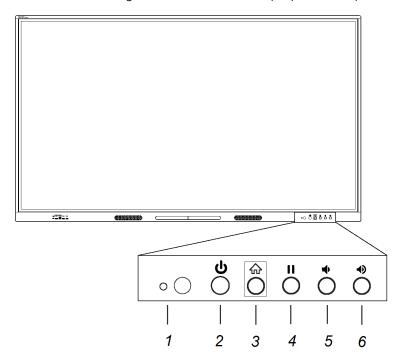
To turn the display on

Flick the power switch (beside the AC power inlet) on the bottom of the display's rear surface to the ON (I) position.

Using the front control panel

The front control panel contains buttons for turning the display on and off, controlling the volume, freezing and unfreezing the screen, and going to the Home screen.

The front control panel also includes a light that indicates the display's current power state.



No.	Name	Procedure	For more information
1	Remote control receiver and ambient light sensor	N/A	N/A
2	Power, and status light	 Enter or exit Ready mode. See > Turning the display off and turning it back on on page 10 Press and hold for three seconds to begin a 5 second countdown before the display enters Standby mode. 	See > Page 10
3	Home	Return to the Home screen.	N/A
4	Freeze	Press to freeze and unfreeze the screen.	See > Page 19
5	Volume decrease	Press to turn down the volume.	See > Page 18
6	Volume increase	Press to turn up the volume.	See > Page 18

The Power button's color indicates the display's status:

Power button	Display status
Off	Not receiving power
Amber (solid)	Standby mode
Green	Ready mode
Green	Normal operating mode
Amber/green (blinking, slow)	Background process running (for example, a firmware update is in progress)

Using the remote control

The display comes with an infrared remote control.

Use the infrared remote control to turn the display on or off, switch inputs, control the volume, access the display's apps, and more. You can also use the remote control to open the on-screen menus and change the display's settings.

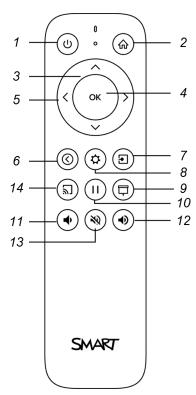
! Important

- Do not subject the remote control to strong shock.
- Keep the remote control away from liquids. If it gets wet, wipe it dry immediately.
- Do not expose the remote control to heat or steam.
- Do not open any part of the remote control other than the battery compartment.

Notes

- The remote control is paired with the display out of the box. You don't need to pair it manually.
- When using the remote control, point it directly at the display's infrared sensor.

This image and table describe the remote control's functions.



No.	Name	Procedure
1	Power	Press to wake the display or put it back in ready mode. Press and hold for five seconds to turn off or restart the display.
		See > Turning on and turning off the display on page 10
2	Home	Press to open the Home screen.
3	Up and down buttons	Press to navigate to menu options in the settings.
4	OK	Press to select a menu option in the settings.
5	Left and right buttons	Press to change the value of the selected setting.
6	Back	Press to go one step back in the navigation history.
7	Input	Press to switch inputs.
8	Settings	Press to hide the display settings menu while viewing the Home screen. Press to show or hide the Input settings dialog when viewing a connected input.

No.	Name	Procedure
9	Screen shade	Press to hide screen contents behind a screen shade.
		See > Showing and hiding the screen shade on page 19
10	Freeze frame	Press to freeze and unfreeze the screen.
		See > Freezing the screen on page 19
11	Volume up	Press to increase the volume.
		See > Adjusting the volume on page 18
12	Volume down	Press to decrease the volume.
		See > Adjusting the volume on page 18
13	Volume mute	Press to mute the volume.
		See > Adjusting the volume on page 18
14	Share screen	Press to open the SMART Mirror app.
		See > SMART Mirror

Using touch

You can do everything on the SMART product that you can do at your computer—open and close applications, meet with others, create or edit documents, visit websites, play and manipulate videos, and so on—by touching the SMART product's surface.

You can use a variety of gestures within applications, including panning, scaling, rotating, and zooming.

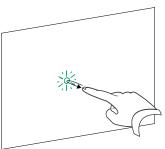
The display's support for up to 50 simultaneous interaction points enables you and other users to interact with objects on the screen at the same time.

Note

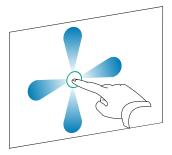
Not all gestures work in all applications. Refer to an application's documentation to learn which gestures it supports.

Chapter 2 Using basic features

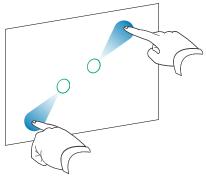
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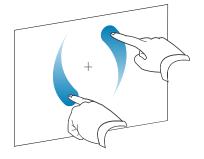
Pan (one finger)/move object



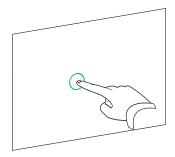
Pinch to zoom in/scale (enlarge)



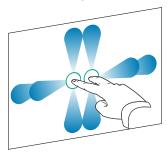
Rotate



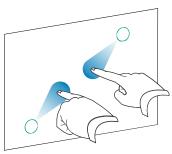
Press and hold



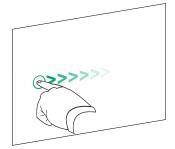
Pan (two fingers)/scroll



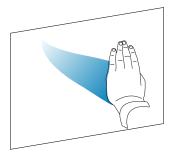
Pinch to zoom out/scale (reduce)



Flick



Erase with palm



Erase with fist



Writing, drawing, and erasing

The display includes two pens, which you can use to write or draw in digital ink. You can erase digital ink using gestures or the eraser tool in the apps.

Note

Hold the pens at a right angle to the display as you write or draw. If you hold a pen more than 45° from perpendicular to the display, the display might interpret the pen as a finger.

Writing and drawing in digital ink

- 1. Pick up one of the display's pens.
- 2. Use the pen to write or draw in digital ink.

Using the SMART Ink® dynamic (floating) toolbar



To learn more about SMART Ink and its toolbar, visit the <u>SMART Product Drivers and Ink support page</u>. Here are a few quick links to get you started:

- Turning SMART Ink on or off
- Opening the dynamic (floating) toolbar
- Closing (hiding) the toolbar
- Using presentation tools

Changing a pen's default color, thickness, and other properties

While you're viewing a connected computer's input, you can use the SMART Ink dynamic (floating) toolbar to change a pen's color, thickness, and other properties.

Erasing digital ink

You can erase digital ink from the screen using your palm or fist.

To erase digital ink

Move your fist or palm over the digital ink you want to erase.



Adjusting the volume

Use the buttons on the front control panel or the remote control to increase, decrease, or mute the display's volume.

To turn the volume up or down

Press the **Volume Up** button or **Volume Down** button on the front control panel or the remote control.

To mute the volume

Press and hold the **Volume Down** button \P on the convenience panel or the remote control.

Freezing or hiding the screen

You can temporarily freeze or hide the screen contents using the display's freeze and screen shade features.

Freezing the screen

You can temporarily freeze the screen by pressing the **Freeze** button I on the front control panel or remote control. This is particularly useful when you want to pause a video, an animation, or other moving images.

Notes

- Freezing the screen does not pause applications that are running on the connected computer. It simply freezes the image and mutes audio coming through the display.
- If you freeze the screen while viewing a connected computer's input and then disconnect the computer from the display, the computer's frozen input remains on the screen.

To unfreeze the screen, press the **Freeze** button | again.

Showing and hiding the screen shade

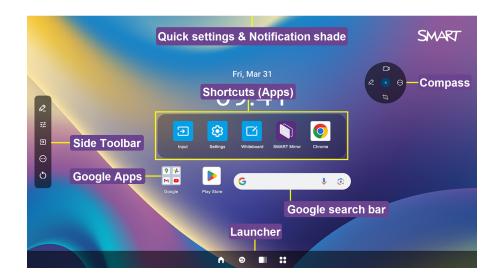
You can temporarily hide the contents of the screen behind a virtual screen shade by pressing the **Screen Shade** button \Box on the remote control.

