



HARDWARE GUIDE

65"/75"/86"

INF6540e
INF7540e
INF8640e



ABOUT THIS GUIDE

This guide contains assembly and connection instructions for your touch display, and also basic instructions on its operation. It applies to interactive touch displays; where appropriate, specific models are noted.

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SAFETY PRACTICES



Read and follow all safety instructions in this guide, and on the display and packaging, before connecting the display to power. Failure to comply with safety instructions may result in property damage, personal injury or even death.

Save these instructions for future reference.

Safety definitions

This guide contains information that is very important to know and understand. This information is provided for safety and to prevent equipment problems. To help recognize this information, observe the following:

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in serious personal injury or death.

CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate personal injury.

CAUTION

CAUTION used without the safety alert system indicates a situation which, if not avoided, may result in property damage.

NOTE: Refers to important information. It is recommended that you take special notice of these items.

General

Refer to this guide for proper startup and shutdown procedures.

NOTE: To avoid damage, turn off the display and unplug the power cord if there is a power outage, unstable voltage, a thunderstorm, an abnormal sound or smell, or power cord damage. To avoid further damage, turn off the display if it is damaged by an impact, fall or strike.

Moving the display

CAUTION

Move and install this display with two individuals, as it is very heavy. Do not attempt to move or install the display by yourself or it may fall, causing personal injury.

NOTE:

- Do not tilt or invert the carton when you move it. Always keep the carton upright, or the display and/or accessories may be damaged.
- Hold the display firmly, using the handles and side or bottom bezels, when you move it. Do not hold the top bezel or it may break.
- Hold the display by the corners and bottom. Do not exert pressure on the front of the display or it may break.
- Disconnect all accessories and cables before moving or repositioning the display, or they may be damaged.

Installation and location

WARNING

- Do not tip, shake or rock the display or it may fall. Severe personal injury or death may occur.
- The mounting means should be strong enough to bear the weight of the display. Use only M8 (25 mm) screws when you mount the display to a wall. Use spring washers to prevent the screws from coming loose. In North America, the mounting inter-

face should comply with the UL1678 standard. If these conditions are not met the display may fall, which may cause severe personal injury or death.

- To avoid the potential for electrocution, do not use any components of the display, including the speakers, near water.
- Do not install the display in places subject to mechanical vibration, or place the display on an unstable surface, or it may fall. Severe personal injury or death may occur.

NOTE:

- Do not install or use the display or speakers near any heat source such as radiators, heat registers or stoves, or they may be damaged.
- To avoid damage to the display, do not place it in direct sunlight, in humid, greasy or dusty places, or in places where the display may come into contact with rain, smoke, steam, flammable or explosive substances, or combustible or corrosive gases. Similarly, make sure no exposed flame source, such as lighted candles, is placed on the display.

Ventilation

NOTE: To ensure reliable operation and to protect the display from overheating, ensure that the following conditions are met:

- If the display is mounted to a wall, maintain a clearance of at least 2 inches (5 cm) between the display and the wall to provide adequate ventilation. Do not block ventilation openings. Locate the display in a well-ventilated area without obstructions to intake or exhaust vents.
- Position the display at least 4 feet (1.2 m) away from heating and cooling vents.
- Maintain a minimum clearance of 12 inches (30 cm) above, 4 inch (10 cm) on each side, and 4 inch (10 cm) below the display to provide adequate ventilation.

Power source, power cord, plugs

WARNING

Make sure the power outlet used to power the display is readily accessible for fast disconnection, in case of an emergency.

- Do not use an outlet that has been damaged or has a non-standard power supply. Electrical shock or damage to the display may occur.
- This display is a ground class 1 device. To prevent electrical shock to the user or damage to the display:
 - Use the provided power cord and AC plug.
 - Connect the plug into a corresponding AC outlet. The outlet must have a protective safety (earth) ground terminal.
- Use a surge-protected power strip. Do not overload wall outlets, or an electrical fire may occur.
- To avoid the potential for electrocution, do not position the display so that the power cord is near water – for instance, near a bathtub, washbowl, kitchen sink or swimming pool.
- Protect the power cord from any damage which would create an electrical hazard:
 - Do not place heavy objects on the power cord.
 - Prevent the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and the point where the plugs exit from the display.
 - Hold the plug, not the cord, when you disconnect the system.
 - Keep the plug free of dust and debris.
- Do not touch the power cord with wet hands, or electrocution may occur.

Medical concerns

CAUTION

Prolonged use or use in dim light may contribute to Computer Vision Syndrome (CVS), a group of vision-related problems that result from prolonged computer and smart phone use.

NOTE: Liquid crystal (LC) fluid may be a skin irritant. In the unlikely event that the LCD screen breaks and LC fluid contacts your skin, rinse the affected area for 15 minutes.

The display and the remote control

WARNING

To avoid the potential for electrocution, as well as product damage:

- Do not expose this equipment, or any component of this equipment, to rain or moisture.
- Do not insert any sharp objects or metal, or introduce any liquid, into or onto the display. Do not allow such objects or liquid to contact ventilation holes or signal connectors.
- Do not remove the cover or back of the display, or service the display yourself. Doing so will void the warranty. Refer all service to qualified service personnel.
- Use only replacement parts specified by InFocus. In addition to personal injury and/or product damage, doing so may void the warranty.

