AM60

appliance for iQ-enabled SMART Board® displays

User guide

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This guide and other resources for AM60 are available in the Support section of the SMART website (smarttech.com/support). Scan this QR code to view these resources on your mobile device.

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Chapter 1 **Welcome**

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The SMART AM60 appliance is EDLA-licensed by Google™ and can be installed in compatible SMART Board interactive displays to provide a Google-based user experience and the benefits of the latest version of SMART's iQ[1].

Featuring integrated Google with Play Certification, the AM60 appliance lets users access native Google apps and the Play store without connecting an external computer. Adding a Google account enables access to Google Drive and your YouTube account, plus easy access to Google Classroom, Docs, Slides, and Sheets.

The AM60 appliance also comes with the latest Android™ OS and includes an upgrade path to future Android updates via over-the-air updates.

To learn more about Google Play™ services, click here.

For a list of compatible displays:

See › support.smarttech.com/docs/opscompatibility

About this guide

This guide explains how to install and use the AM60 in a compatible SMART Board® interactive display.

[1]This feature will be available in 2024

More information

In addition to this guide, SMART provides other resources in the Support section of the SMART website (smarttech.com/support). Scan the QR code on the cover of this guide to view links to other support resources for the AM60 and related products.

Chapter 2 **Installing**

This chapter includes information about installing the AM60 appliance, turning it on for the first time, and connecting other devices or accessories to the appliance.

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Installing the AM60 appliance

Caution

Do not install or remove the appliance while the display is turned on. Ensure the power switch on the back of the display beside the AC power inlet is in the OFF (O) position.

Note

Support for the AM60 appliance may vary by SMART Board interactive display series.

See › support.smarttech.com/docs/opscompatibility

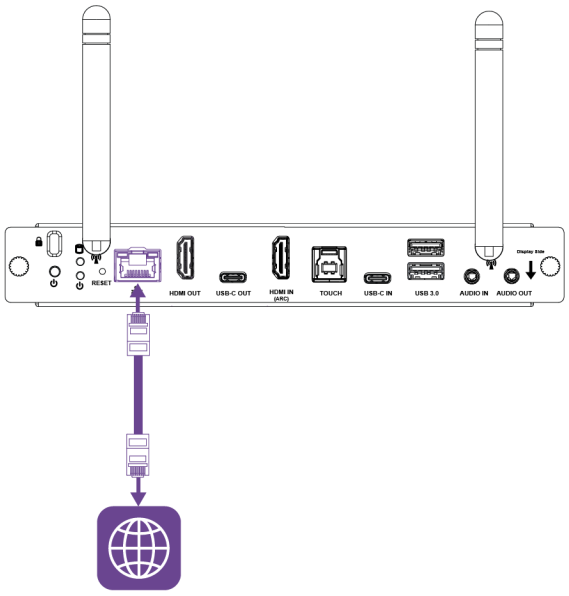
You or your organization's installers can install the AM60 appliance in a supported SMART Board interactive display's accessory slot by following the instructions in the appliance's illustrated installation instructions.

See › docs.smarttech.com/kb/171908

Connecting to a network

The appliance requires a network and internet connection for downloading software and firmware updates. The display's network connection is shared internally with the appliance, or you can connect the appliance to a network independently of the display using the appliance's Wi-Fi connection or RJ45 jack.

If the display is connected to an Ethernet network, the appliance will use the display's network connection by default. If the appliance is connected directly to Wi-Fi or Ethernet independently of the display, this connection will override the display's network connection. (The display's Wi-Fi connection is not accessible to the appliance.)



Configuring network settings for iQ enabled appliances

To use all features of the iQ experience, you need to connect the appliance to a network.

See › *Connecting to a network* above

Before you begin using iQ a network administrator must make sure the network is properly configured.

See the Network requirements, settings, and configuration section of the iQ 4 support site for more information.

Turning on the appliance for the first time

Important

Install the appliance before you turn on the display.

Notes

- The on-screen instructions for completing the appliance's setup include an option for adding a user's Google account credentials. You can skip this option if you have concerns about privacy when multiple users are accessing the display. You can enter your Google account credentials after setting up the appliance by accessing Settings.

  See › *Configuring settings* on page 68

- You can also configuring a screen lock during the appliance's setup. You can also configure this option after setting up the appliance by accessing Settings.

  See › *Managing security settings* on page 73

1. Turn on the display and wait for the home screen to appear.
2. View the available inputs and select the appliance.
3. Follow the on-screen instructions to complete the appliance setup.

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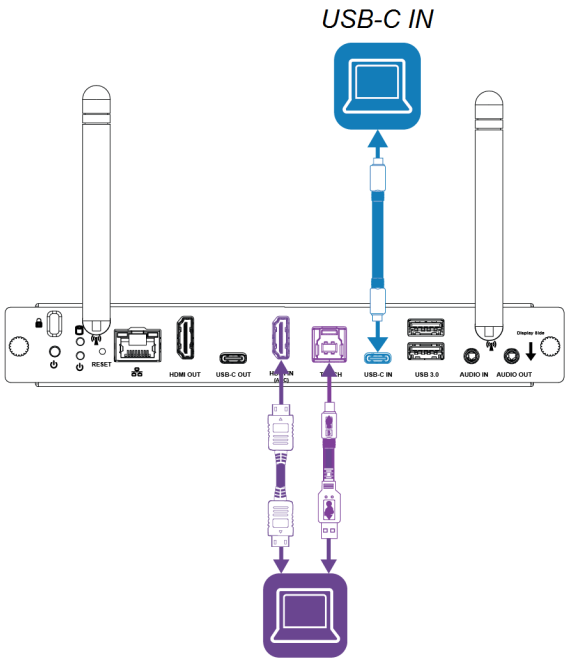
This chapter includes information about connecting devices to the AM60 appliance.

Connecting computers

Warning

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

You can connect a room computer or guest laptop to the appliance and view and interact with them.



Warning

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

Notes

- Install SMART software on computers you connect to the display.
- 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.

Note

The USB Type-C receptacle is not suitable for charging devices.

Viewing a connected computer's input

iQ enabled appliances

See the View a connected computer's screen (switch inputs) section of the iQ 4 support site for more information..

non-iQ enabled appliances

1. Connect the computer to the appliance.
2. View the appliance's input.

   See › *Viewing the appliance's input* on page 26

3. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.
4. Tap the **Input** icon.

   > **Tip**
   >
   > Tap the **Tools** icon to find the Input icon if it doesn't appear in the Toolbar's list of Favorite widgets.
   >
   > See › *Toolbar* on page 31

   The dot beside the currently selected input (Android, HDMI1, or USB-C IN), is green rather than gray. The input name also appears in green text rather than gray when an input is connected.

5. Tap the computer's input.

Setting a connected computer's resolution and refresh rate

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

Input source	Resolution	Refresh rate
HDMI	3840 × 2160	60 Hz
USB Type-C	3840 × 2160	60 Hz

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

About resolutions

The appliance supports full high definition (FHD) 1080p and 4K ultra high definition (4K UHD) resolutions, provided the source device meets the minimum requirements for such resolutions.

Resolution	Pixels	Details
FHD (1080p)	1920 × 1080 (2.1 megapixels)	Most modern video devices (computers, laptops, DVD players, and Blu-ray™ disc players) support FHD resolutions. Check a device's specifications to see which resolutions it supports.

Resolution	Pixels	Details
4K UHD	3840 × 2160 (8.3 megapixels)	A 4K UHD display has greater pixel density than an FHD display. A 4K UHD display can show up to four times as much visual information as FHD displays. **Notes** • Some video hardware described as "4K" or "UHD" may be capable of displaying a 3840 × 2160 image but will not perform well with video at the same resolution. See › Minimum requirements for Ultra High Definition or 4K on your interactive flat panel • SMART software may have additional requirements. See › smarttech.com/downloads

About refresh rates

Displays can support different refresh rates, typically 30 Hz or 60 Hz. Higher refresh rates can result in smoother, flicker-free video. This is most evident when using 4K UHD.

Most computers support a refresh rate of 60 Hz. Using the highest frame refresh rate possible will result in a better experience when using the appliance, provided the connected device supports the refresh rate. If it doesn't, you may need to set the device's display settings to a lower refresh rate.

Using recommended cables

SMART recommends the following varieties of cable:

Cable type	Maximum length	Recommendation
HDMI	23' (7 m)[1]	Use only certified Premium High-Speed HDMI (18 Gpbs) cables that have been tested to support the performance standard you require.
Stereo 3.5 mm	20' (6 m)	[N/A]

[1]The performance of cables longer than 23' (7 m) is highly dependent on the cable's quality.

Cable type	Maximum length	Recommendation
USB 2.0	16' (5 m)	Use a USB extender if the distance between the computer and the display is greater than 16' (5 m). See › USB cable extenders USB 2.0 cables support Hi-Speed (480 Mbps), whether connected to a USB 2.0 or USB 3.0 receptacle. For SuperSpeed (5 Gbps), connect a USB 3.0 cable to a USB 3.0 receptacle.
USB 3.0	9' (3 m)	SMART supports only installations that use directly connected video and USB cables, or AC-powered extenders. You might be able to use higher-grade cables that exceed the recommended length. If you have problems with such a cable or an extender of any type, test the connection with a shorter cable before contacting SMART Support.
USB Type-C	6' 6" (2 m) for SuperSpeed 5Gbps cables	USB-IF certified USB 3.2 Gen 1 Type-C cable, SuperSpeed (5 Gbps) support To use a USB Type-C cable for video, you need: • A full-featured cable that supports SuperSpeed 5Gbps (or faster) data rates. • A computer that supports Display Port Alternate Mode via USB Type-C

Using cables that exceed these maximum lengths may produce unexpected results, intermittent loss of picture, or degraded picture quality and USB connectivity.

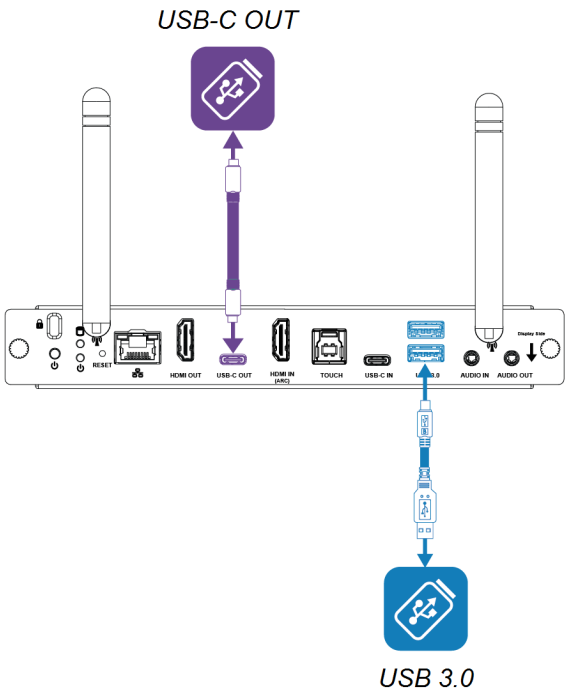
Connecting other devices

Warning

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

Connecting USB drives, peripherals, and other devices

You can use USB drives, peripherals, and other devices with the appliance by connecting those devices to the appliance's USB 3.1 Type-A, USB 3.1 Type-B, and USB Type-C receptacles.