To remove the screen shade and reveal the screen contents, press the **Screen Shade** button \square again.

Navigating the display's home screen

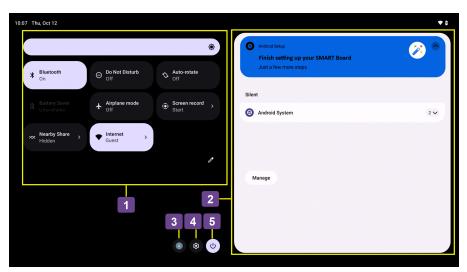
This image shows the Home screen and its features. Return to the Home screen anytime by tapping the Home button in the toolbar.

The display's Home screen features a number of on-screen menus and controls.



Quick Settings and app notifications

Swipe down from the top of the screen to view the Quick Settings & Notification shade. From here you can view system notifications or access some quick functions.



No.	Description	Notes
1	Access settings you change often.	Turning settings on or off
		Add, remove, or move a setting

No.	Description	Notes
2	View notifications and messages from outside an app's interface to provide information about reminders, alerts, or other information about an app.	 Clear notifications Turn notifications on or off for an individual app
3	Change a user or add a new user	You can create multiple user profiles so you can share use of the display with other people. Each user profile has a personal space on the display for custom Home screens, accounts, apps, settings, and more. If you are already signed in to your user account, you can change your user settings. To select a user 1. Tap ②. 2. Select a user. To add additional users Tip If the options to enable another user don't appear, go to Settings > System > Multiple users and enable Allow multiple users. 1. Tap ②. 2. Tap Add user or Guest. 3. Follow the on-screen instructions to create an additional user. Tip Users can configure their own lock screen passwords for securing the display's screen. See > Using Screen Lock on page 58
4	Settings	Access the display's settings, where you can configure network and internet connections, installed apps (including notifications), sound and display settings, change the wallpaper, and more.
5	Power	Turn off or restart the display.

Launcher

From the Launcher, you can return to the Home screen, return to a previous screen, access preview tiles of running apps, and access the All apps menu.



No.	Command	Function	Notes
1	Home	Open the Home screen.	N/A
2	Back	Return to the previous screen in the display's Android system.	N/A
3	Recents	Shows a preview tile of each running app.	See > Find, open, and close apps on page 27
4	All Apps	In the All Apps menu, you can access a suite of apps installed on the display (including the display's settings).	N/A

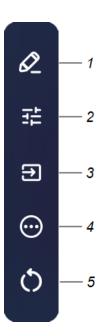
Side Toolbar

From the side Toolbar, you can access a number of commonly used display controls, the Inputs menu, and the Widgets menu featuring the display's widgets.

To open the **Toolbar**, tap either of the side Toolbar buttons **D** on either side of the screen.

Tip

Tap the screen if the side Toolbar buttons aren't displayed.



No.	Command	Description	Notes
1	Annotate	Write on an overlay on top of any app, video, website, document, or image, including input from a connected computer.	N/A
2	Device manager menu	Access Display, Input and System settings.	See the SMART Board GX (V4) Plus series interactive displays installation and maintenance guide (docs.smarttech.com/kb/172033).
3	Input	Open the Inputs menu to select and view a connected input source.	N/A
4	More (widgets menu)	In the Widgets menu, you can access the calculator, timer, stopwatch, and other widgets.	See > Chapter 5 Using the display's widgets on page 48
5	Clean Up	Starting Clean Up feature will log you out of all browser sessions, close applications, and clear app data for the next user	N/A

Compass

You can pin up to four of your favorite widgets to the Compass menu to make them easier to find from the Home screen.

To open the **Compass menu** menu, tap the **Open** icon and on the display's screen.

To pin a widget to the Compass menu

1. Open the Compass menu

2. Tap the **More** icon .

The Widgets menu appears.

- 3. Tap **Edit** or tap and hold on any widget icon until the + and symbols appear next to the widget icons
- 4. Tap + or press and drag a widget to pin it to the Compass menu.

You can pin a maximum of four widget to the Compass menu.

To remove a widget from the Compass toolbar

- 1. Open the Compass menu.
- 2. Tap the **More** icon .

The Widgets menu appears.

- 3. Tap **Edit** or press and hold any tool icon until the + and symbols appear next to the widget icons.
- 4. Tap or drag a tool back to the Compass menu.

You can also tap **Reset** to display the default list of widgets in the Compass menu.

Personalize

You can change the Home screen's background to personalize the display. You can also add widgets for installed apps to the Home screen and access Home screen settings.

To change the Home screen's background

1. From the Home screen, press and hold anywhere on the background.

The Home screen customization options appear.

- 2. Tap **Wallpaper & style**.
- 3. Select a new wallpaper. You can also enable Dark theme and Themed icons.

To add widgets to the Home screen

- 1. From the Home screen, press and hold on the screen.
- 2. Tap Widgets.

A list of apps appears, such as Calendar, Chrome $^{\mathsf{TM}}$, Clock, and more.

- 3. Browse the apps (scroll up or down) and tap a category to expand the list of widget options.
- 4. Press and hold a widget, and then drag the widget to a new position on the Home screen.

Tip

To remove a widget from the Home screen, press and hold the widget, and then drag it to the *Remove* area of the screen.

To access the Home screen settings

- 1. From the Home screen, press and hold on the screen.
- 2. Tap Home settings.
- 3. Select a Home screen setting to configure.

Shortcuts (apps)

See > Downloading and managing apps below

Google apps and shortcuts

See > Downloading and managing apps below

Google search

The display includes a Google Chrome web browser you can use as you would on your computer or mobile device. Refer to the Help in the browser.

Downloading and managing apps

Sign in to your Google account

To download apps from the Google Play $^{\text{TM}}$ Store, you'll need to sign in to your Google account. If you don't have a Google account, create one following the instructions provided by Google.

To sign in to your Google account

a. Open the display's settings by tapping the Settings icon ® on the Home screen. You can also press the **Settings** button **®** on the remote control.

Tip

If the Settings icon doesn't appear on the Home screen, tap the **All Apps** icon \coprod in the Launcher menu at the bottom of the screen and look for the Settings app.

b. Tap **Google** > **Sign in** and enter your account credentials

Tip

After signing into your Google account, use the screen lock feature to secure the display's screen and protect your data and personal information.

See > *Using Screen Lock* on page 58

Download apps

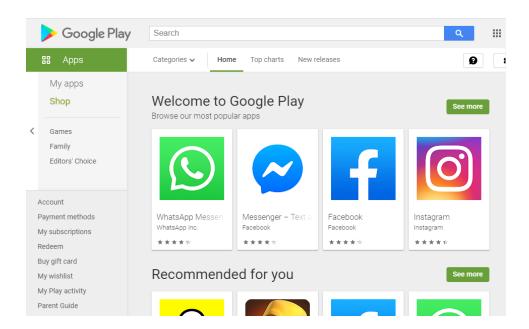
Go to the Google Play store to download commonly used apps. Begin by tapping the Google Play store icon on the desktop (enter your Google account credentials if prompted):



If the Google Play store icon doesn't appear on the desktop, tap the Google apps folder and browse to the Google Play store icon.



In the Google Play Store, you can search for, download, and install the apps you want.



After apps are downloaded and installed, they appear in All apps.

See > Launcher on page 22

If you don't see an app, swipe up or down to view more apps.

Find, open, and close apps

You'll find some apps on the display's Home screen. All the apps installed on the display appear in All apps.

See > Launcher on page 22

To find and open apps

- 1. Tap the **All Apps** icon in the Launcher menu at the bottom of the screen to view apps installed on the display.
- 2. Tap the app you want to open.

To switch between recently used apps

1. Tap the **Recents** icon in the Launcher menu at the bottom of the screen to view tiles of the apps currently running on the display.