WARNING

Do not allow children to climb on the display. Severe personal injury including death, as well as damage to the display, may occur.

NOTE:

- Unplug the display during a thunderstorm. Electrical damage from a power surge may occur.
- Do not drop or twist the display or you may damage it.
- Do not use hard objects as styluses, or press forcibly on the display screen. The screen is fragile and can be damaged if you press too hard.
- Do not allow any image to display indefinitely on the screen. A “ghost image” (a permanent discoloration in a certain area) may occur. Ghost image damage is not covered by warranty.
- If the display is moved, do not use it immediately. Allow it to adjust to the new temperature slowly.
- Dispose of used remote control batteries (not included) in accordance with local disposal laws.

Cleaning the display

Use an alcohol-free, ammonia-free cleaner, applied with a microfiber cleaning cloth.

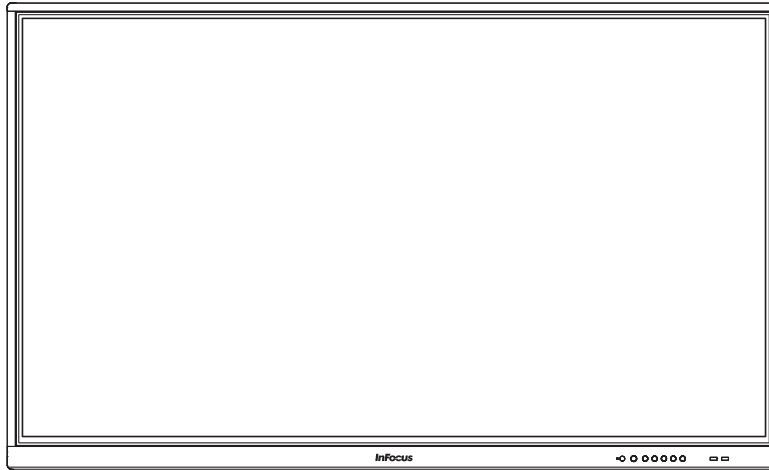
Never use any type of wax, chemicals, window cleaner, soap, scouring powder, or any cleanser with solvents such as alcohol, benzene, ammonia, or paint thinner. Never use abrasive pads or paper towels, as they can scratch the screen and cause permanent damage.

Do not spray the cleaner directly onto the screen. Instead, apply a small amount of cleaner on a corner of the microfiber cloth.

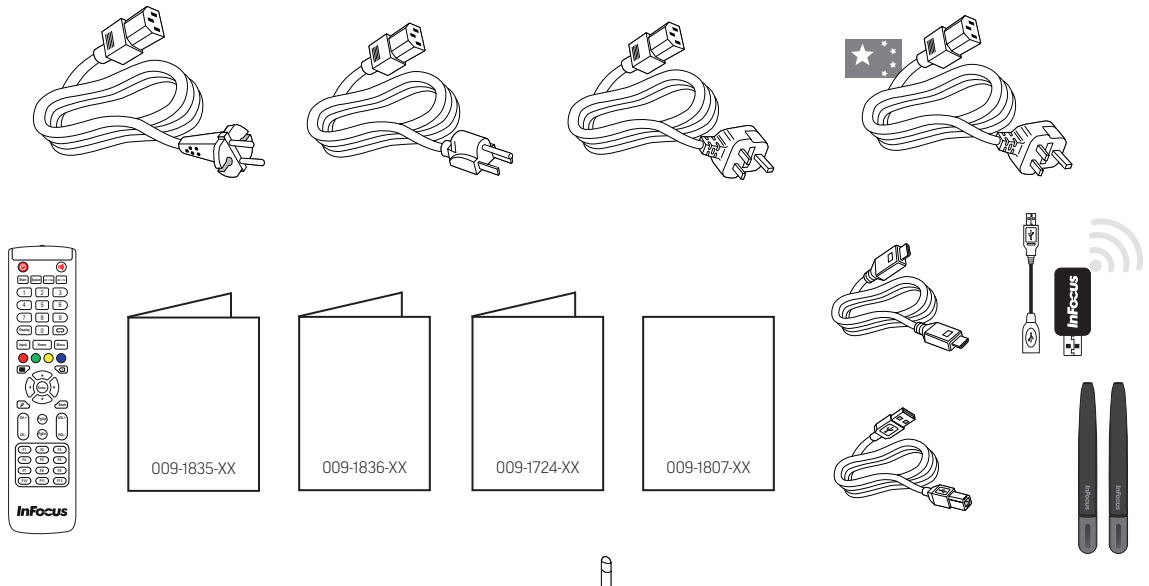
Follow these steps:

- Turn the display off, let it cool for a few minutes, and then unplug it. Spray cleaner onto the cloth, and then gently clean the screen. Continue to spray cleaner onto the cloth, and then gently wipe, until the screen is clean.
- Wipe the screen as gently as possible. The screen is fragile and can be damaged if you press too hard.
- Let the screen dry completely before you plug the display back in.