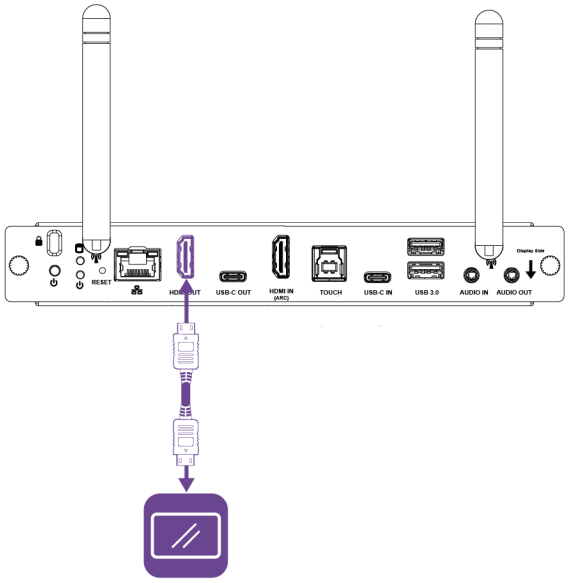


Alternatively, you can connect USB devices to the USB receptacles on the display. For information about the type and location of USB receptacles on the display, see the display's documentation.

> **Note**
>
> The USB Type-C receptacle is not suitable for charging devices.

Connecting external displays

You can connect an external display to the HDMI out connector on the appliance (rather than the HDMI out connector on the display). This allows you to duplicate or extend the appliance's desktop to the external display.

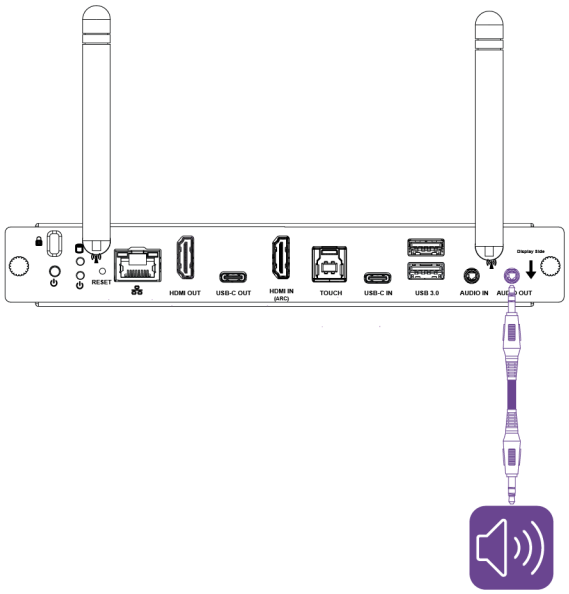


Connecting an external audio system

The appliance includes two stereo 3.5 mm connectors for connecting external analog audio devices.

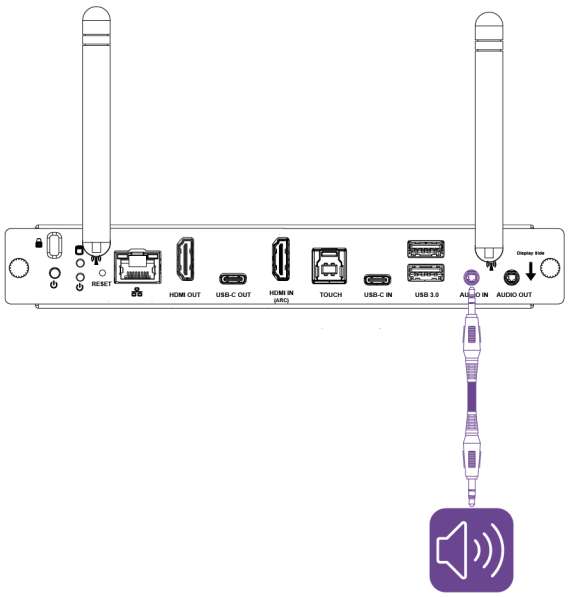
You can connect the appliance to an externally powered analog audio system using the stereo 3.5 mm Audio OUT connector. You might want to connect an external audio system if you're providing sound in a larger space.

> **Note**
>
> Connecting the appliance to an external audio disables the display's internal speakers.



AUDIO OUT

You can also connect the appliance to an external audio source using the stereo 3.5 mm Audio IN connector. Sound from the external audio source will play through the display's speakers.



AUDIO IN

Installing a microSD card

You can use a microSD card to increase the appliance's internal storage capacity. The microSD card's storage can be combined with the appliance's internal storage so you can save additional files, media, and apps on the appliance. You can also format the microSD card for portable storage.

> **Note**
>
> When you format an SD card for portable storage, you can't install apps on the SD card or transfer the SD card between devices.

SMART recommends a name brand microSD card that has the following specifications:

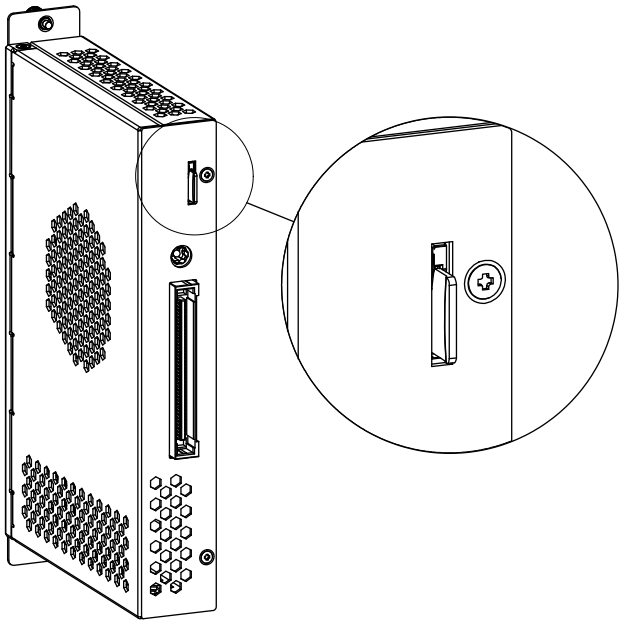
- SDHC or SDXC flash memory
- Up to 80 MB/s transfer speed
- U1 or higher UHS speed class
- C10 or higher video speed class
- Single partition

To increase the appliance's storage capacity

> ⚠ **Caution**
>
> Do not install or remove the appliance while the display is turned on. Ensure the power switch on the back of the display beside the AC power inlet is in the OFF (O) position. Using only the display's Power button is not sufficient.

1. If the appliance is installed in the display, turn the display off by turning the power switch to the OFF (O) position. (This switch's position varies among models of display. Check your display's support site pages for help finding the switch, if necessary.) Remove the appliance from the display.

2. Insert a microSD card into the appliance's SD card slot.



3. Install the appliance in the display, and turn the display back on.
4. Open the display's input menu and select the appliance input source.

   A small SD card icon will appear in the top-left corner of the appliances Home screen when the SD card is installed.

5. Go to **Settings** > **Storage**, open the drop-down menu at the top of the screen, and tap **SD-CARD**.
6. Tap the menu icon in the top-right corner of the Storage settings window to access options for formatting the SD card.
7. Choose either of the following options:

   > **Caution**
   >
   > After the microSD card is formatted for internal storage, the appliance will distribute applications and data across all internal memory. Removing the microSD card after formatting for internal storage will result in data loss.

   - **Format**: The SD card is formatted as a separate storage device and is managed manually.
   - **Format as internal**: The SD card is combined with the appliance's internal memory and managed automatically.

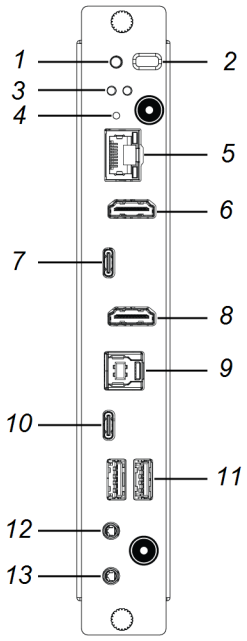
8. Follow the on-screen instructions to format the SD card.

9. Verify that the SD card was added successfully by going to **Settings** > **Storage**. Depending on how the SD card was formatted, the additional storage will be added to the appliance's internal storage or be listed as an additional storage option.

   See > *Accessing storage information* on page 71

Connector panel

The following diagram and table show the connectors on the appliance:



No.	Connector	Connects to	Notes
1	Power button	N/A	LED lights when the appliance is inserted and turned on.
2	Kensington security slot	N/A	N/A
3	Power and activity status lights	N/A	N/A
4	Reset button	N/A	N/A
5	RJ45	Network	N/A
6	HDMI 2.1 OUT	External display	This receptacle is HDCP-encrypted HDMI. See > *Connecting external displays* on page 16

No.	Connector	Connects to	Notes
7	USB Type-C OUT	Supported peripherals	See › *Connecting USB drives, peripherals, and other devices* on page 15
8	HDMI 2.1 IN	HDMI input (video and audio)	See › *Connecting computers* on page 10
9	USB 3.1 Type-B	HDMI input (touch)	See › *Connecting computers* on page 10
10	USB Type-C IN	USB Type-C input	See › *Connecting computers* on page 10
11	USB 3.1 Type-A (×2) IN	Supported peripherals	See › *Connecting USB drives, peripherals, and other devices* on page 15
12	Stereo 3.5 mm IN	N/A	See › *Connecting an external audio system* on page 16
13	Stereo 3.5 mm OUT	N/A	See › *Connecting an external audio system* on page 16
Not pictured			
14	microSD	N/A	Install a microSD card to increase the appliance's internal storage capacity. See › *Installing a microSD card* on page 18

Chapter 4 **Using iQ enabled AM60 appliances**

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This chapter provides information on using iQ enabled appliances.

Viewing the appliance's input

After installing and setting up the appliance, you can view the appliance's input on the display.

1. Open the display's input menu.

   > **Tip**
   >
   > See your display's support site pages for information on opening the input menu.

2. Select the appliance input source.

Using iQ

Explore the Home screen

iQ's Home screen shows recent files and favorite apps and files.

To show the Home screen

Tap the Home button at the bottom of the screen.

To learn how to use the other features of Home screen, see Explore the Home Screen.

View a connected computer's screen (switch inputs)

Connect a computer to the appliance to present the computer's video output on the display.

To view a connected computer's screen

From the Home screen, tap **Inputs** .

To learn more about connecting a computer or guest laptop to the appliance, see *Connecting computers* on page 10.

Install apps

You can add apps from the Google Play store, including conferencing, educational, and productivity apps.

> **Note**
>
> The appliance must be signed in to a Google account before you can install an app from Google Play.

To install an app from Google Play

From the Home screen, tap **Apps** .

To learn more about installing apps, see Install apps.

Content and file management

You can open and save many types of files on the display, such as documents, PDFs, images, and videos.

To open Files Library

From the Home screen, tap **Files** .

To learn how to use the other features of Files Library, see Content and file management.

Using SMART Whiteboard

> **Note**
>
> The stamps and cubes that work with the 6000S series displays are not compatible with iQ system software 4.0 or later (for example, when viewing the input of an iQ enabled AM60 appliance installed in a 6000S display).

Use the SMART Whiteboard in iQ to create whiteboards and open, view, and interact with SMART Notebook lesson files.

To learn more about the SMART Whiteboard, see Use the whiteboard app.

Using Browser

You can use Browser to view web sites on the display.

To learn more about Browser, see Browse the internet.

Classroom tools

Classroom tools include classroom challenges to increase student engagement. Also included are a screen sharing app and tools for capturing a screen image, recording your screen as you present, and more.

To learn more about the available classroom tools, see Classroom tools.

Chapter 5 **Using non-iQ enabled AM60 appliances**

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This chapter provides information on using non-iQ enabled appliances.