See > Launcher on page 22

2. Tap a tile to open the selected item, or tap **Back** in the Toolbar menu to return to the current screen.

Tip

Swipe left or right to view all running apps.

To close an app

- 1. Tap the **Recents** icon in the Launcher menu at the bottom of the screen to view tiles of the apps currently running on the display.
- 2. Swipe side to side to find the apps you want to close.
- 3. Press and hold an app, then swipe up to close it.

To close all open apps

- 1. Tap the **Recents** icon in the Launcher menu at the bottom of the screen to view tiles of the apps currently running on the display.
- 2. Swipe right until you see the start of the list, then tap Clear all.

Managing apps

Access installed apps to configure their options, view the app's information, view in split screen mode, and more. You can also use the Google Play Store to download and install new apps on the display.

To configure app settings

You can administer how apps are used on the display, including assigning default apps, disabling apps, and setting limits on app usage.

Go to Display setting > Apps.

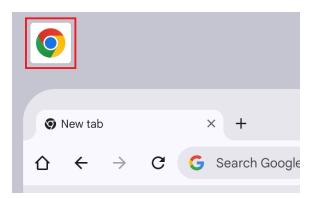
To use split screen

Use split screen to compare, contrast, and analyze. You can use split screen to simultaneously view open apps, such as Whiteboard, Chrome, and more.

Method 1

- 1. Open the apps you want to include in the split screen view.
- 2. Tap the **Recents** icon in the Launcher menu at the bottom of the screen to view tiles of the apps currently running on the display.

3. Press and hold the icon for the first app you want to include in the split screen view.



- 4. Tap **Split screen**.
- 5. Tap the second window you want to view.
- 6. Drag the divider left or right to adjust the size of each view.
- 7. To close split screen, drag the divider all the way to left or right side of the screen.

Method 2

- 1. Tap the **All Apps** icon in the Launcher menu at the bottom of the screen to view apps installed on the display.
- 2. Press and hold the icon of the first app you want to include in the split screen view.
- 3. Tap Split screen.

The Recents menu appears.

- 4. Tap the second window you want to view.
- 5. Drag the divider left or right to adjust the size of each view.
- 6. To close split screen, drag the divider all the way to left or right side of the screen.

See also > To use Desktop windowing mode below

To use Desktop windowing mode

Use Desktop windowing mode to enable you to run multiple apps simultaneously and resize app windows.

- 1. Open the first app you want view in desktop window mode.
- 2. Swipe from the right edge the of the app window towards the center of the screen.

A side bar menu appears featuring controls for using an app in desktop window mode.



No.	Tools and controls
1	Screen capture tool. Capture content on the screen and save it to the display.
2	Enable desktop windowing mode to independently move an app's desktop window and positioned it anywhere on the screen. Additional tools and control are available in the side bar menu when desktop window mode is enabled.
3	Close the application's desktop window (the application is minimized, but remains open).

3. Tap the **Reduce window** n^{k} icon in side bar menu.

The open app now appears in desktop window mode. You can resize the app window and position it anywhere on the screen by pressing and dragging it.

Apps viewed in desktop window mode feature additional controls in the app's floating window side bar menu (including split screen mode).

- $^{\circ}$ To keep an app's desktop window in the foreground, tap the **Keep at top** $\overline{^{\perp}}$ icon.
- ° To view an app in full screen mode, tap the **Expand window** 2 icon.
- 4. To enable split screen mode, tap the **Split screen** icon in an app's desktop window side bar menu

The Split Left or Split right icon appears.

5. Tap **Split left** or **Split right** to choose which side of the screen the second window will open.

The apps menu appears.

- 6. Tap the second app you want to view.
- 7. Drag the divider left or right to adjust the size of each view.
- 8. To choose another app to view in the left or right split screen panel, tap the **Close** icon \times in an open app's desktop window side bar menu.

To close split screen, drag the divider all the way to left or right side of the screen.

To download new apps

See > <u>Download apps</u>

To use SMART Remote Management to deploy third-party apps (admins only)

See > Installing apps

Note

You must have an active SMART Remote Management license.

Adding shortcuts

You can quickly get to your favorite apps, files, web pages, and more by adding shortcuts to the Home screen.

Adding shortcuts to the Home screen

You can add Home screen shortcuts to your favorite apps, frequently used files, web pages, and more to make them easier to find.

Tip

To move a shortcut on the Home screen, press and hold the shortcut, then drag it to a new location.

To add an application shortcut

1. Tap the **All Apps** icon in the Launcher menu at the bottom of the screen to view tiles of the apps installed on the display.

See > Launcher on page 22

The All Apps menu appears.

2. Press and drag an app to add it as a shortcut to the Home screen.

To add a file shortcut

- 1. Tap the **All Apps** icon in the Launcher menu at the bottom of the screen to view tiles of the apps installed on the display.
- 2. Search for and open File Manager.
- 3. Tap a file to select it, and then tap **Shortcut**.

A dialog prompts for confirmation to add the shortcut to the Home screen.

4. Tap Add to home screen.

The file shortcut is added to the Home screen.

Managing shortcuts

You can move or delete the shortcuts you've added to the Home screen.

To move a shortcut on the Home screen

Press and hold a shortcut, and then drag the shortcut to a new position on the Home screen.

To delete a shortcut

Press and hold a shortcut, and then drag the shortcut to the *Remove* area of the screen.

The shortcut is removed from the Home screen.

Chapter 3 Using the display's apps

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This chapter introduces the apps on SMART Board GX (V4) Plus series interactive displays.

Using Whiteboard



You can view and erase notes, open a saved note, and save your notes to the display, a USB drive, or cloud account. You can also email a copy of your notes.

Tip

To access the Launcher while in using the Whiteboard, swipe up from the bottom of the screen.

Whiteboard tools and controls

The Whiteboard app has a number of tools and controls for accessing and managing whiteboard sessions.

Tip

Swipe up from the bottom of the screen to access the launcher when viewing a whiteboard file.

Tool	Icon	Description		
Menu tools	Menu tools			
Tap the Menu icor	in the lowe	r left corner to open the menu of tools for saving and sharing.		
New	lacksquare	Start a new whiteboard.		
Open	\Box	Open a whiteboard saved on the display, from a USB drive, or a cloud account.		
Save		Save a new whiteboard file to the display, to a USB drive, or a cloud account. Saves all pages into one whiteboard file in .wbd, .pdf, and .png file formats. Saving the current whiteboard file will replaces previously saved versions.		
Save As	€	Rename the current whiteboard and save it without overwriting a previously saved version.		
Upload	ᢙ	Save the whiteboard contents directly to a cloud account.		
Scan	80	Share the whiteboard using a QR code. Note The shared whiteboard image doesn't update to reflect changes made after it was shared.		
Email	$oxed{\square}$	Email a copy of the current whiteboard session. Note This feature requires configuration before using. Contact your system administrator for support.		
Settings	0	Access options for enabling palm rejection, multi-finger mode, pressure sensing, and more.		
Exit	\leftarrow	Exits the Whiteboard app.		
Other controls				
Menu	=	Access a menu of tools for opening saving files.		

Tool	Icon	Description
SplitScreen	OD .	Partition the screen into equal non-overlapping parts. Each participant has their own space for writing and drawing. You can have up to four partitions.
Navigation tools		
Next	>	Advance to the next page.
Previous	<	Return to the previous page.
Add a page	•	Add a new page to the current whiteboard.
Page number	02 / 02	Shows the current page number and enables you to go to a specific page or delete pages. Tap the box to expand and see all pages in the file.

Writing and erasing notes

The Whiteboard has several tools for drawing and erasing.

Tool	Icon	Description
Select	>	Select objects and manipulate them by moving, rotating, resizing, copying, or deleting them. Options are also available for changing the color of an object, arranging the order of objects, copying or deleting an object, and more.
Pen	Ø	Change ink color and choose from a variety of pen styles. You can select a different color and style for each end of the pen. Tap the Pen tool to select it, then tap again to change its color. You can use a pen or finger to write or draw on the whiteboard.
		Note
		Dual-pen writing is supported when multi-finger writing is enabled in settings (see <i>Settings</i> on the previous page), allowing users to write with different colors or pen styles at the same time.