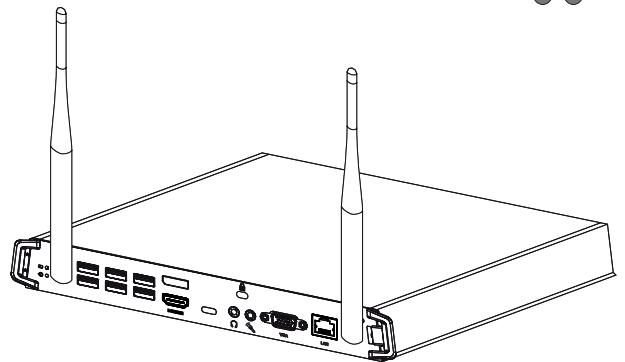
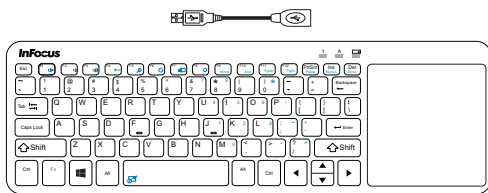
INCLUDED ACCESSORIES



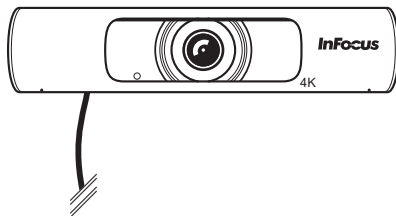
Included Accessories



Optional Accessories



Optional Accessory



NOTE: Optional accessories such as the PC, keyboard, WiFi dongle, and/or the USB dongle may be stored inside the protective styrofoam at the top or bottom of the display.

NOTE: For setup purposes, a keyboard and mouse are recommended.

SET UP – ALL MODELS

Mounting technique

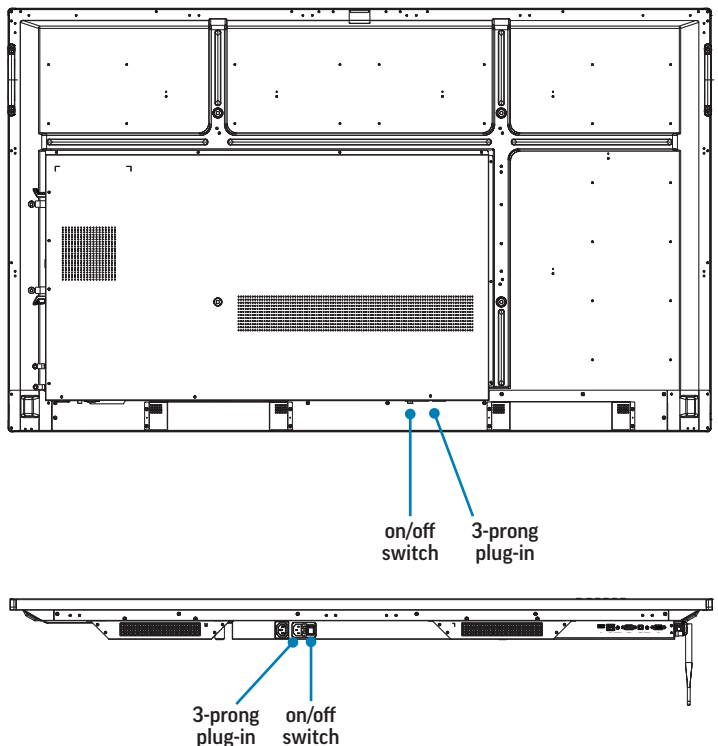
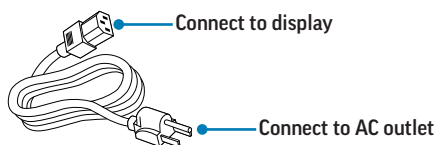
This product does not ship with mounting accessories. Only use commercially manufactured mounting accessories which meet the product specifications.

- Use a professional technician to install the display.
- Mount the display to a solid wall or a stable horizontal surface.
- Chose a mounting point which will protect the display from environmental hazards such as heavy dust, insects, condensation and other moisture, as well as strong electromagnetic fields.
- Install the display near an easily accessible AC power outlet.
- Use only properly-rated wall and stand mounting hardware that meets the product specifications. The warranty does not cover damage caused by use of improperly-rated mounting hardware or from improper installation.
 - After you remove the display from its carton and before you install it, always place the display front screen side down on a clean, cushioned surface, to prevent damage to the screen surface.
 - The mounting means should be strong enough to bear the weight of the display:
 - Use only M8 (25 mm) screws when you mount the display to a wall. Use spring washers to prevent the screws from coming loose.
 - The mounting interface should comply with the UL1678 standard in North America.
 - Maintain a distance of at least 2 inch (5 cm) between the display and the wall, if the display is installed against the wall; this distance provides adequate ventilation.

Connect the display to power

- 1) Connect the plug end of the AC power cord to the **3-prong plug-in** (shown to the right) on the underside of the display.
- 2) Connect the 3-prong end of the AC power cord (below) to an AC outlet.