Viewing the appliance's input

After installing and setting up the appliance, you can view the appliance's input on the display.

1. Open the display's input menu.

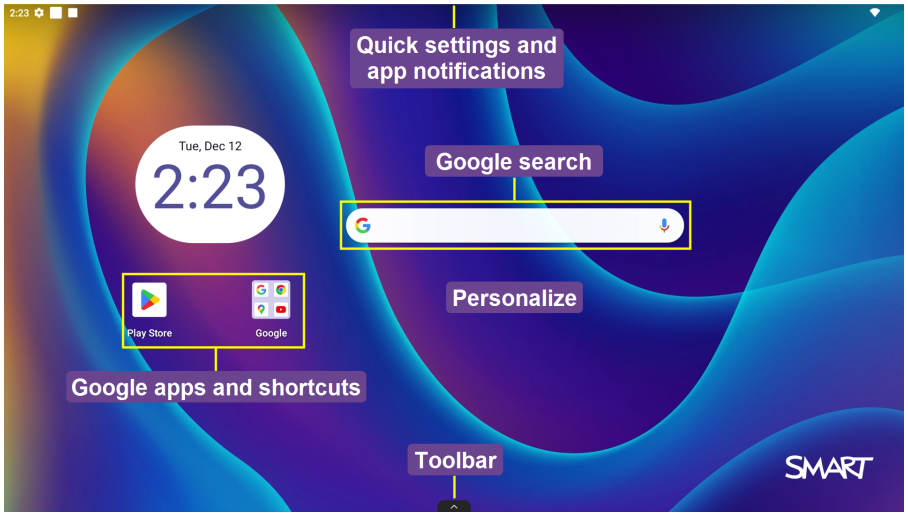
   > **Tip**
   >
   > See your display's support site pages for information on opening the input menu.

2. Select the appliance input source.

Navigating the appliance'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 appliance's Home screen features a number of on-screen menus and controls.



Quick Settings and app notifications

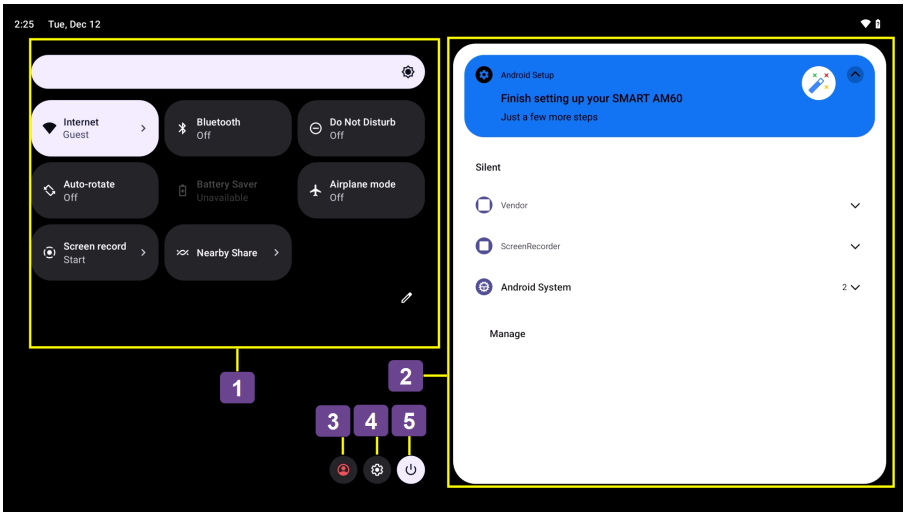
You can find and change your settings from any screen on the appliance with Quick Settings. To get to the settings you change often, you can add them to Quick Settings.

You can also see notifications for the apps currently running.

To open Quick Settings and app notifications

Swipe down from the top of the screen.

> **Tips**
>
> - As you add more quick settings, swipe up or down to view all settings.
> - To see more information about a notification, keep tapping ⌄.



No.	Description	Notes

1	Access settings you change often.	**Turning settings on or off**
		• To turn a setting on or off, tap it. Dimmed settings are off.
		• To get more options for a setting, press and hold it.
		
		Add, remove, or move a setting
		
		1. **Swipe down from the top of the screen.**
		2. At the bottom-right, tap .
		3. Press and hold the setting.
		4. Drag the setting to where you want it.
		  ◦ To add a setting, drag it up from *Hold and drag to add tiles*.
		  ◦ To remove a setting, drag it down to *Drag here to remove*.

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.	**To clear notifications** **To clear all notifications, scroll to the bottom of the notifications list and tap Clear all.** **To turn notifications on or off for an individual app** **Option 1: In Settings** 1. **Open Settings.** 2. Tap **Notifications** > **App settings**. 3. Under *Most recent*, find apps with recent notifications. > **Note** > To find more apps, tap **All apps** in the drop-down menu. 4. Tap the app. 5. Turn the app's notifications on or off. You can turn off all notifications for an app or select specific notifications. **Option 2: On a specific notification** 1. **Swipe down from the top of the screen.** 2. Press and hold a notification, then tap ⚙. 3. Choose a notification option to change. ◦ Turn certain notifications on or off. ◦ To allow notification dots, turn on **Allow notification dot**. Turning on this option enables some apps to show a dot when you get a notification. **Option 3: In specific apps** **Some apps feature options for configuring the app's notifications.**

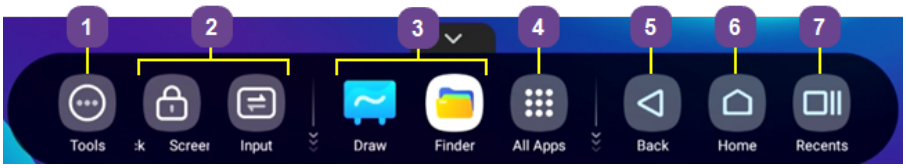
No.	Description	Notes
3	Change a user or add a new user	You can create multiple user profiles so you can share use of the appliance with other people. Each user profile has a personal space on the appliance for custom Home screens, accounts, apps, settings, and more. If you are already signed in to your user account, you can change your user settings. **To select a user** 1. Tap . 2. Select a user. 3. Choose to continue a previous session or start a new session. **To add additional users** **Tip** **If the options to another user don't appear, go to Settings > System > Multiple users and enable Allow multiple users.** 1. Tap . 2. Tap **User settings**. 3. Tap **Add user** or **Add guest**. 4. 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 59
4	Settings	Access the appliances settings, where you can configure network and internet connections, installed apps (including notifications), sound and display settings, change the wallpaper, and more. **To open Settings** To open Settings, tap .

No.	Description	Notes
5	Power	Turn off or restart the appliance. **To turn off or restart the appliance** 1. Tap . 2. Choose a power option: ◦ To turn off the appliance, tap **Power off**. ◦ To restart the appliance, tap **Restart**.

Toolbar

From the Toolbar, you can access the appliance's controls, apps, and widgets menus (including favorites).

To open the **Toolbar**, tap the Toolbar menu button at the bottom of the screen.



No.	Command	Function	Notes
1	Tools	In the Tools menu, you can access appliance's full suite of tools (Timer, Crop, Stopwatch, Freeze, and other tools).	See › *Using tools on the appliance* on page 46
2	Favorite tools	If you use a tool regularly, you can pin it to the Toolbar menu to make it easy to find from the Home screen.	See › *Favorite tools* on the next page
3	Draw and Finder app shortcuts	[N/A]	See › *Using Draw* on page 39 See › *Using Finder* on page 36

No.	Command	Function	Notes
4	All Apps	In the All Apps menu, you can access a suite of apps installed on the appliance (including the appliance's settings). **Note** You can also swipe up from the bottom of the screen to show the app drawer, featuring all apps installed on the appliance.	N/A
5	Back	Return to the previous screen in the appliance's Android system.	N/A
6	Home	Open the Home screen.	N/A
7	Recents	Shows a preview tile of each running app.	See › *Find, open, and close apps* on page 64

Favorite tools

You can pin up to four of your favorite tools to the Toolbar to make them easier to find from the Home screen.

To pin a tool to the Toolbar

1. **Open the Toolbar.**

   See › *Toolbar* on the previous page.

2. Tap the **Tools** icon to open the Tools menu.
3. Tap **Edit** or press and hold on any tool icon until the **+** and **–** symbols appear next to the tools icons.
4. Tap **+** or press and drag a tool to pin it to the Toolbar.

   You can pin up to four tools to the Toolbar.

To remove a tool from the Toolbar

1. **Open the Toolbar.**
2. Tap the **Tools** icon to open the Tools menu.
3. Tap **Edit** or press and hold any tool's icon until the **+** and **–** symbols appear next to it.

4. Tap **–** or drag a widget back to the tools menu.

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

Personalize

You can change the Home screen's background to personalize the appliance. 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*.

   See › *Managing wallpaper settings* on page 73

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™, 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.

Google apps and shortcuts

See › *Downloading and managing apps* on page 61

Google search

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

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.

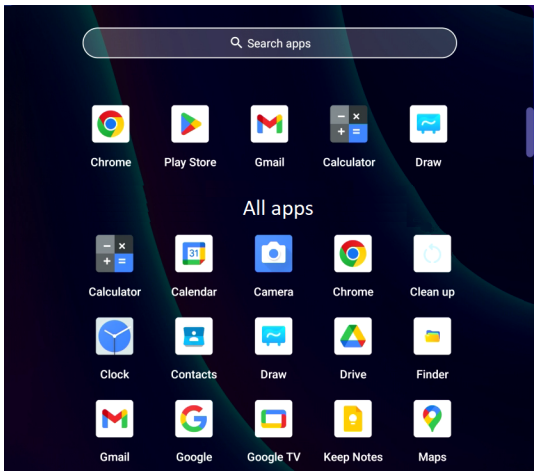
> **Tip**
>
> To move a shortcut on the Home screen, press and hold the shortcut, then drag it to a new location.

To add an application shortcut

1. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

   See › *Toolbar* on page 31

2. Tap the **All Apps** icon .



The All Apps menu appears.

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

To add a web page shortcut

1. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

   See › *Toolbar* on page 31

2. Tap the **All Apps** icon .

3. **Search for and open the Google Chrome browser, then browse to a web page.**
4. At the top right, tap the Menu icon.

   The options menu appears.

5. Tap **Add to home screen**, type a name for the shortcut, and tap **Add**.

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

6. Tap **ADD TO HOME SCREEN**.

   The web page shortcut is added to the Home screen.

To add a file shortcut

1. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

   See › *Toolbar* on page 31

2. Tap the **All Apps** icon .

3. **Search for and open Finder.**
4. Tap a file to select it, tap **Send** in the bottom menu, and then tap **Shortcut**.

   A dialog prompts for confirmation to add the shortcut to the Home screen.
5. Tap **ADD TO HOME SCREEN**.

   The file shortcut is 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.

Using Finder

Use the Finder to access files on the appliance or on a USB drive connected to the appliance or the display.

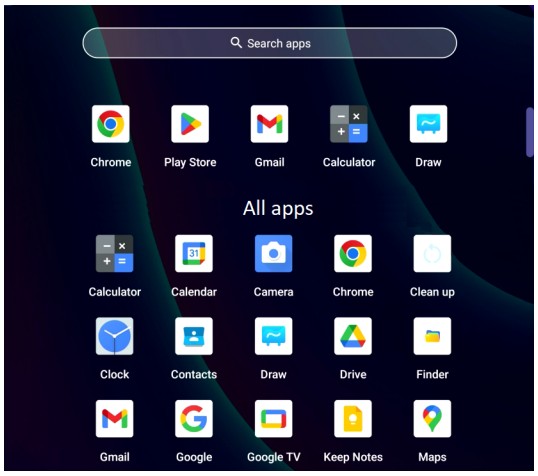
Opening, viewing, or deleting a file

To open Finder

1. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

   See › *Toolbar* on page 31

2. Tap the **All Apps** icon .



The All Apps menu appears.