Tool	Icon	Description		
Eraser	\Diamond	Use the Eraser tool to erase digital ink and objects on a whiteboard. You can use a pen or finger to erase ink. Tap on the Eraser to select an eraser mode. You can drag a slider to change the eraser size. You can also select to delete objects by tapping an object.		
		From the Menu, tap Settings to access additional eraser modes.		
Shape	D	Add a range of two-and three-dimensional geometric shapes to a whiteboard. You can also fill and change the color of the shapes. Select the shape and the color, then press and hold as you draw the shape.		
Insert	+	More insert options (see below).		
Undo	⇒	Reverse the effect of the last action.		
Redo	\subset	Reinstate the last action reversed with the Undo command.		
Aerial View	\square	Pan to view all content on a whiteboard.		
Background	$\overline{\mathbb{Z}}$	Add grids, or a background image to the whiteboard, or change the background's color.		
More insert tools	More insert tools			
Media		Insert images from the Pictures folder in File manager. Select inserted images and manipulate them by moving, rotating, resizing, copying, or deleting them.		
Document		Open and edit a document while showing a whiteboard. You can also add document content as an object into a whiteboard file.		
Easy Upload		Scan a QR code to upload files to File manager from your mobile device. Uploaded media images can then be inserted into a whiteboard file by tapping the Media button (see above).		
Browser	©	Open a browser to search for and insert images into your whiteboard file. Select inserted images and manipulate them by moving, rotating, resizing, copying, or deleting them.		

Tool	Icon	Description
Table	=	Add tables to a whiteboard. Select the size and then insert the table. Draw within the table to change cell sizes.
4-Lines		Add an object featuring four lines on which you can write.
Mindmap	8 -0	Add a mind map to a whiteboard. Tap + to add more nodes. To delete a node, tap and tap Delete .
Notes		Add "stick notes" to a whiteboard.
Ruler	ш	Add a ruler, protractor, or Geodreieck to a whiteboard.
Periodic	丛	Add a periodic table to a whiteboard.
Tactics	Ø	Add a sports field boundary marking to a whiteboard. Options include a badminton court, baseball field, basketball field, football field, and more.
Votekit	==	Create a quick poll that enables participants to cast votes and answer single multi-choice questions by scanning a QR code with their mobile devices.
Pdf	PDF Pdf	Import a PDF document into a whiteboard (20 page limit).

Starting a new whiteboard

On the display's Home screen, tap the **Whiteboard** icon **2**.



OR

Tap **New** in an open whiteboard.

A new whiteboard appears.

Changing the background

You can change the whiteboard's background. If a whiteboard has multiple pages, each page can have a different background. When you export or share the whiteboard, the background you've selected also appears.

To change the whiteboard's background

- 1. Tap the **Menu** icon \equiv .
- 2. Tap the **Background** icon .
- 3. Select a background color and/or grid format.

OR

Upload an image to the background.

The background appears.

Note

When adding a new page, the background theme of the current page applies to the new page.

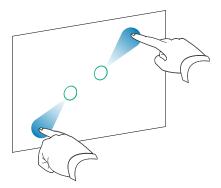
Navigating in the whiteboard

Ensure Multi Finger Mode is disabled in whiteboard settings.

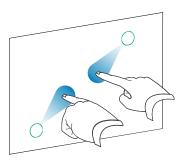
See > Settings on page 34

Tap the **Pen** tool icon \mathcal{O} to select it.

Use two fingers to pinch to zoom in.



Use two fingers to pinch to zoom out.



Opening an existing whiteboard

You can easily continue from where you left off in a saved whiteboard.

- 1. Tap the **Whiteboard** icon .
- 2. Tap the **Menu** icon \equiv .
- 3. Tap the **Open** icon **D**.

The File List dialog appears.

4. Browse to and tap the whiteboard you want to open.

You can open a file from the display, a USB drive, or a Google Drive or OneDrive account.

5. Tap **OK**.

Saving a whiteboard

You can save a whiteboard.

To save a new whiteboard

- 1. Tap the **Menu** icon \equiv .
- 2. Tap the **Save** icon **E**.

The *Save* dialog appears.

3. Type a name for the file in the *Filename* box.

Note

You can save a file to the display, a USB drive, or to a cloud account.

4. Select a file type (supported formats include wbd, .pdf, and .png).

- 5. Select a storage location.
- 6. Tap Save.

To save an existing whiteboard

- 1. Tap the **Menu** icon = .
- 2. Tap the **Save** icon **E**.

To save an existing whiteboard with a new name or location

- 1. Tap the **Menu** icon \equiv .
- 2. Tap the **Save** icon **E**.

The Save dialog appears.

- 3. Type a new name for the file in the *Filename* box.
- 4. Note

You can save a file to the display, a USB drive, or to a cloud account.

- 5. Select a file type (supported formats include wbd, .pdf, and .png).
- 6. Select a storage location.
- 7. Tap Save.

Exporting a whiteboard file to cloud storage

- 1. Tap the **Menu** icon \equiv .
- 2. Tap the **Upload** icon .
- 3. Select a cloud account.

If this is the first time uploading a file to a cloud account from the display, you're prompted to sign in to a Google Drive or OneDrive account.

- 4. Type a name for the file in the Filename box.
- 5. Select a file type (supported formats include wbd, .pdf, and .png).
- 6. Tap Confirm.

Sharing a whiteboard

If your mobile device has a QR code scanner, it can open an image of the whiteboard in a web browser.

Note

The shared whiteboard image doesn't update to reflect changes made after it was shared.

To share a whiteboard note

- 1. Tap the **Menu** icon = .
- 2. Tap the **Scan** icon .
- 3. Scan the QR code with your mobile device.

You're prompted to open the whiteboard image in your device's browser.

When the image appears, you can save the image to your mobile device or share the image with others.

Changing whiteboard settings

In whiteboard settings, you can enable palm rejection, multi-finger mode, pressure sensing, and more.

To change a whiteboard setting

- 1. Tap the **Menu** icon = .
- 2. Tap the **Settings** icon **and** browse to the setting you want to change.

Using File manager



Use the File manager to access files saved on the display, on USB drives, or a cloud account. Sign into the cloud account and grant permissions before using File manager to access that account.

You can also open saved whiteboard .wbd or .png files in file manager.

Opening, viewing, or deleting a file

To open File manager

- 1. Tap the **All Apps** icon in the Launcher menu at the bottom of the screen to view all apps installed on the display.
- 2. Search for and tap the **File manager** icon . File manager opens.

To view a file

In File manager, browse to the folder that contains the file and-tap it.

Tip

Tap the **More** icon in the top-right of the dialog box to choose how file information is displayed.

The file opens in the appropriate application.

To stop viewing a file

Tap the **Home** icon **1** in the Launcher.

See > Launcher on page 22

To delete files

1. Press and hold a file to select it.

Tip

Tap **Select All** in the bottom menu to select multiple files. A check box appears next to the selected files.

2. Tap **Delete**, and then tap **OK**.

The file is moved to Trash.

Moving or copying files using a USB drive connected to the display

To copy a file from a USB drive to the display

- 1. Tap the **All Apps** icon in the Launcher menu at the bottom of the screen to view all apps installed on the display.
- 2. Search for and tap the **File manager** icon . File manager opens.
- 3. Connect a USB drive to the display's connector panel.



- 4. Tap the name of the connected USB Drive.
- 5. Browse to the files you want to move or copy.
- 6. Press and hold a file to select it.

Tip

Tap **Select All** in the bottom menu to select multiple files. A check box appears next to the selected files.

- 7. Tap **Copy** in the bottom menu.
- 8. Tap Local.
- 9. Browse to the folder you want to copy the file to.
- 10. Tap the folder to open it.
- 11. Tap Paste.

The file is copied to the display.