NOTE: Depending on your region, it may be necessary to check for compatibility.



BASIC FUNCTIONS

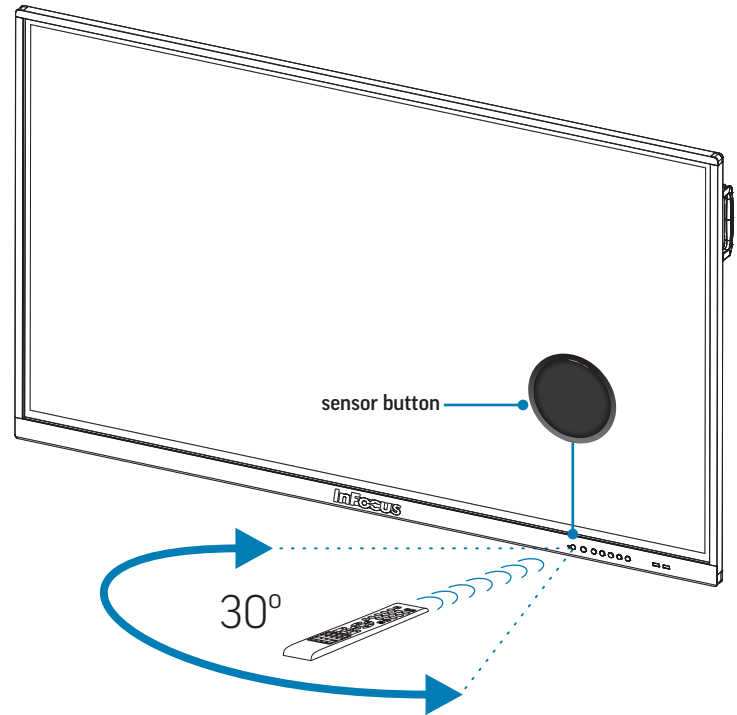
Using the remote control

The remote uses two AAA batteries (not included). Install the batteries by removing the cover from the back of the remote, orienting the positive and negative ends of the batteries, sliding them in place and replacing the cover.

To operate, point the remote at the **sensor button** on the front of the touch display. The range of optimum operation is about 26' (8m) and within a horizontal and vertical angle of 30 degrees.

NOTE:

- Dispose of batteries in an environmentally proper manner.
- If the remote gets wet, wipe it dry immediately.
- Avoid excessive heat and humidity.
- Do not mix new and old batteries or different types of batteries.
- Replace the batteries as soon as they run out.
- Remove the batteries if the remote will not be used for a prolonged period.



Turn the display on and off

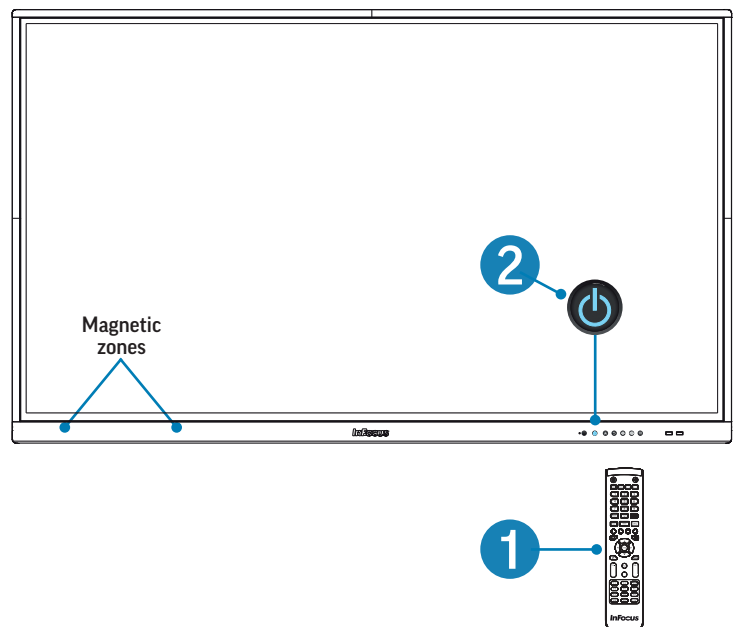
Make sure that the power cord is connected to a power outlet and that the on/off switch (page 8) is on.

- 1) Press the **Power** button on the remote (page 11); or
- 2) Press (long hold) the **Power** button on the front panel of the touch display (page 16).

The power symbol on the front panel button turns from red to blue (on) or from blue to red (off).

NOTE: Tap the front panel **Power** button lightly to switch to backlight off mode – the display screen is turned off. In this mode, the **Power** button will switch colors continuously.

Tap the screen, or tap the front panel **Power** button, to turn the backlight on.