3. Search for and tap the **Finder** icon .

Finder opens.

To view a file

In Finder, browse to the folder that contains the file and double-tap it.

> **Tip**
>
> To sort files by name, date, or size, tap a file category > **More** > **Sort by**.

The file opens in the appropriate application.

To stop viewing a file

Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen, and tap **Home** icon .

See > *Toolbar* on page 31

To delete files

In Finder, browse to the folder that contains the file, tap the file, and then tap **Delete** > **OK**.

The file is moved to Trash.

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

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

1. **Connect a USB drive to the display's connector panel or the appliance's connector panel.**
2. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

   See › *Toolbar* on page 31
3. Tap the **All Apps** icon .
4. Search for and tap the **Finder** icon to open Finder.
5. Tap the name of the connected USB Drive.
6. Browse to the files you want to move or copy.
7. Tap a file to select it.

   OR

   Tap **Select** to select multiple files. A check box appears next to the selected files.
8. Tap **Cut** or **Copy** in the bottom menu.

   > **Note**
   >
   > Cut removes the file from the USB drive, whereas Copy leaves the file on the USB drive.
9. Tap **Local files**.
10. Browse to the folder you want to move or copy the file to.
11. Double-tap the folder to open it.
12. Tap **Paste**.

    The file is copied or moved to the appliance.

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

1. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

   See › *Toolbar* on page 31
2. Tap the **All Apps** icon .
3. Search for and tap the **Finder** icon to open Finder.

4. Tap **Local files**.
5. Browse to the files you want to move or copy.
6. Tap a file to select it.

   OR

   Tap **Select** to select multiple files. A check box appears next to the selected files.
7. Tap **Cut** or **Copy** in the bottom menu.

   > **Note**
   >
   > Cut removes the file from the USB drive, whereas Copy leaves the file on the USB drive.
8. Tap the name of a USB Drive connected to the display's connector panel or the appliance's connector panel.
9. Browse to the folder you want to move or copy the file to.
10. Double-tap the folder to open it.
11. Tap **Paste**.

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

Using Draw

Use the Draw app to create, save, and manage whiteboard sessions. You can view and erase notes, open a saved note, and save your notes to the appliance or a USB drive. You can also email a copy of your notes.

Draw tools and controls

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

Tool	Icon	Description
Menu tools Tap the **Menu** icon in the lower left corner to open the tools menu.		
New		Start a new whiteboard.
Open		Open a whiteboard saved on the appliance or from a USB drive.

Tool	Icon	Description
Save		Save a new whiteboard file to the appliance or to a USB drive. Saves all pages into one whiteboard file in .enb format. Saving the current whiteboard file replaces previously saved versions.
Save As		Rename the current whiteboard and save it without overwriting a previously saved version.
Import		Import a file from a USB drive onto the whiteboard page. Supported file formats are .img, .pdf, .svg, and .iwb.
Export		Export all the whiteboard pages into sequentially numbered .png files or as a single .pdf file. Supported file formats are .img, .pdf, .svg, and .iwb.
Theme		Add templates, grids, preset lines, or a background image to the whiteboard, or change the background's color.
Settings		Access options for configuring the eraser mode, enabling multi-finger writing, enabling the display brightness to adjust automatically when writing, and customizing the toolbar.
Other controls		
Menu		Access a menu of tools for saving and sharing whiteboard sessions.
Exit		Exits the Draw app.
List		Shows a list of saved whiteboard files. You can also create a new whiteboard session.
Navigation tools		
Add a page		Add a new page to the whiteboard session.
Next		Advance to the next page.
Previous		Return to the previous page.
Page number	1/1	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 Draw app has several tools for drawing and erasing in whiteboard sessions.

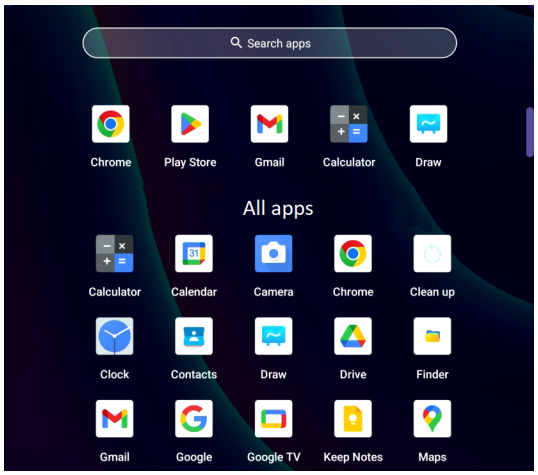
Tool	Icon	Description
Select		Select objects and manipulate them by moving, rotating, resizing, copying, or deleting them. Options are also available for adding color to an object, converting objects to text, changing an object's orientation, arranging the order of objects, copying or deleting an object, and more. Select images to enable cropping, changing a picture's orientation, arranging the order of pictures, copying pictures, deleting pictures, or converting to .svg file format.
Pen		Tap the Pen tool to select it, then tap again to change its color. You can select a different color and style for each end of the pen. You can use a pen or finger to write or draw on the whiteboard. **Notes** • Dual-pen writing is supported when multi-finger writing is enabled in settings, allowing users to write with different colors or pen styles at the same time in partition mode. See › *Settings* on the previous page • When the Pen tool is selected, a finger acts as the pen's thick nib.
Eraser		Use the Eraser tool to erase digital ink and objects on a whiteboard. You can use a pen or finger to erase ink. Tap the Eraser to select it, then tap again to show the slider. Drag the slider to change the eraser size. From the Menu, tap **Settings** to change the eraser mode.
Clear all		Delete all the current whiteboard page's contents with one touch. Tap **Clean All** only when you are sure you want to clear the board: you won't be prompted to confirm this selection before the board is cleared. This feature also clears any objects you've added (except for rulers).
Undo		Reverse the effect of the last action.
Redo		Reinstate the last action reversed with the Undo command.

Starting a new whiteboard

1. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

   See › *Toolbar* on page 31

2. Tap the **All Apps** icon .

   The All Apps menu appears.

3. Tap the **Draw** icon .

   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 .
2. Tap the **Theme** icon .

3. Tap **Template** and select a background from the templates provided.

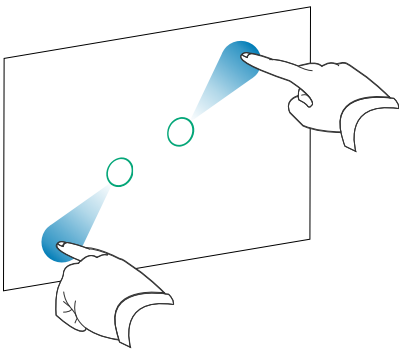
   OR

   Tap **Background** and change the whiteboard's background color or upload an image to the background.

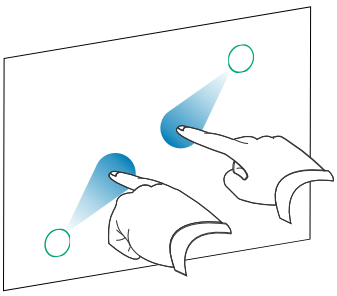
   > **Notes**
   >
   > - The whiteboard will save the image background for later use. Delete unused images by tapping the Trash icon in the corner of the image.
   > - When adding a new page, the background theme of the current page applies to the new page.

Navigating in the whiteboard

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 session.

1. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

   See › *Toolbar* on page 31

2. Tap the **All Apps** icon .
3. Tap the **Draw** icon .

   A new whiteboard appears.
4. Tap the **Menu** icon .
5. Tap the **Open** icon .

   The *Storage* dialog appears.
6. Browse to and tap the whiteboard you want to open.

   You can open a file from the appliance or a USB drive.
7. Tap **OK**.

Saving a whiteboard

To save a new whiteboard

1. Tap the **Save** icon .

   The *Storage* dialog appears.
2. Browse to where you want to save the new file.

   > **Notes**
   >
   > - You can save a file to the appliance or a USB drive.
   > - The Whiteboard pages are saved as an .enb file. To convert the file into a different format, tap **Export**.

   The *Save all pages* dialog appears.
3. Type a name for the file in the *File name* box.
4. Tap **OK**.

To save an existing whiteboard

Tap the **Save** icon .

To save an existing whiteboard with a new name or location

1. Tap the **Save As** icon .

   The *Storage* dialog appears.

2. Browse to where you want to save the new file.

   > **Notes**
   >
   > - You can save a file to the appliance or a USB drive.
   > - The Whiteboard pages are saved as an .enb file. To convert the file into a different format, tap **Export**.

   The *Save all pages* dialog appears.

3. Type a name for the file in the **File name** box.
4. Tap **OK**.

Importing or exporting a whiteboard

You can import or export a whiteboard.

To import a whiteboard

1. Tap the **Menu** icon
2. Tap the **Import** icon .
3. Select the file type you want to import (supported formats are img, .pdf, .svg, and .iwb).
4. Browse to and select the file.

   You can open a file from the appliance or a USB drive.

5. Tap **OK**

   > **Note**
   >
   > The imported file is added to the existing whiteboard file as an image.

To export a whiteboard

1. Tap the **Menu** icon .
2. Tap the **Export** icon .
3. Select the file type for the export (supported formats are .img, .pdf, .svg, and .iwb).
4. Browse to where you want to save the file.

   You can save a file to the appliance or a USB drive.

   > **Note**

> You can rename a file by tapping the name and using the on-screen keyboard.

5. Tap **OK**.

Changing whiteboard settings

In whiteboard settings, you can change the eraser mode, enable multi-finger writing or automatic brightness, customize the toolbar, 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 tools on the appliance

To open the tools menu, open the **Toolbar** menu and tap the **Tools** icon .

See › *Toolbar* on page 31

You can also pin the tools you use regularly to the Toolbar.

See › *Favorite tools* on page 32

> **Note**
>
> Tools always appear on top of other open windows, programs, and connected devices.

The tools menu features the following tools and controls:

Icon	Tool	Function	For more information
	Input	Select an input and adjust brightness and volume. You can also access advanced options for configuring input settings.	See › *Input* on the next page
	Timer	Start a countdown timer.	See › *Using the Timer tool* on the next page
	Freeze	Freeze and zoom the current image on the screen.	See › *Using the Freeze tool* on page 49

Icon	Tool	Function	For more information
	Stopwatch	Start a stopwatch that counts up from zero for measuring elapsed time.	See › *Using Stopwatch* on page 50
	Spotlight	Use the Spotlight tool during a presentation to draw attention to an area of the screen.	See › *Using the Spotlight tool* on page 52
	Overlay	Write on an overlay on top of any app, video, website, document, or image, including input from a connected computer.	See › *Using the Overlay tool* on page 53
	Crop	Get 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 Crop tool* on page 54
	PIP	Use the picture-in-picture (PIP) tool to show a different input in a smaller floating window while using other apps on the display.	See › *Using the PIP tool* on page 56
	Display center	Freeze and zoom the current image on the screen.	See › *Using the Display center tool* on page 58
	Screen lock	Lock the screen.	See › *Using Screen lock* on page 59

Input

Select an input and adjust brightness and volume. You can also access advanced options for audio, screen, display, and image adjustment.