To move or copy a file from the display to a USB drive

- 1. Tap the **All Apps** icon in the Launcher menu at the bottom of the screen to view all apps installed on the display.
- 2. Search for and tap the **File manager** icon .

File manager opens.

- 3. Tap Local.
- 4. Browse to the files you want to move or copy.
- 5. Press and hold a file to select it.

Tip

Tap **Select All** in the bottom menu to select multiple files. A check box appears next to the selected files.

- 6. Tap **Copy** in the bottom menu.
- 7. Connect a USB drive to the display on the front connector panel.



- 8. Tap the name of a USB Drive connected to the display's connector panel.
- 9. Browse to the folder you want to move or copy the file to.
- 10. Tap the folder to open it.

11. Tap Paste.

The file is copied or moved to the connected USB Drive.

Using a Google Drive or OneDrive account

The following procedures will require you to sign in to your Google Drive or OneDrive account (if you haven't already done so).

To move or copy a file from a cloud drive to the display

- 1. Tap the **All Apps** icon in the Launcher menu at the bottom of the screen to view all apps installed on the display.
- 2. Search for and tap the **File manager** icon . File manager opens.
- 3. Tap Cloud Drive.
- 4. You can select to save from a Google Drive or OneDrive account.
- 5. Browse to the files you want to move or copy.
- 6. Press and hold the file to select it.

Tip

Tap **Select All** in the bottom menu to select multiple files. A check box appears next to the selected files.

7. Tap **Cut** or **Copy** in the bottom menu.

Note

Cut will remove the file from the Cloud drive, whereas **Copy** will leave the file on the Cloud drive.

- 8. Tap Storage.
- 9. Browse to the folder you want to move the file to.
- 10. Tap the folder to open it.
- 11. Tap Paste.

The file is copied or moved to the display.

To move or copy a file from the display to a cloud drive

- 1. Tap the **All Apps** icon in the Launcher menu at the bottom of the screen to view all apps installed on the display.
- Search for and tap the File manager icon .
 File manager opens.
- 3. Tap Local.
- 4. Browse to the files you want to move or copy.
- 5. Press and hold the file to select it.

Tip

Tap **Select All** in the bottom menu to select multiple files. A check box appears next to the selected files.

6. Tap Cut or Copy in the bottom menu.

Note

Cut will remove the file from the display, whereas **Copy** will leave the file on the display.

- 7. Tap Cloud Drive.
- 8. You can select to save to a Google Drive or OneDrive account.
- 9. Browse to the folder you want to move the file to.
- 10. Tap the folder to open it.
- 11. Tap Paste.

The file is copied or moved to the Cloud drive.

Using Browser



The display includes the Google Chrome web browser that you can use as you would on your computer or mobile device. Refer to the Help in the browser.

Tip

Click the + icon in the top-right corner to open a new web browser tab.



Using Lumio

The Lumio app allows teachers to open, present, and work with their Lumio files directly from the display. It offers the same experience as the browser version, making it easy to start teaching with materials they've already prepared.

See > <u>Lumio</u>

Chapter 4 Using SMART Mirror

The Support section of the SMART website includes information about using SMART Mirror the screen sharing app available on SMART Board GX (V4) Plus series displays.

See > <u>Using SMART Mirror</u>

Chapter 5 Using the display's widgets

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This chapter introduces the widgets on the SMART Board GX (V4) Plus series interactive displays.

To open the Widgets menu, open the side **Toolbar** and tap the **More** icon .

See > Side Toolbar on page 22

You can pin up to four of your favorite widgets to the Compass menu to make them easier to find from the Home screen.

See > Compass on page 23

Note

Widgets always appear on top of other open windows, programs, and connected devices.

The Widgets menu features the following tools and controls:

lcon	Widgets	Function	For more information
<u>Q</u>	Overlay	Write on an overlay on top of any app, video, website, document, or image, including input from a connected computer. Saving to cloud storage is also supported.	See > Using the Overlay tool on the next page
Ξ	Timer	Start a countdown timer.	See > <i>Using the Timer tool</i> on page 52
景	Spotlight	Use the Spotlight widget during a presentation to draw attention to an area of a screen.	See > Using the Spotlight widget on page 54
<u> </u>	Screen Record	Use the Record widget to record your actions on the display.	See > Using the Screen record widget on page 54
11	Freeze	Freeze and zoom the current image on the screen.	See > <i>Using the Freeze widget</i> on page 55
	PIP	Use the picture-in-picture (PIP) widget to show a different input in a smaller floating window while using other apps on the display.	See > Using the PIP widget on page 56
G	Screen Lock	Lock the screen.	See > <i>Using Screen Lock</i> on page 58
+ ×	Calculator	Open an on-screen calculator.	See > <i>Using the Calculator</i> on page 58
4	Screen Shot	Capture screen captures of anything on the screen, including content from apps, websites, and videos. Select Freedom, Full, and window mode. You can add captured screens to a whiteboard and edit them.	See > Using the Screen Shot widget on page 59

Icon	Widgets	Function	For more information
	Quick Poll	Quickly create an online poll that enables participants to cast votes and answer single multi-choice questions using their mobile devices.	See > Using the Quick Poll widget on page 60
	Easy upload	Enable user's to quickly and simply upload document and image files from their mobile devices to the display.	See > Using the Easy Upload widget on page 62

Using the Overlay tool

Use the Overlay widget to write or draw over the currently displayed screen contents. After you finish, you can save the overlay to the Files library.

To write or draw on an overlay

- 1. Tap the **Overlay** icon ...
- 2. Use the display's pens or your finger to write or draw in digital ink.
- 3. If you want to keep the overlay, tap the **Save** icon to save the image file to the display in .jpeg format.
- 4. When you're done, tap the **Close** icon \times to exit the overlay.

To erase ink on an overlay

Tap the \mathbf{Eraser} icon \mathbf{X} and move your fist or palm over the digital ink.

Overlay tools and controls

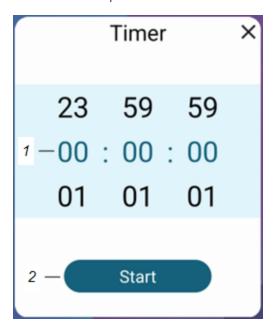


No.	Tools and controls
1	Select tool. When the Select tool is active, your touch passes through the overlay and interacts with the screen contents behind it.
2	Pen tool. When the Pen tool is active, your touch draws digital ink on the overlay. Press and hold to access options for changing the pen size and color.
3	Eraser tool. When the Eraser tool is active, you can erase digital ink by moving your fist or palm over the ink.
4	Save the current overlay.
5	View and edit previously saved versions of the current overlay.
6	Remove the overlay and close the Overlay widget.

Using the Timer tool

1. Tap the **Timer** icon **Z**.

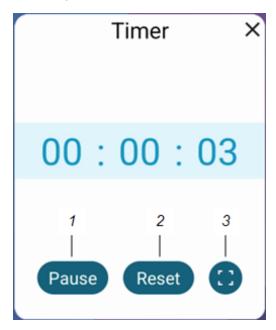
The Timer tool opens:



No.	Control
1	Timer display (left to right): hours, minutes, seconds. Slide your finger up or down on the numbers to customize the countdown timer.
2	Start the countdown timer.

2. Tap **Start** to start the countdown timer.

This image and table describe the options available after the timer has started:



No.	Control
1	Reset the countdown timer.
2	Pause the countdown timer.
3	Make the countdown timer full screen.

To close the Timer tool

Tap the **Close** icon X.

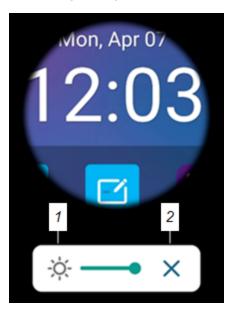
Using the Spotlight widget

You can use the Spotlight widget during a presentation to draw attention to a particular screen area.