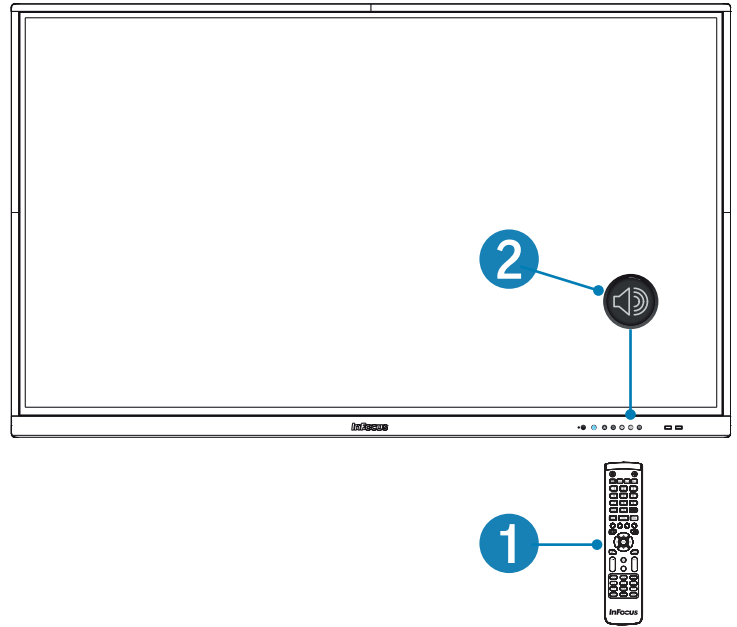


Attach a magnetic stylus

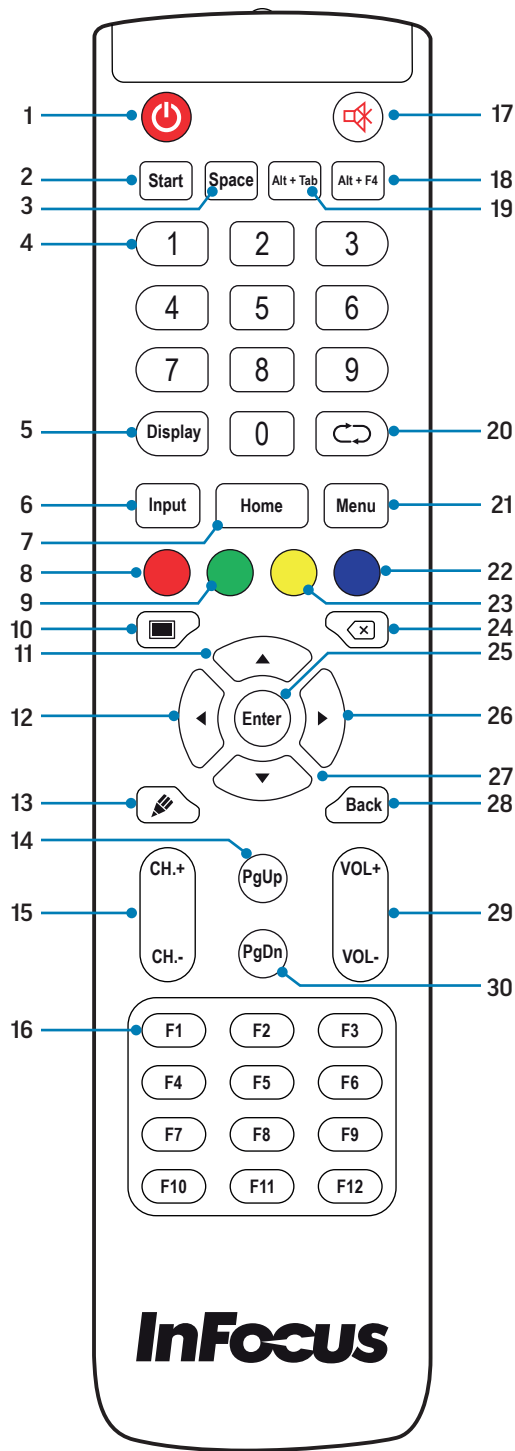
- 1) Use one of the two **Magnetic zones** to attach one of the included absorptive magnetic styluses to the front of the display.

Adjust the volume

- 1) Press the volume up or down button on the remote (page 11); or
- 2) Touch the button with the volume icon on the front of the touch display (page 16). A sliding scale appears. Move the button to the left or right.
- 3) Open the LiveView input selection window (page 23) and adjust the on-screen volume by sliding the level indicator to the left or right.