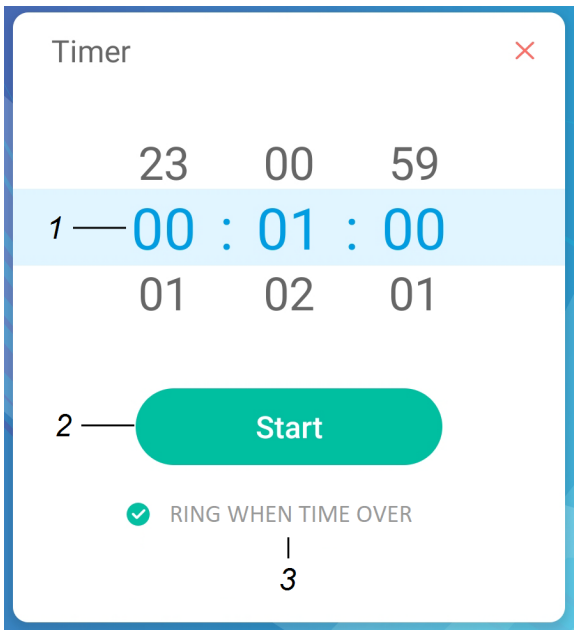
See › *Adjusting Input settings* on page 68

Using the Timer tool

Use the Timer tool to display a countdown timer on the screen.

To use the Timer tool

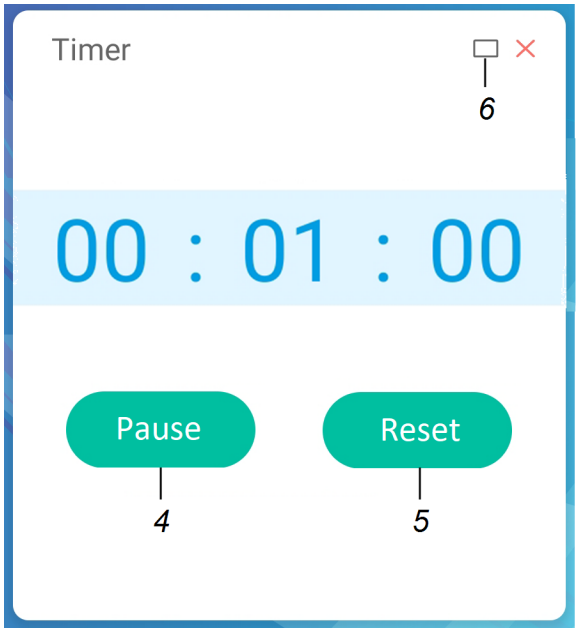
1. Tap the **Timer** icon to open the Timer tool:



No.	Tool
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.
3	(Optional) Enable the **RING WHEN OVER** option to add an audible ring tone that sounds when the timer ends.

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

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



No.	Tool
4	Pause the countdown timer.
5	Reset the countdown timer.
6	Make the countdown timer full screen. Tap again to return to normal size. Tap the screen anywhere other than the timer to make the timer a moveable floating window.

To close the Timer widget

Tap the **Close** icon ✕.

Using the Freeze tool

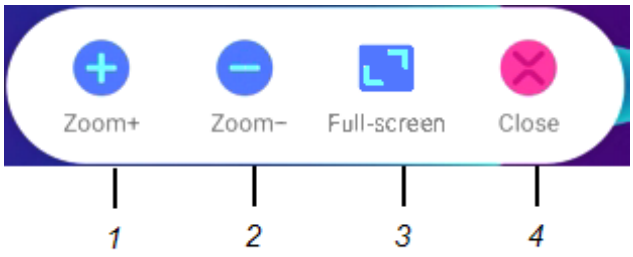
You can use the Freeze tool to temporarily freeze the screen.

> **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 tool

1. Tap the **Freeze** icon .

   The Freeze tool appears and the screen is temporarily frozen:



No.	Tool
1	Zoom into the current screen. **Tip** You can also use pinch-to-zoom finger gestures to zoom in or out.
2	Zoom out from the current screen.
3	Return to the default screen size.
4	Close the Freeze widget.

2. Press and drag the frozen image to move it on the screen, and use the zoom controls to focus on a specific detail.

To close the Freeze tool

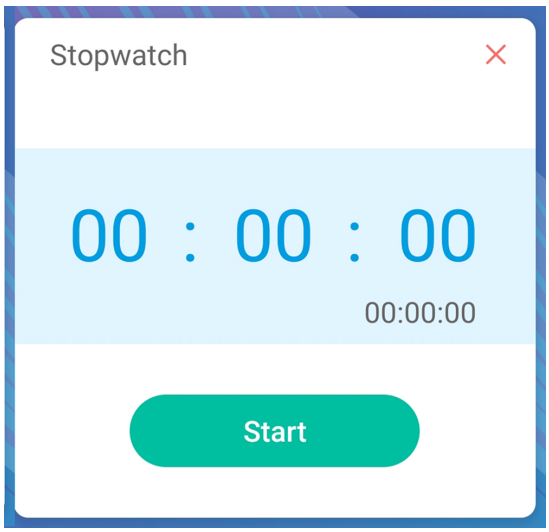
Tap the **Close** icon .

Using Stopwatch

Use the Stopwatch tool to count up from zero and measure elapsed time.

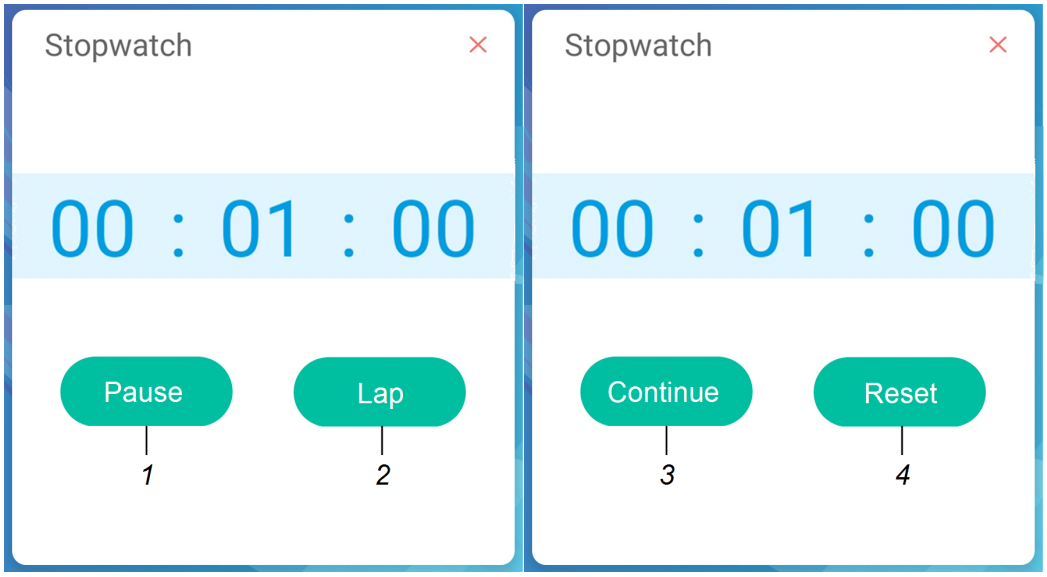
To use the Stopwatch tool

1. Tap the **Stopwatch** icon to open the Stopwatch tool:



2. Tap **Start** to start the stopwatch.

   These images and table describe the options available after the stopwatch has started:



No.	Tool
1	Pause the stopwatch.
2	Record the current time and display it in a list of other times you've recorded.
3	Resume the stopwatch after pausing.
4	Reset the stopwatch to zero.

> **Tip**
>
> You can turn the Stopwatch tool into a moveable floating menu by tapping a different part of the screen.

To close the Stopwatch tool

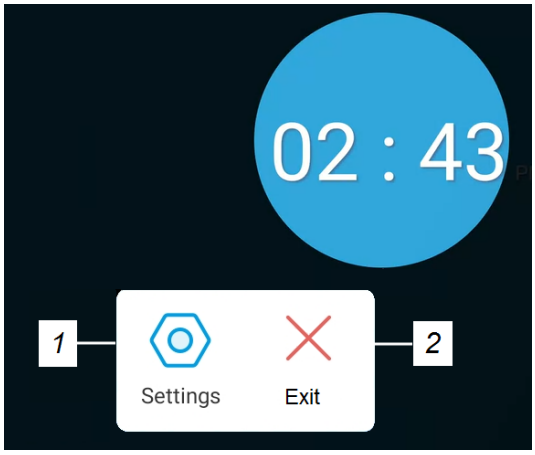
Tap the **Exit** icon ✕.

Using the Spotlight tool

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

To use the Spotlight tool

1. Tap the **Spotlight** icon to activate the Spotlight tool:



No.	Tool
1	Open Settings for controls that change the spotlight's size and 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 tool

Tap the **Exit** icon ✕.

Using the Overlay tool

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

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 .png format.
4. When you're done, tap the **Close** icon to exit the overlay.

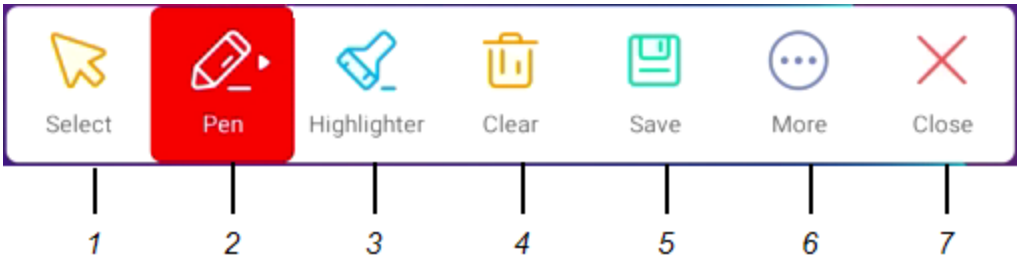
To erase ink on an overlay

Erase ink by moving your fist or palm over the digital ink.

OR

Tap the **Clean** icon and erase all the ink.

Overlay tools and controls



No.	Tool
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. Options are available for pen size and color.

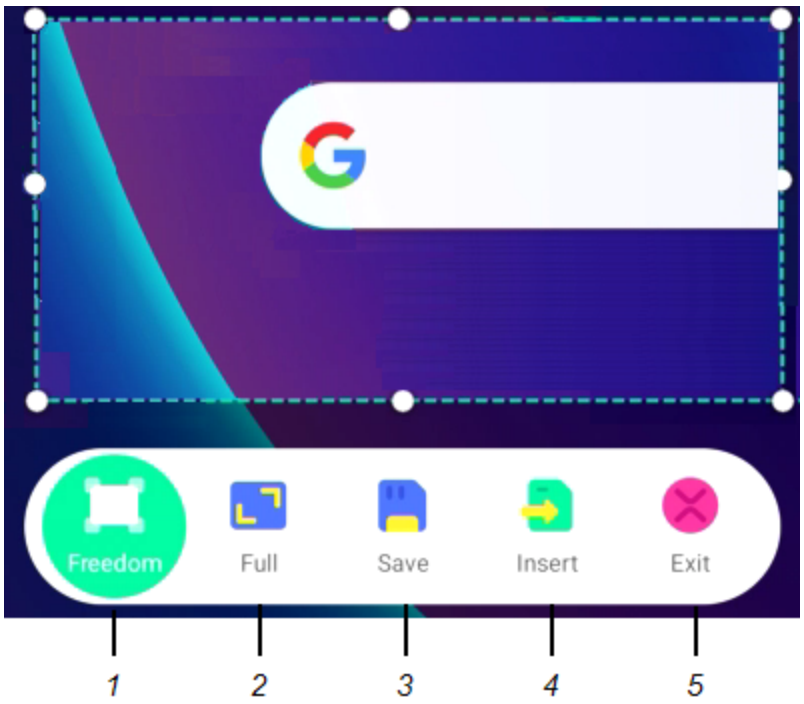
No.	Tool
3	Highlighter tool. When the Highlighter tool is active, your touch draws transparent digital ink on the overlay. Options are available for pen size and color.
4	Erase all digital ink on the overlay.
5	Save the current overlay.
6	Open File manager, insert an image, and access cloud storage.
7	Remove the overlay and close the Overlay widget.