To use the Spotlight widget

1. Tap the **Spotlight** icon 😞.

The Spotlight widget is activated:



No.	Control		
1	Change the spotlight's transparency.		
	Tip		
	You can also use finger gestures to change the size of the spotlight area.		
2	Close the Spotlight widget.		

2. Press and drag the Spotlight window to highlight an area of the screen.

To close the Spotlight widget

Tap the **Close** icon X.

Using the Screen record widget

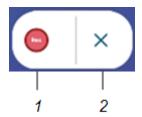
You can use the Screen record widget to record a video of the on-screen activity.

To use the Record widget

1. Tap the **Record** icon ...

A dialog box appears identifying the information the Screen record widget will access.

2. To access the Record widget controls, tap **Start now**.



No.	Control
1	Begin recording.
2	Close the Record widget.

- 3. Tap the **Rec** icon •.
- 4. If you want to pause the recording, tap the **Pause** icon **!!**.



Tap the **Rec** icon to resume recording.

- 5. To stop the recording, tap the **Stop** icon .

 The *Save to* dialog box appears.
- 6. Tap **OK** to save the screen recording to the display.

To close the Screen record widget

Tap the **Exit** icon X.

Using the Freeze widget

You can use the Freeze widget to temporarily freeze the screen.

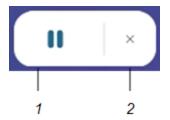
Note

Freezing the screen does not pause running applications on the connected computer. It simply freezes the display of those applications.

To use the Freeze widget

1. Tap the **Freeze** icon ...

The Freeze widget controls appear:



No.	Control
1	Return to the default screen size.
2	Close the Freeze widget.

- 2. Tap the **Freeze** button **11** to freeze the screen.
- 3. Press and drag the frozen image to move it on the screen.

Tip

You can also use pinch-to-zoom finger gestures to zoom in or out.

4. Tap the **Resume** icon . to unfreeze the screen.

To close the Freeze widget

Tap the **Close** icon \times .

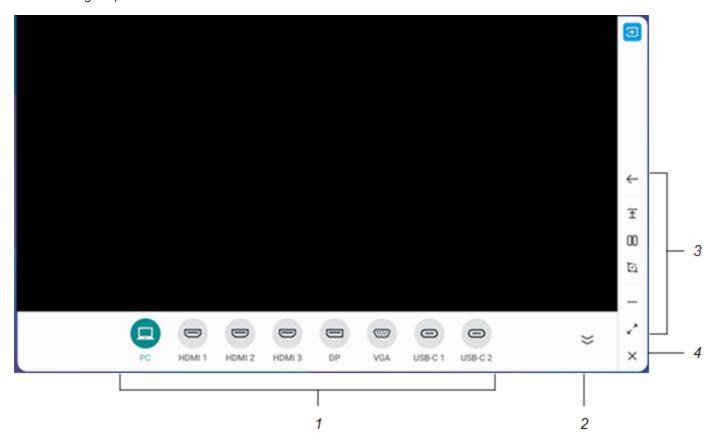
Using the PIP widget

The picture-in-picture (PIP) widget enables you to show a different input in a smaller floating window you can position anywhere on the screen. The floating window appears on top of open apps, allowing you to continue viewing the second input while interacting with other apps or websites.

To use the PIP widget

1. Tap the **PIP** icon .

The PIP widget opens:



No.	Control
1	Select an input.
2	Hide the input option items.
3	Controls for expanding or hiding the input window, viewing the input widow in split screen mode with another open app, annotating and saving the input window image, and more.
4	Close the PIP widget.

2. Tap an input to appear in the second window.

3. Tap the **Enter** icon • to view the selected input in full screen.

Note

If the selected input also has a USB cable connected for touch, you can control this input via touch, directly within the PIP window.

To close the PIP widget

Tap the **Close** icon \times .

Using Screen Lock

Use the Screen Lock feature to secure the display's screen. When the screen lock is enabled, a pattern, PIN, or password. must be entered to unlock the screen.

Note

Creation of a screen lock is part of the display's initial set up. You can also configure the Screen Lock feature in display settings.

See the SMART Board GX (V4) Plus series interactive displays installation and maintenance guide (docs.smarttech.com/kb/172033).

To lock the screen

Tap the **Screen Lock** icon .

A pattern, PIN, or password must now be entered to unlock the screen.

Tip

If the screen lock isn't configured, a message appears confirming no password is set. Tap **Confirm** to access options for configuring the screen lock.

Using the Calculator

Open an on-screen calculator that appears on top of applications running on the display.

To use the Calculator

Tap the **Calculator** icon .

To close the Calculator widget, tap the **Close** icon \times .

Using the Screen Shot widget

The Screen Shot toolbar enables you to take a screen capture of a rectangular area or the entire screen.

To use the Screen Shot widget

1. Tap the Screen Shot icon 4.

The Screen Shot widget opens:



No.	Control
1	Insert the selected window or screen into a new whiteboard
2	Select the entire screen.
3	Save the captured screen to the display.
4	Close the Screen Shot widget.
5	Resize the selected window.

- 2. Select the area or screen you want to capture.
- 3. Tap the **Save** icon \checkmark to save the selected window or screen.

4. Type a file name for the captured image and tap **OK**.

The captured image is saved on the display to the default folder.

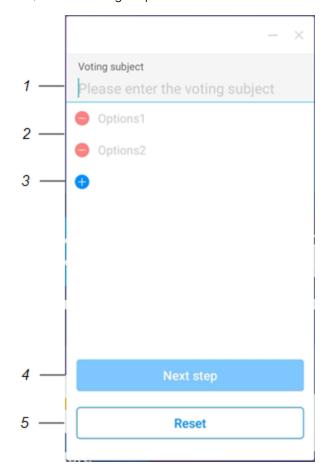
Using the Quick Poll widget

Use the Quick poll widget to create an online poll that enables participants to cast votes and answer single multi-choice questions using their mobile devices..

To use the Quick Pole widget

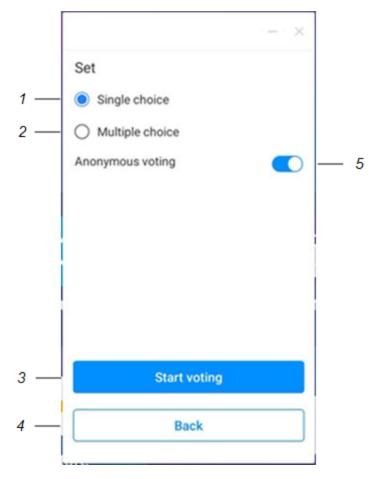
1. Tap the **Quick Pole** icon .

The Quick Pole widget opens:



No.	Control
1	Add a voting subject.
2	Add voting options.
3	Add additional voting options.
4	Move to the next step in creating the online poll.
5	Clear the entered voting subject and options.

- 2. Type a subject for the quick poll in the *Voting subject* text box.
- 3. Type voting options in the *Options* text boxes
- 4. Tap **Next step** to move to the next configuration options.



No.	Control
1	When Single choice is enabled, participants can only select a single voting subject.

No.	Control
2	When Multiple choice is enabled, participants can select multiple voting subjects.
3	Start the poll.
4	Go back to the previous dialog box.
5	When <i>Anonymous voting</i> is enabled, participants are not prompted to type a name before submitting their votes.

5. Tap Start voting.

A QR code appears for participants to scan with their mobile devices and begin submitting their votes.

6. To end voting and view the results of the poll, tap **End voting** in the Quick poll dialog box.

The results of the poll appear on the display's screen.

Using the Easy Upload widget

Use the Easy Upload widget to enable user's to quickly and simply upload document and image files from their mobile devices to the display.

To use the Easy Upload widget

1. Tap the **Easy Upload** icon **.**

The Easy Upload widget opens displaying a QR code.

2. Scan the QR code with your mobile device to begin uploading files to the display.

A file transfer window opens on your device.

3. Browse to the file you want to upload.

Tip

You can select multiple files to upload.

4. Tap **Send** to upload the selected files to the display.

A preview of the uploaded files appears in the Easy Upload dialog box.