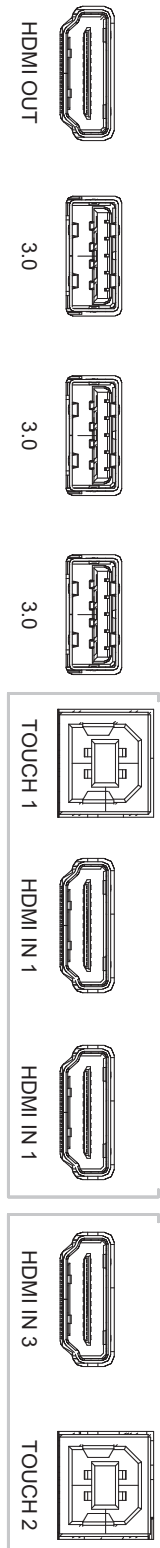
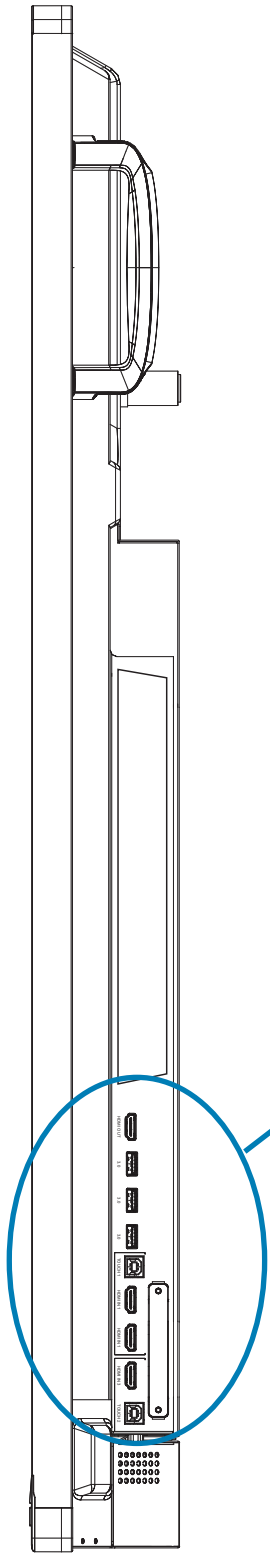


The remote buttons

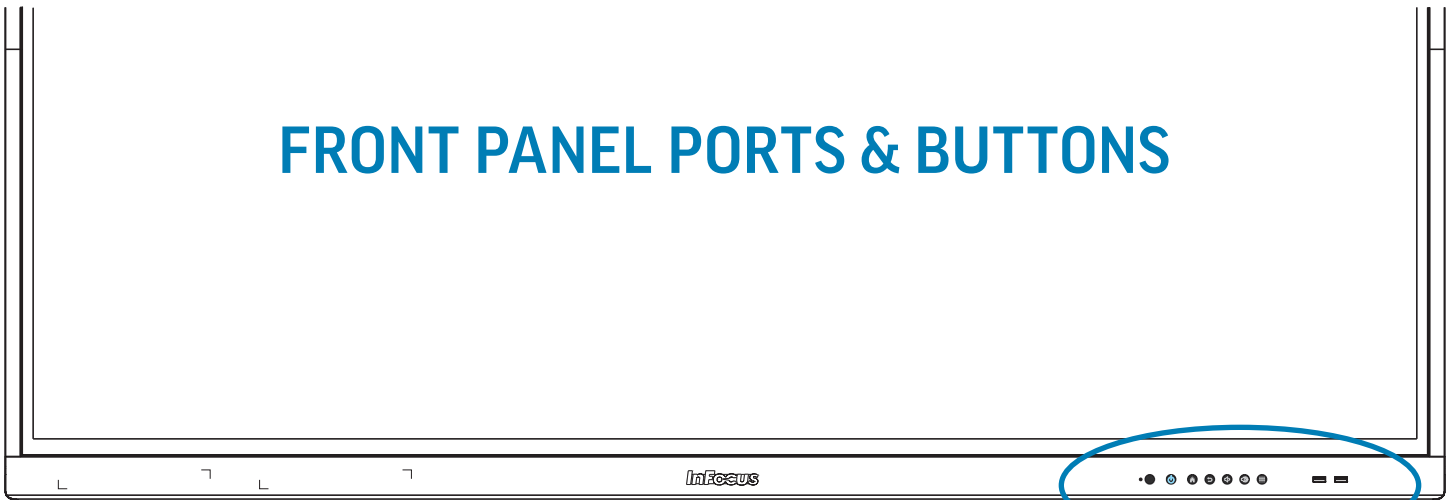


#	Name	Function
1	Power	Switches the power on or off
2	Start	Access the Windows Start menu (when the PC is selected as the source).
3	Space	A keyboard space bar (Windows only)
4	Number keys	Numeric input keys
5	Display	Shows the source and screen resolution for all sources except Android.
6	Input	Access the general input source menu
7	Home	Return to the home screen
8	Red	Enable/disable the touch functions and the front panel buttons
9	Green	Enable/disable the front panel buttons
10	Blank	Press to display a blank (black) screen; press again to return to the previous screen.
11	Up	Directional key
12	Left	Directional key
13	Draw	Opens the Android whiteboard
14	Page Up	Scroll up a page/screen (Windows only)
15		Reserved for future use
16	Function keys	F1 - F12 Windows function keys
17	Mute/volume	Press once to mute the internal speakers; press again to adjust the volume.
18	Alt + F4	Shut down (Windows only) Tap OK to close all apps and turn off the PC.
19	Alt + tab	Displays the open Windows applications and allows you to switch between them
20		Reserved for future use
21	Menu	Access the input settings for Audio, Screen, Display and Adjust
22	Blue	Takes a screen capture photo and saves it to the Whiteboard/Annotation folder in the Finder directory, or to a USB drive inserted into either of the front panel USB ports (see page 12 and page 14).
23	Yellow	Disable/enable touch functions
24	Back	A keyboard backspace (Windows only)
25	Enter	Press to confirm/initiate selection
26	Right	Directional key
27	Down	Directional key
28	Back	Go back one page/screen (Windows only)
29	Volume	Volume up/down
30	Page down	Scroll down a page/screen (Windows only)