Using the Crop tool

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

To use the Crop tool

1. Tap the **Crop** icon to open the Crop tool:



No.	Tool
1	Capture window resize handles.
2	Select a resizable rectangular window.
3	Select the entire screen.
4	Save the selected window or screen.
5	Insert the selected window or screen into a new whiteboard.
6	Close the Screen Capture widget

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

   The captured image is saved on the display to the default folder.
4. Tap **Finish** to continue working on the display, or **Open** to see the saved image in the destination folder.

5. If you've opened the destination folder, you can move or copy the file to a USB drive (see *Using Finder* on page 36).

   OR

   Tap the **Insert** icon to insert the selected window or screen into a new whiteboard.

To close the Crop tool

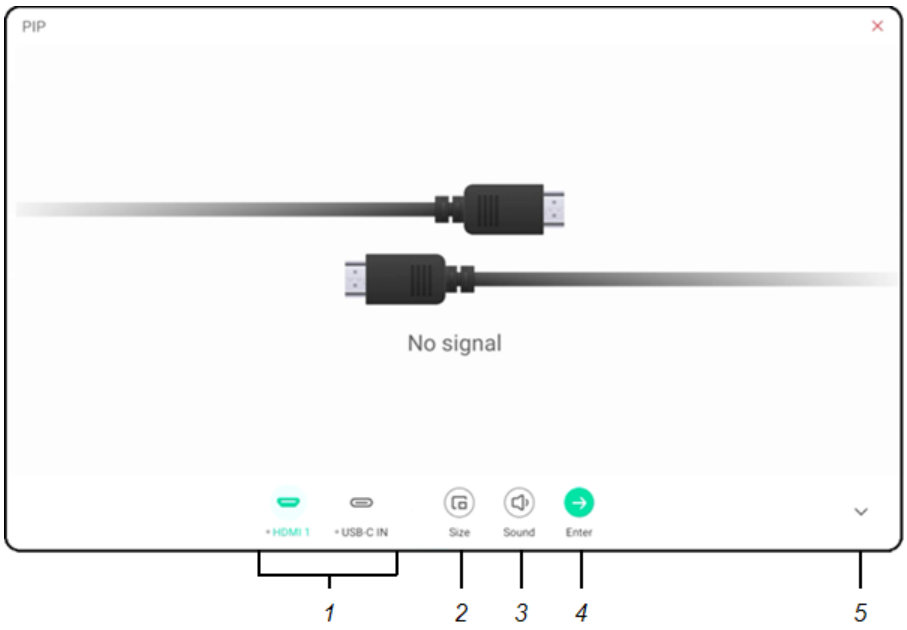
Tap the **Close** icon .

Using the PIP tool

The picture-in-picture (PIP) tool 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 to open the PIP tool:



No.	Tool
1	Select an input.
2	Choose a size for the floating window (small, medium, or large).
3	Increase, decrease, or mute the input volume.
4	Display the input in full screen.
5	Hide the menu items.
6	Close the PIP tool.

2. Tap an input to show 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 the input with touch, directly within the PIP window.

To close the PIP tool

Tap the **Close** icon .

Using the Display center tool

Use the Display center tool to configure how the appliance's desktop will display when you connect to an external display. This is useful when you're using the display in an auditorium or other large space where it would be beneficial to have a second display.

To use the Display center tool

1. **Connect the appliance to a secondary display.**

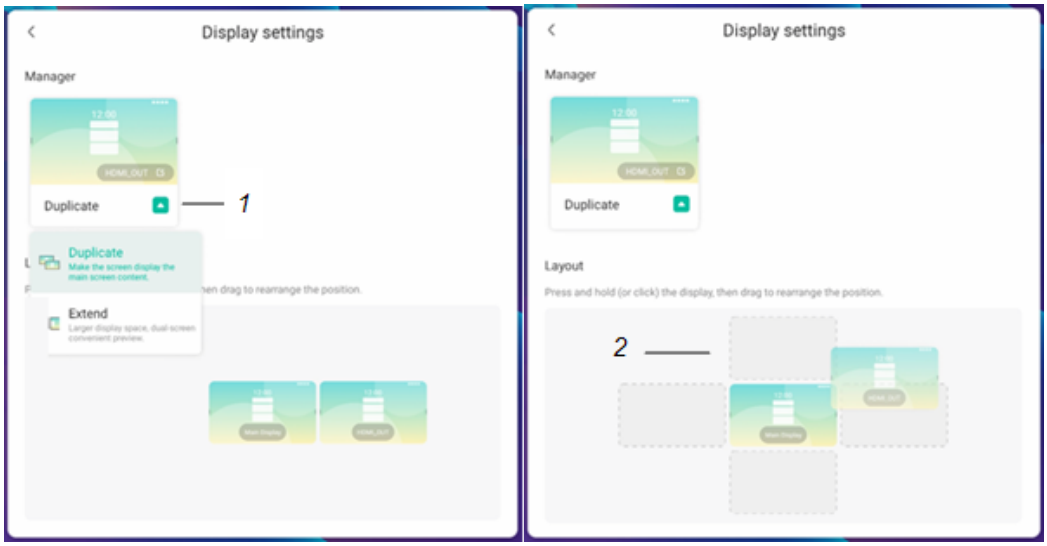
   See › *Connecting external displays* on page 16

2. Tap the **Display Center** icon .

   The Display Center tool opens:

3. Tap the **Display settings** icon .

   These images and table describe the options available in *Display settings*:



No.	Tool
1	Open the drop-down menu and choose to duplicate or extend the appliance's desktop to the external display.
2	Press and hold the display image and then drag it to a new position.

Using Screen lock

Use the Screen lock feature to secure the display's screen. When Screen lock is enabled, you can unlock the screen by swiping or by entering a PIN, pattern, or password.

> **Note**
>
> You can create a Screen lock passcode during the appliance's initial set up. You can also configure the Screen lock feature in appliance settings.
>
> See › *Managing security settings* on page 73

To lock the screen

Tap the **Screen lock** icon .

The screen is now locked, and you can unlock it by swiping up from the bottom of the screen and entering the Screen lock passcode.

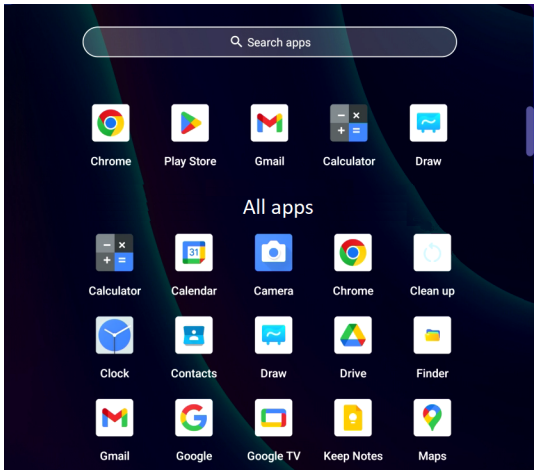
Using split screen

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

To use split screen

1. Open the first app you want to appear in split screen.
2. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

   See › *Toolbar* on page 31
3. Tap the **All Apps** icon .



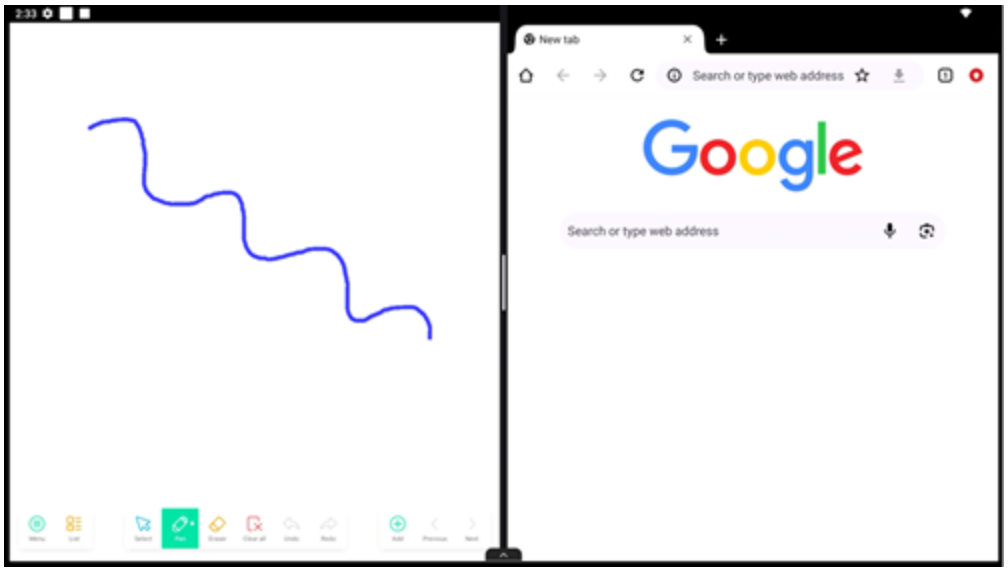
   The All Apps menu appears.
4. Press and hold an app you want to view in split screen mode with the app that's already open.

   > **Tip**
   >
   > You can swipe up or down to scroll through the available apps.

   The menu options for managing and using the app appear.
5. Tap either the left or right split screen option to select which side of the screen the app appears on.

   The app appears to the left or right of the app that's already open.

6. Drag the divider left or right to adjust the size of each app.



To close split screen

Drag the divider all the way to left or right side of the screen.

Downloading and managing apps

Sign in to your Google account

To download apps from the Google Play™ 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

Enter your Google account credentials during the appliance's initial set up.

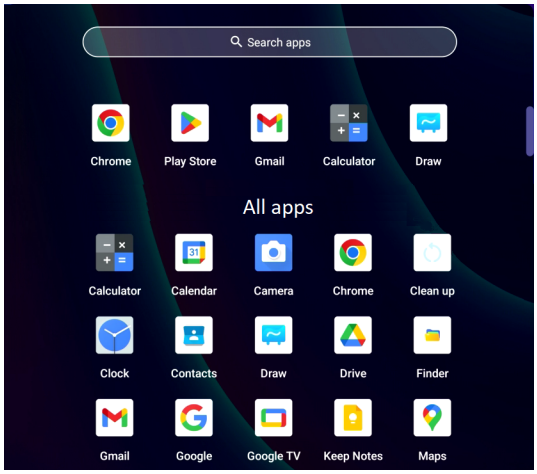
See › *Turning on the appliance for the first time* on page 9

OR

Complete the following steps:

a. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

b. Tap the **All Apps** icon .