 $Files \ uploaded \ to \ the \ display \ are \ saved \ in \ the \ \textit{QuickPassDownload} \ folder \ in \ File \ manager.$

To close the Easy Upload widget

Tap the **Close** icon \times .

Chapter 6 Connecting computers and other devices

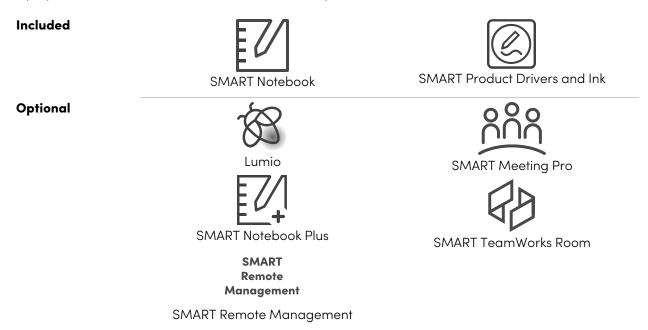
Installing and using SMART software	64
Connecting room computers and guest laptops	
Viewing a connected computer's input	
Setting a connected computer's resolution and refresh rate	
Connecting USB drives, peripherals, and other devices	. 70

(i) Warning

Ensure that any cables that cross the floor to the display are properly bundled and marked to avoid a trip hazard.

Installing and using SMART software

The display comes with SMART software that you can install on connected room computers and guest laptops or access online. Other SMART software is optional.

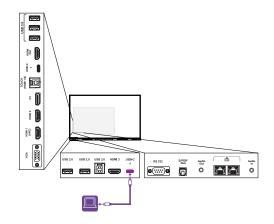


See > smarttech.com/downloads

Connecting room computers and guest laptops

You can connect room computers and guest laptops to the display and view and interact with them.

• USB-C1



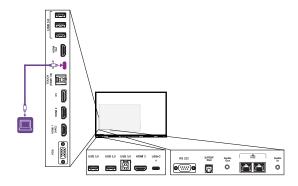
Video/audio/touch/network

Connector USB-C1

Standard USB 3.2 Gen 1×1 (as DFP)

Display Port alternate mode

• USB-C 2



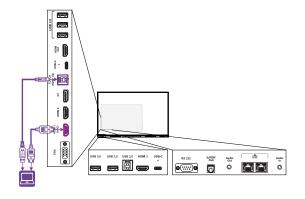
Video/audio/touch/network

Connector USB-C 2

Standard USB 3.2 Gen 1×1 (as DFP)

Display Port alternate mode

HDMI 1



Video/audio

Connector HDMI1

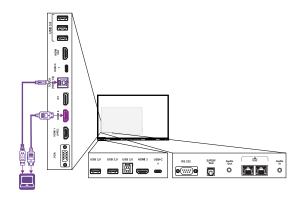
Standard HDMI 2.1

Touch

Connector Touch (USB Type-B)

Standard USB 3.0

HDMI 2



Video/audio

Connector HDMI 2

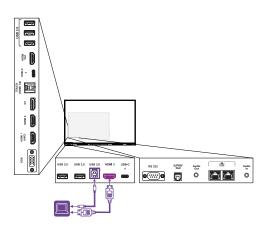
Standard HDMI 2.1

Touch

Connector Touch (USB Type-B)

Standard USB 3.0

HDMI 3



Video/audio

Connector HDMI 3

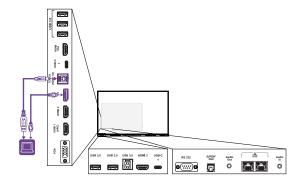
Standard HDMI 2.1

Touch

Connector Touch (USB Type-B)

Standard USB 3.0

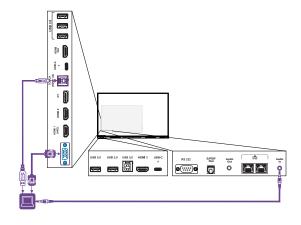
Display Port



Video/audio

Connector	DisplayPort
Standard	Display Port 1.4a
Touch	
Connector	Touch (USB Type-B) ¹
Standard	USB 3.0

VGA



Video

Connector VGA Standard **VGA** Audio **Connector** Audio In (Stereo 3.5 mm) **Standard** Stereo 3.5 mm Touch Connector Touch (USB Type-B)1

Standard USB 3.0

/i Caution

When connecting a USB cable to a computer, make sure the computer has a USB compliant interface and bears the USB logo. In addition, the USB source computer must be compliant with IEC 60950-1 and/or IEC 62368-1. The source computer must be CE marked and carry safety certification marks for Canada and USA. This is for operating safety and to avoid damage to the SMART product.

¹The HDMI 1, HDM 2, Display Port ,and VGA inputs share a USB Type-B receptacle.

Notes

- A room computer or guest laptop connected to the display through a USB Type-C receptacle has access to any networks connected to the display by Ethernet while the computer is the currently selected input on the display.
- Install SMART software on any computers you connect to the display.
 - See > Installing and using SMART software on page 64
- Your organization's installers might have connected cables to the display and run the cables behind a wall or under the floor to a desk or table where you can place your computer.
- If a connected computer reports "Too many USB hubs" or "cannot start (code 10)," see the knowledge base article, SMART Board interactive displays and USB tier structure use.

Viewing a connected computer's input

1. Connect a device to the display's HDMI 1, HDMI 2, HDMI 3, USB Type-C 1, USB Type-C 2, Display Port, or VGA connectors.

Note

To enable touch control of the device, connect a USB cable to the associated USB connector. Devices connected to the USB Type-C connector don't require an additional USB connection to enable touch.

2. Select the source using one of the following methods:

Using the Input settings menu	Using the remote control
Click the Input icon on the Home screen.	Press the Input button .

Note

The currently selected input (PC, Android, HDMI 1, HDMI 2, HDMI 3, DP, VGA, USB-C 1, or USB-C 2) is highlighted.

3. Tap the computer's input or use the navigation keys on the remote control to select the source and then press the **OK** button.

The device's output appears on the display's screen.

Setting a connected computer's resolution and refresh rate

This table presents the recommended resolutions and refresh rates for the display's USB-C and HDMI inputs:

Resolution	Input aspect ratio	Mode	Refresh rate
3840 × 2160	16:9	UHD/2160p	59.94 Hz/60 Hz 50 Hz 29.97 Hz/30 Hz 25 Hz 23.98 Hz/24 Hz
1920 × 1080	16:9	FHD/1080p	59.94 Hz/60 Hz 50 Hz 29.97 Hz/30 Hz 25 Hz 23.98 Hz/24 Hz
1360 × 768	16:9	HD	60.015 Hz
1366 × 768	16:9	HD	60.015 Hz
1280 × 720	16:9	HD/720p	59.94 Hz/60 Hz 50 Hz 29.97 Hz/30 Hz 25 Hz 23.98 Hz/24 Hz
720 × 480	16:9	480p (DVD Player)	60 Hz

This table presents the recommend resolutions and refresh rates for the display's VGA input:

Resolution	Input aspect ratio	Mode	Refresh rate
1920 × 1080	16:9	N/A	60.000 Hz
1600 × 1200	4:3	N/A	60.000 Hz
1360 × 768	16:9	N/A	60.015 Hz
1280 × 1024	5:4	SXGA 60	60.020 Hz
1024 × 768	4:3	XGA 60	60.004 Hz
		XGA 70	70.069 Hz
		XGA 75	75.029 Hz

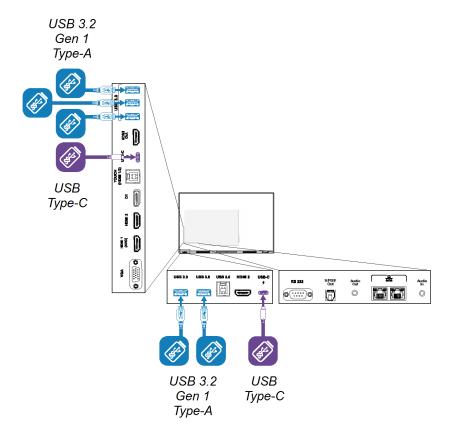
Resolution	Input aspect ratio	Mode	Refresh rate
800 × 600	4:3	SVGA 60	60.317 Hz
		SVGA 72	72.188 Hz
		SVGA 75	75.000 Hz
640 × 480	4:3	VGA 60	59.940 Hz

If possible, set connected computers to these resolutions and refresh rates. See the connected computers' operating system documentation for instructions.