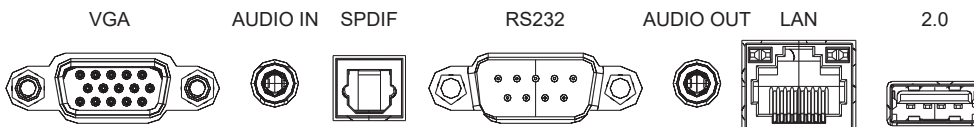
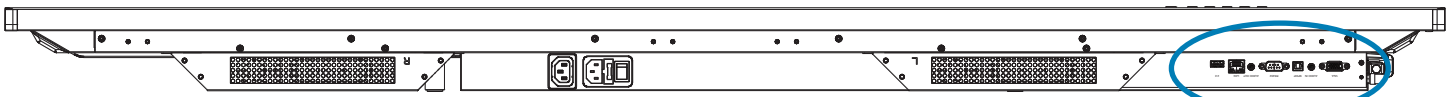
SIDE PANEL PORTS



FRONT PANEL PORTS & BUTTONS



UNDER PANEL PORTS



CONNECTING TO OTHER DEVICES

Connection ports are located on the front, the right side panel and under the display. They can be used to connect the display to a full range of digital input and output devices, including: accessories; source (input) devices; PCs; tablets; and daisy-chain displays. For PC port connection instructions, see page 53.



The front panel ports

The two front panel USB ports are located on the lower right side of the display (page 12). They are used to connect a USB device to the internal Android and/or Windows operating system.

NOTE: Both front panel ports accommodate Android and/or Windows operating systems (A Windows PC is not provided display).

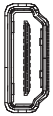


TOUCH 2

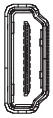
The side panel ports

The side panel ports are located on the right side panel (page 12). This table shows how to connect them.

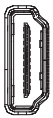
NOTE: All of the side panel ports accommodate Android and/or Windows operating systems (A Windows PC is not provided with display).



HDMI IN 3



HDMI IN 2



HDMI IN 1



TOUCH 1



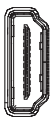
3.0



3.0

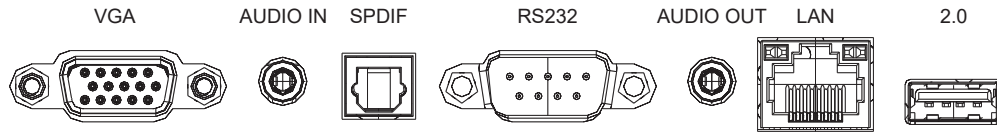


3.0



HDMI OUT

Port	Connection Instructions
HDMI OUT	Connect an HDMI cable from the display to an HDMI display input device. Whatever is displayed is mirrored through this port (Android, PC, HDMI, VGA).
3.0	Accepts a USB 3.0 connection to the internal Android and/or Windows operating systems. Port access for Android or Windows is programmable.
3.0	Accepts a USB 3.0 connection to the internal Android and/or Windows operating systems. Port access for Android or Windows is programmable.
3.0	Accepts a USB 3.0 connection to the internal Android and/or Windows operating systems. Port access for Android or Windows is programmable.
TOUCH 1	Touch signal output to an external computer. Associated with HDMI1 and HDMI2.
HDMI IN 1	Connect an HDMI cable from an HDMI external device to the display.
HDMI IN 2	Connect an HDMI cable from an HDMI external device to the display.
HDMI IN 3	Connect an HDMI cable from an HDMI external device to the display.
TOUCH 2	Touch signal output to an external computer. Associated with HDMI3 and VGA.



The under panel ports








The under panel ports are located on the right side of the display (page 12). This table shows how to connect them.

NOTE: All of the under panel ports accommodate Android and/or Windows operating systems, with the exception of the 2.0 USB port. (A Windows PC is not provided with display.)

Port	Connection Instructions
VGA	Connect a VGA cable from an external device to the monitor.
AUDIO IN	Connect an audio source to the panel. This audio source is active when the VGA video source is the current source.
SPDIF	Connect to an external audio source.
RS232	Connect a serial control source to the panel.
AUDIO OUT	Connect to an external audio source.
LAN	Connect an RJ45 cable to provide internet connections for the Android and/or Windows operating systems.
2.0	This port is dedicated to the Android operating system. InFocus recommends connecting the Android wifi adapter to this port (see page 17).

The front panel buttons

The front panel buttons are located just below the display screen, on the right side. This table shows their functions.

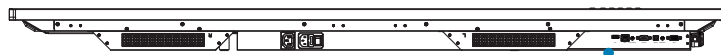
Button	Name	Function
	IR sensor	Receives the signal from the remote control
	Power	Switches the power to the screen on or off.
	Home	Takes you to the home screen.
	Previous	Returns to the previous screen – back one level in an application or back one page in a browser
	Volume down	Press or tap the button to decrease the volume of the internal speakers.
	Volume Up	Press or tap the button to increase the volume of the internal speakers.
	Input sources	Select an input source and modify its audio, screen, display and volume settings.