The All Apps menu appears.

c. Tap **Settings** > **Google** > **Sign in to your Google Account** and enter your account credentials

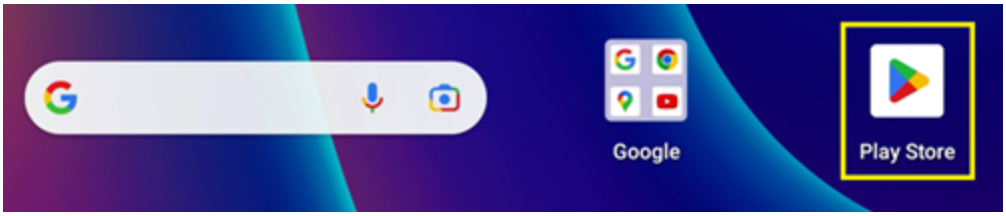
Tip

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

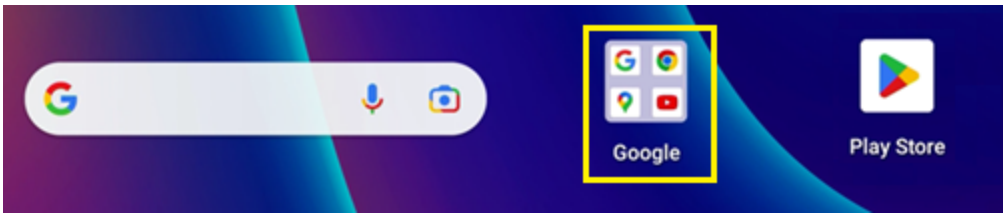
See › *Using Screen lock* on page 59

Download apps

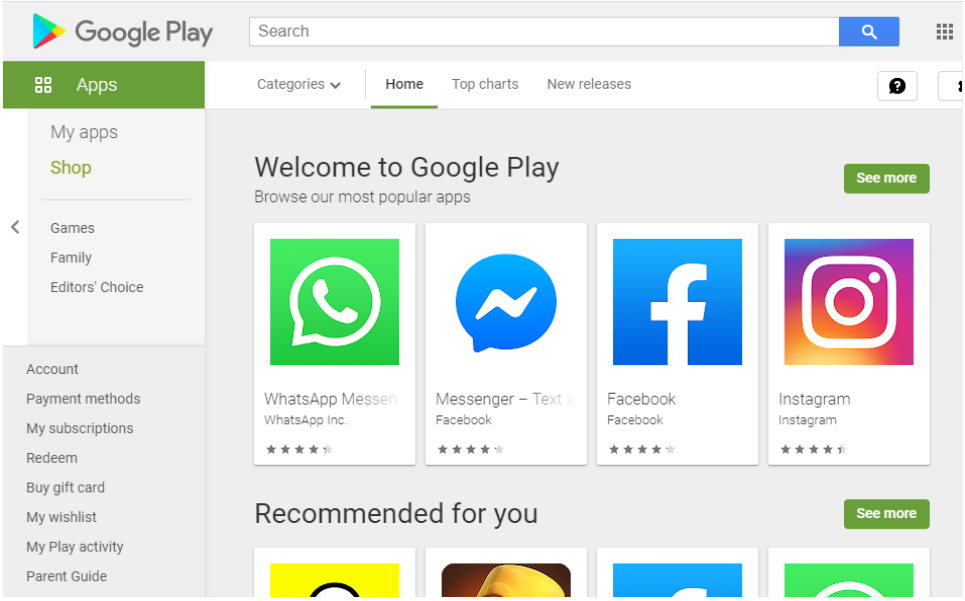
Go to the Google Play store to download commonly used apps. Begin by tapping the Google Play store icon on the desktop (enter your Google account credentials if prompted):



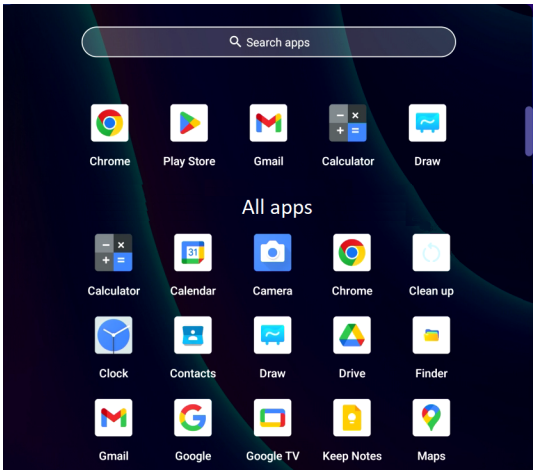
If the Google Play store icon doesn't appear on the desktop, tap the Google apps folder and browse to the Google Play store icon.



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.



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 appliance's Home screen. All the apps installed on the appliance appear in the app drawer.

To find and open apps

1. Swipe up from the bottom-left or bottom-right corner of the screen to show the app drawer.
2. Tap the app you want to open.

To switch between recently used apps

1. Open the **Toolbar** by tapping the Toolbar menu button at the bottom of the screen.
2. Tap **Recents** to view tiles of the apps currently running on the appliance.
3. 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. Open the **Toolbar** by tapping the Toolbar menu button at the bottom of the screen.
2. Tap **Recents** to view tiles of the apps currently running on the appliance.

3. **Swipe side to side to find the apps you want to close.**
4. Press and hold an app, then swipe up to close it.

To close all open apps

1. Open the **Toolbar** by tapping the Toolbar menu button at the bottom of the screen.
2. Tap **Recents** to view tiles of the apps currently running on the appliance.
3. 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 appliance.

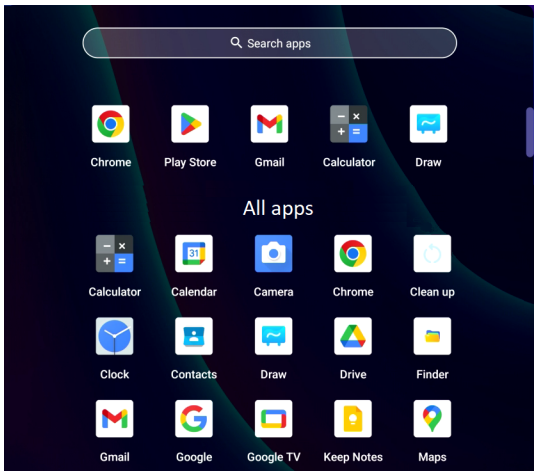
To download new apps

See › Download apps

To manage existing apps

1. Open the first app you want to appear in split screen.
2. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

   See › *Toolbar* on page 31
3. Tap the **All Apps** icon .



The All Apps menu appears.

4. Press and hold an app to open the menu options for managing and using that app.

> **Note**
>
> The options available for managing an app vary depending on the app you select.

Chapter 6 **Configuring non-iQ enabled AM60 appliances**

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Opening the Input settings menu 68
Exiting the Input settings menu 68
Source settings 68
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Opening the settings window 69
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Managing connected device settings 70
Configuring individual app permissions 70
Managing app notification settings 71
Accessing storage information 71
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Managing system settings 74
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This chapter includes information about configuring the AM60 appliance.

Adjusting Input settings

Opening the Input settings menu

1. Open the **Toolbar** by tapping the Toolbar menu button at the bottom of the screen.
2. Tap the **Input** icon.

   > **Tip**
   >
   > Tap the **Tools** icon to find the Input icon if it doesn't appear in the Favorites tools list in the Toolbar.
   >
   > See › *Toolbar* on page 31

   The General settings dialog appears.

Exiting the Input settings menu

Tap the **Home** button in the side toolbar menu.

Source settings

Option	Values	Function	Notes
▸ **General**			
• Select an input	Android HDMI 1 USB-C IN	Select a connected computer or other device's input to view on the display.	The dot beside the currently selected input (Android, HDMI1, or USB-C IN), is green rather than gray. The input name also appears in green text rather than gray when an input is connected. **Note** Disabled inputs do not appear in the list of available inputs.
• Volume	Range slider	Sets the appliance's output volume to the display.	N/A
▸ **Audio**			
• Volume	1 to 100	Sets the appliance's output volume to the display.	N/A
• Mute	On Off	Mutes the appliance's audio output to the display and the stereo 3.5 mm OUTconnector.	N/A

Configuring settings

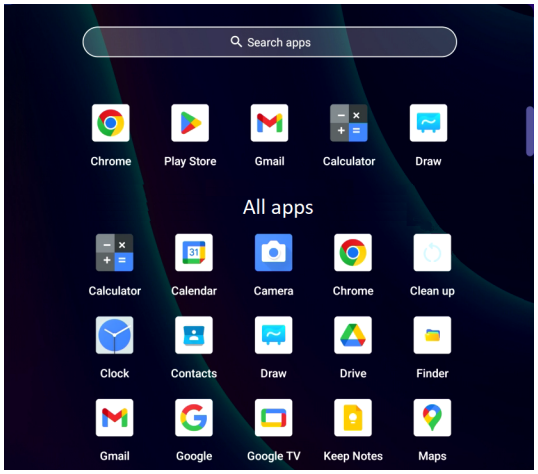
Use the Settings window to change settings for user accounts, appearance, and more.

Opening the settings window

1. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

   See › *Toolbar* on page 31

2. Tap the **All Apps** icon .



   The All Apps menu appears.

3. Tap the **Settings** icon .

Managing network and internet settings

Change network and internet settings, such as configuring the appliance's Ethernet and Wi-Fi settings. You can also configure the appliance's Bluetooth settings.

To manage network and internet settings

1. In the Settings window, tap **Network & internet**.
2. Select the setting you'd like to manage. Options available include:

Option	Description
Internet	Access options for connecting the appliance to a Wi-Fi network. When Wi-Fi is enabled, the appliance will scan and displays the names of available Wi-Fi networks. When the appliance is connected to a Wi-Fi network, appears in the upper-right corner of the appliance's Home screen.
Ethernet	Access options for connecting the appliance to an Ethernet network.
Hotspot & tethering	Configure hotspot and tethering options to enable internet access for other devices through the appliance's network connection.
VPN	Configure a virtual private network for the appliance.

Managing connected device settings

Change settings for connected devices, such as configuring a Bluetooth mouse, keyboard, sound bar, and more.

To manage connected device settings

1. In the Settings window, tap **Connected devices**.
2. Select the setting you'd like to manage. Options available include:

Option	Description
Pair new device	Connect a Bluetooth enabled device such as a mouse, keyboard, or headset.
See all	View a list of all previously paired Bluetooth devices.
Connection preferences	Configure different types of connections, such as Bluetooth, casting, and Android Beam.

Configuring individual app permissions

See which applications are installed, check their permissions and storage, and more.

To configure individual app permissions

1. In the Settings window, tap **Apps**.
2. Select the setting you'd like to manage. Options available include:

Option	Description
Recently opened apps	View a list of recently opened apps.
General	Assign a default internet browser, media player, and so on. View a list of unused apps and apps that require special access configuration.

Managing app notification settings

Change notification settings for certain apps or for general device notifications. Swipe down from the top of the screen to view notifications. Some notifications can also appear on your lock screen and home screen.

To manage notification settings

1. In the Settings window, tap **Notifications**.
2. Select the setting you'd like to manage. Options available include:

Option	Description
App settings	Control notifications from individual apps.
Notification history	Show recent and temporarily disabled notifications.
Device & app notifications	Control which apps and devices can respond to notifications.
Notifications on lock screen	Control which notifications can appear on the lock screen (including hiding all notifications).
Do Not Disturb	Choose to receive notifications from only certain apps or users.

Accessing storage information

See how much space is being used and how much is being devoted to categories such as apps, images, and videos.