See also > support.smarttech.com/docs/resandrefreshrates

Connecting USB drives, peripherals, and other devices

The display includes two USB 3.2 Gen 1 Type-A receptacles on the front connector panel and three USB 3.2 Gen 1 Type-A receptacles on the side connector panel. You can connect USB drives, peripherals (such as keyboards), and other devices to the USB 3.2 Gen 1 Type-A receptacles and use these devices with the display's embedded OS or OPS slot computer. The display's USB 3.2 Gen 1 Type-A receptacles will switch to the active input.



Notes

You can charge devices using the display's USB Type-C receptacles:

Receptacle	Location	Maximum charging capacity
USB-C1	Front connector panel	65 W
	Note When a module is installed in the accessory	
	slot, the maximum charging capacity is 15 W.	
USB-C 2	Side connector panel	15 W

Chapter 7 Troubleshooting

Troubleshooting the display and related SMART products

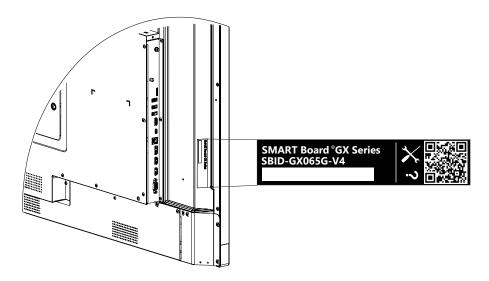
The Support section of the SMART website includes information about resolving a variety of common problems with the display and related SMART products.

Contacting your reseller for additional support

If an issue you're experiencing with the display persists or isn't covered in the support section of the SMART website, contact your authorized SMART reseller (smarttech.com/where) for support.

Your reseller might ask you for the display's serial number.

The serial number is on a label located on the left side of the display (pictured).



Tip

Scan the QR code on the label to view the SMART Board GX (V4) Plus series interactive display support pages on the SMART website.

Certification and compliance

Electronic (e-label) information

Regulatory information is available in the display's settings.

From the Home screen, tap **Settings** > **About** > **Regulatory Information**.

Informations électroniques (e-Label)

Les informations réglementaires sont disponibles dans les paramètres de l'écran. Depuis l'écran d'accueil, appuyez sur

Paramètres > À propos de > Informations réglementaires.

Federal Communication Commission interference statement

FCC

Suppliers Declaration of Conformity
47 CFR § 2.1077 Compliance Information
Unique Identifier: IDGX65-4, IDGX75-4, IDGX86-4
Responsible Party — U.S. Contact Information

SMART Technologies Inc. 2401 4th Ave., 3rd Floor Seattle, WA 98121 compliance@smarttech.com

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.

Note

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

⚠ Caution

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

Restriction

Operations in the 5.15–5.25 GHz band are restricted to indoor usage only.

IEEE 802.11b or 802.11g operation of this product in the USA is firmware limited to channels 1 through 11.

⚠ Caution

- the device for 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;
- ii. the maximum antenna gain permitted for devices in the bands 5250–5350 MHz and 5470–5725 MHz shall comply with the e.i.r.p. limit; and
- iii. the maximum antenna gain permitted for devices in the band 5725–5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-topoint operation as appropriate.
- iv. Users should also be advised that high-power radars are allocated as primary users (i.e., priority users) of the bands 5250–5350 MHz and 5650–5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Radiation exposure statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the antenna of this device and all nearby persons. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Innovation, Science and Economic Development Canada statement

This device complies with RSS-247 of the Innovation, Science and Economic Development Canada Rules. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.

Radiation exposure statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the antenna of this device and all nearby persons. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Innovation, Science et Développement économique Déclaration du Canada

Cet appareil est conforme à la norme ISED CNR-247 pour les appareils radio agréés. Son fonctionnement est soumis aux deux conditions suivantes:

- 1. le dispositif ne doit pas produire de brouillage préjudiciable, et
- ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Advertissement

- i. les dispositifs fonctionnant dans la bande 5 150-5 250
 MHz sont réservés uniquement pour une utilisation à
 l'intérieur afin de réduire les risques de brouillage
 préjudiciable aux systèmes de satellites mobiles
 utilisant les mêmes canaux;
- ii. le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5 250-5 350 MHz et 5 470-5 725 MHz doit se conformer à la limite de p.i.r.e.;
- iii. le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5 725-5 825 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.
- iv. De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-El

Déclaration d'exposition aux radiations

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps. Cet émetteur ne doit pas être coimplantés ou exploités conjointement avec une autre antenne ou émetteur.

EU declaration of conformity

Hereby SMART Technologies ULC declares that the radio equipment type Interactive displays model **IDGX65-4**, **IDGX75-4**, **IDGX86-4**, complies with Directive 2014/53/EU.

Warning

Operation of this equipment in a residential environment this equipment may could cause radio interference.

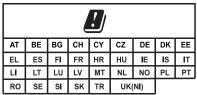
The full text of the EU declaration of conformity is available at the following internet address: smarttech.com/compliance

The frequency band and the maximum transmitted power in EU are listed below:

Regulatory models: IDGX65-4, IDGX75-4, IDGX86-4

Transmitting Band (MHz)	Maximum Transmit Power dBm
2400-2483.5	18.46
5150-5350:	19.63
5470-5725	20.87
5725-5850	10.46

Restrictions in:





Restrictions: 5150 MHz - 5350 MHz are for indoor use only. For optimal performance any support equipment connected to this device must be CE compliant.

♠ Caution: Exposure to Radio Frequency Radiation

This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Japan VCCI Class A statement – applicable only to models certified for sale in Japan

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。VCCI-A日本国内は100V交流動作のみに制限されています。

当該機器には電波法に基づく技術基準適合証明等を受けた 特定無線設備を装着している。

電波法により5.2/5.3 GHz帯は屋内使用に限りります。

This is a Class A product based on the standard of the Voluntary Control Council for Interference (VCCI). If this equipment is used in a domestic environment, radio interference may occur, in which case the user may be required to take corrective actions.

Operation in Japan is restricted to 100V AC operation only.

This equipment contains specified radio equipment that has been certified to the Technical Regulation Conformity Certification under the Radio Law.

The 5.2/5.3 GHz band is restricted to indoor use due to the Radio Law.

Hardware environmental compliance

SMART Technologies supports global efforts to ensure that electronic equipment is manufactured, sold, and disposed of in a safe and environmentally friendly manner.

Waste Electrical and Electronic Equipment (WEEE Directive)

Electrical and electronic equipment and batteries contain substances that can be harmful to the environment and to human health. The crossed-out wheeled bin symbol indicates that products should be disposed of in the appropriate recycling stream and not as regular waste.

Batteries (Battery Regulation)

↑ Caution

There is a risk of fire or explosion if a battery is replaced by an incorrect type. Dispose of used batteries promptly. Follow handling instructions on coin cell packaging. Recycle or dispose of used batteries according to local guidelines.

The display contains a coin cell battery (not user accessible). The remote contains two AAA batteries. Recycle or dispose of batteries properly.





Perchlorate material

The coin cell battery contains perchlorate material. Special handling may apply.

See > dtsc.ca.gov/hazardouswaste/perchlorate

REACH regulation

This product may contain substances that are candidate SVHCs under the EU REACH Regulation (EC) 1907/2006.

See > echa.europa.eu/scip-database

SMART Technologies

smarttech.com/support
smarttech.com/contactsupport