To access storage information

1. In the Settings window, tap **Storage**.
2. The following file storage information is available:

Option	Description
Available storage total	View the current available storage capacity of the appliance's internal memory. If a microSD card is installed into the SD card slot on the appliance, depending on how the SD card was formatted, the additional storage capacity will be added to the appliance's internal storage or be listed as an additional storage option.
Storage manager	Enable the ability to automatically free up storage space in the appliance's memory.
Free up space	Go to the Files app to manage and free up storage space in the appliance's memory.
General storage information	View how much storage space in the appliance's memory is being devoted to categories such as apps, images, and videos.

Managing display settings

Change display settings, such as configuring screen brightness, themes, lock screen preferences, and timeout settings.

To manage display settings

1. In the Settings window, tap **Display**.
2. Select the setting you'd like to manage. Options available include:

Option	Description
Lock screen	Configure lock screen settings (including whether notifications are displayed when the lock screen is enabled and whether users can be added from the lock screen).
Screen timeout	Set the time before the lock screen appears (if enabled).
Dark theme	Enables a dark background for screen elements.
HDMI Out Format	Configure the output connector video resolution settings.
HDMI IN Format	Enable HDMI-CEC or HDMI-ARC functionality.
TYPEC OUT Format	Configure the output connector video resolution settings.
Screensaver	Enable a screensaver.
Display size and text	Change the display and font sizes.

Managing wallpaper settings

Change the wallpaper that appears in the background and when the lockscreen is enabled.

To manage wallpaper settings

1. In the Settings window, tap **Wallpaper**.
2. Select the setting you'd like to manage. Options available include:

Option	Description
Change wallpaper	Select the wallpaper that appears in the background and when the screen lock is enabled. Choose from included templates or download images and select them as wallpaper.
Dark theme	Enables screen elements to appear on a dark background rather than the default light screen.
Themed icons	Changes the appearance of Google app icons to have a monochrome appearance.

Managing security settings

Set up a screen lock to help secure your appliance. You can also view information about the appliance's security status, including whether the appliance's Android system software version is up to date.

To manage password and account settings

1. In the Settings window, tap **Security**.
2. Select the setting you'd like to manage:

Option	Description
Security status	Google Play Protect regularly checks your apps and the appliance for harmful behavior. You'll be notified if any security risks are found. Also, you can view details of when the Android system software (including security enhancements) was last updated.
Device security	Set up a screen lock to help secure the appliance from unauthorized access. Each time you turn on the appliance or wake up the screen, you'll be asked to unlock the appliance, with a swipe, PIN, pattern, or password.

Managing password and account settings

Change password and account settings, such as saved passwords, autofill services, and synced accounts.

To manage password and account settings

1. In the Settings window, tap **Passwords & accounts**.
2. Select the setting you'd like to manage. Options available include:

Option	Description
Passwords	Manage passwords for online and cloud storage accounts.
Autofill service	Enable the appliance to remember account credentials (for Google, email accounts, and so on).
Accounts for Owner	Manage or add user accounts added to the appliance.
Add account	Add an account to the appliance to access your email, contacts, and calendar, and to get apps from the Google Play Store.
Automatically sync app data	Enable apps to refresh their data automatically.

Managing system settings

Apply updates to the appliance's software and the appliance's Android system software. Change system settings, such as the appliance's interface language, individual app languages, and more.

To manage system settings

1. In the Settings window, tap **System**.
2. Select the setting you'd like to manage. Options available include:

Option	Description
System update	Check for and apply updates to the Android system software.
Software update	Check for and apply updates to the appliance's software.
Language & input	Set the appliance's interface language.
App Languages	Set individual app languages.
Keyboards	Set the onscreen keyboard language.

Accessing information about the appliance

See information about the appliance, such as the device name, the current Android version, network and hardware information, and more.

To access information about the appliance

1. In the Settings window, tap **About**.
2. The following information about the appliance is available:

Option	Description
Device name	Shows the appliance's name. **Note** Knowing the appliance's device name helps when you connect the appliance to Wi-Fi, Bluetooth, or other networks.
Legal and regulatory	Shows legal and regulatory information about the appliance.
Model	Shows the appliance's model number.
Android version	Shows the current version of the appliance's Android operating system.
IP address	Shows the appliance's assigned network address.
Wi-Fi MAC address	Shows the MAC address of the appliance's Wi-Fi adapter.
Bluetooth address	Shows the appliance's unique identifier as a Bluetooth device.
Uptime	Shows the running time of the appliance since it was restarted.
Build number	Shows build information for the current version of the appliance's system firmware.
Version	Shows the current operating system software version.

Chapter 7 **Updating an iQ enabled AM60 appliance software**

SMART periodically releases updates to iQ system software. You can control how the iQ system software on an iQ enabled AM60 SMART appliance is downloaded and applied.

See › support.smarttech.com/docs/iq4updates

Chapter 8 **Updating a non-iQ enabled appliance software**

Applying a software update 78
Updating appliance software manually 79

The appliance checks for software updates automatically when its turned on, provided the display is connected to the internet and the *Disable Software update* setting is disabled. To check, go to **Settings** > **System** > **Software update**.

A notification appears on the appliance's Home screen when a software update is available.

> **Important**
>
> - The following information describes how to update the appliance's software and not the appliance's Android system software. To ensure your appliance has the latest Android system software (including security updates) go to **Settings** > **System** > **System update**.
> - Make sure the network is configured properly for software updates.

Applying a software update

To apply a software update

1. After turning on the display and selecting the appliance's input source, a dialog box may appear on the screen asking if you want to update the appliance's software.
2. Tap **Update** to update the appliance's software.

   > **Note**
   >
   > The appliance may restart a number of times when a software update is applied.

   OR

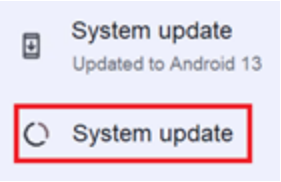
   Tap **Not now** to update the software later.

To apply a software update from settings

1. Turn on the display.
2. Open the display's input menu and select the appliance's input source.

   The appliance's Home screen appears.
3. Open the Toolbar by tapping the Toolbar menu button at the bottom of the screen.

   See › *Toolbar* on page 31
4. Tap the **All Apps** icon › **Settings** icon .
5. Browse to **System** > **System update** > **Check for update**.



6. If an update is available and you'd like to apply it, tap **Update**. The appliance applies the software update automatically after a short time.

Updating appliance software manually

You can download appliance software updates and update the appliance's software manually using a USB drive.

See › smarttech.com/downloads

> **Note**
>
> Instructions for downloading and installing appliance software updates are provided on the software downloads page.

Chapter 9 **Troubleshooting**

Troubleshooting information for a variety of issues with the appliance is available on the appliance's support site.

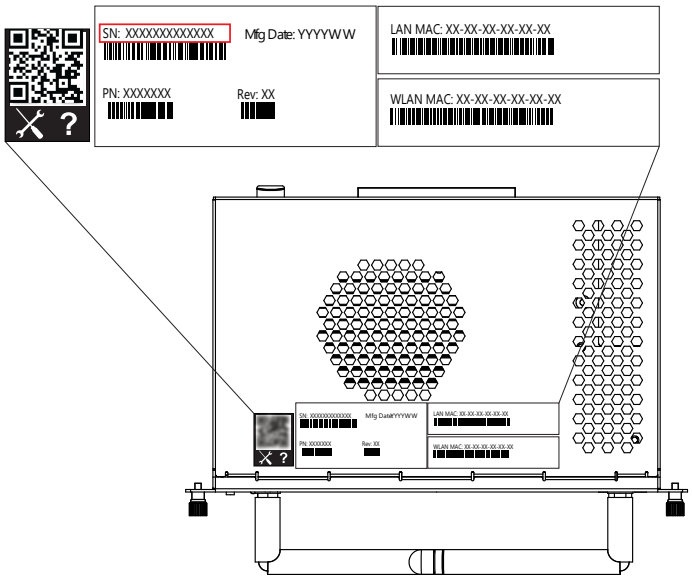
See › Troubleshooting

Chapter 10 **Getting support and finding serial numbers**

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

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

- The serial number for the AM60 appliance is located on the top side of the module (the side with the vent holes).
- The serial number is found on the sticker, after *SN*.



> **Note**
>
> You will need to remove the appliance from the display to find the serial number on the label.
>
> See › *SMART* AM60 *appliance illustrated installation instructions* (docs.smarttech.com/kb/171908)

Certification and compliance

For Certification purposes, the AM60 appliance is certified as Model CM-6.

Federal Communication Commission interference statement

FCC
Suppliers Declaration of Conformity
Unique Identifier: CM-6
Responsible Party – US Contact Information
SMART Technologies (Seattle) Inc.
11100 NE 8th St., Suite 210
Bellevue, WA 98004
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
2. 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

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

⚠ **Caution**

i. 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-to-point 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.

- Operation in the 5925-7125 MHz band shall be limited to indoor use only.
- Operation on oil platforms, automobiles, trains, maritime vessels and aircraft shall be prohibited except for on large aircraft flying above 3,048 m (10,000 ft).
- Devices shall not be used for control of or communications with unmanned aircraft systems.

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 and RSS-248 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
2. This device must accept any interference received, including interference that may cause undesired operation.

⚠ **Caution**

i. 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-to-point 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.

- Operation in the 5925-7125 MHz band shall be limited to indoor use only.
- Operation on oil platforms, automobiles, trains, maritime vessels and aircraft shall be prohibited except for on large aircraft flying above 3,048 m (10,000 ft).
- Devices shall not be used for control of or communications with unmanned aircraft systems.

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 et CNR-248 pour les appareils radio agréés.Son fonctionnement est soumis aux deux conditions suivantes:

1. Le dispositif ne doit pas produire de brouillage préjudiciable, et
2. Ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable

⚠ **Avertissement**

i. (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. (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. (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. (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.

- Les opérations dans la bande 5 925-7 125 MHz doivent être limitées à une utilisation en intérieur.
- L'utilisation sur les plates-formes énergétiques, les autos, les train, les vaisseaux navigateurs et les avions sera interdite, sauf sur les gros appareils volant au-dessus de 3048 m (10 000 pieds).
- Ces appareils ne doivent pas être utilisés pour contrôler des systèmes de navigation sans pilote ou pour communiquer avec eux.

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 co-implantés ou exploités conjointement avec une autre antenne ou émetteur.

EU and UK Declaration of Conformity

Hereby SMART Technologies ULC declares that the CM-6 is in compliance with Directive 2014/53/EU and UK Radio Equipment Regulations 2017.

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

Warning

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

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

Transmitting Band (MHz)	Maximum Transmit Power (conducted dBm)
2400-2483.5	19.5
5150-5350	19.7
5470-5725	19.3
5725-5825	13.3
5925-6425	18.9

BE | BG | CZ | DK | DE | EE | IE | EL | ES | FR | HR | IT | CY | LV | LT | LU | HU | MT | NL | AT | PL | PT | RO | SI | SK | FI | SE | NO | IS | LI | CH | TR | UK(NI)

UK

Class A products for EU: This product is intended for use in a non-residential environment. This product does not have AM/FM broadcast receiver function.

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.

EU

SMART Technologies (Germany),
Gustav-Heinemann-Ufer 72c,
50968 Köln, Germany

UK

SMART Technologies (GB) Limited,
Scott House, Suit 1
The Concourse, Waterloo Station,
London, United Kingdom SE1 7LY

Restrictions: 5150 MHz - 5350 MHz and 5925 MHz - 6425 MHz are for indoor use only.

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.

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) and batteries

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

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.

This product contains a CR1220 coin cell battery (not user accessible). 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

More information

See › smarttech.com/compliance