CONNECT THE INTERNAL ANDROID TO WI-FI

- 1) Connect the provided USB extender and the USB dual-band WiFi adapter to the **USB 2.0** port on the bottom side of the panel as shown.
- 2) At Android **Settings**, configure the WiFi to your network.



2
Tap **Settings** to select a WiFi network.



1

Plug the provided USB dongle into the USB dongle into the **USB 2.0** under panel port.

CONNECT THE DISPLAY TO AN EXTERNAL PC

NOTE: The two available alternatives are shown below; make your connection based on your installation parameters.

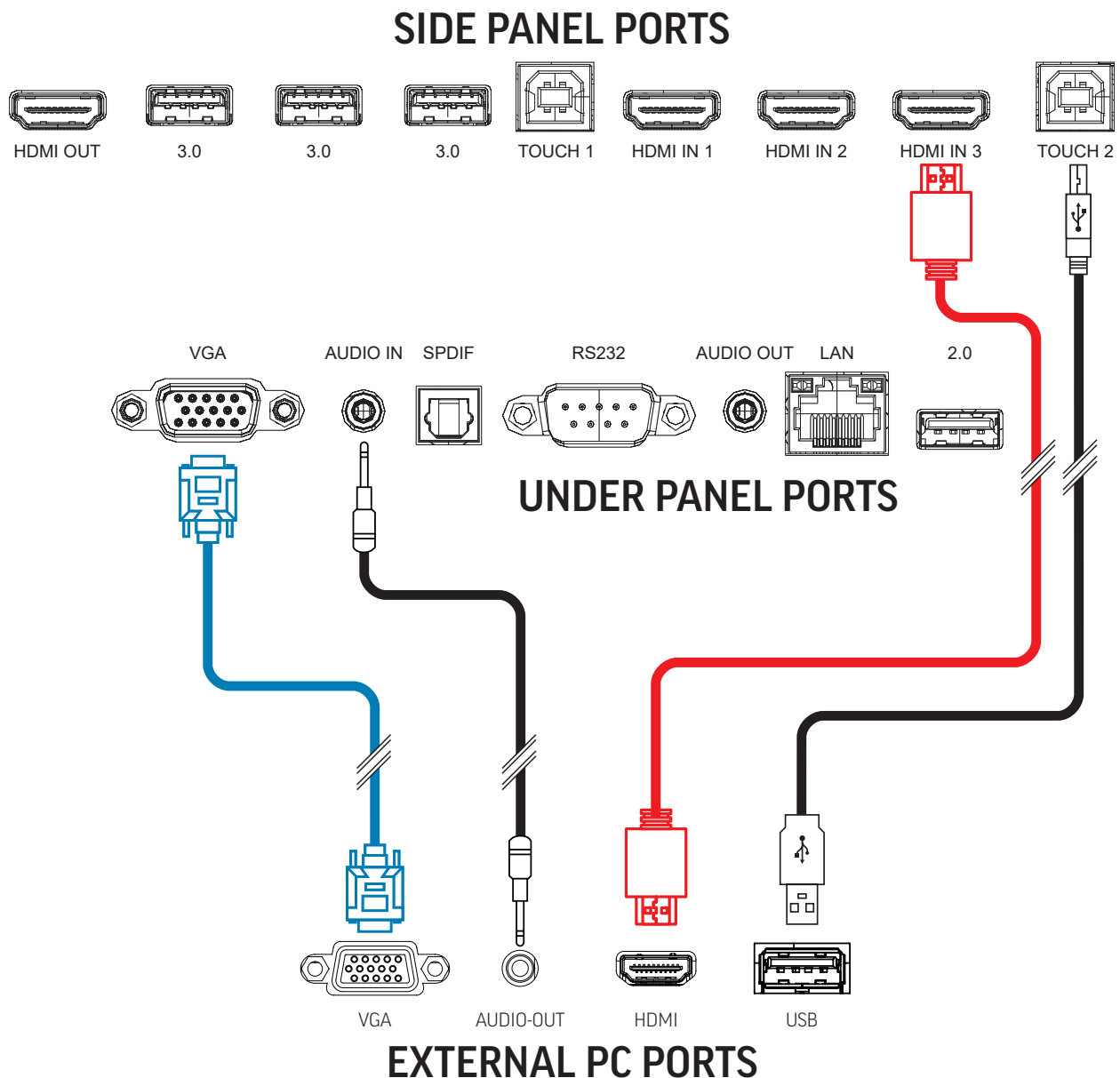
- 1) Make one of the following two connections:
 - a) Connect a VGA cable from the “VGA” port on the under panel of the touch display to the VGA port on the external PC. (This connection is **color-coded blue** in the illustration below.) Or...
 - b) Connect an HDMI cable from the “HDMI OUT” port on the side panel of the touch display to the HDMI port on the external PC. (This connection is **color-coded red** in the illustration below.)

NOTE: The audio connection (step 3, below) is unnecessary with an HDMI-to-HDMI connection.

- 2) Connect the provided A-to-B USB cable to the USB type B port labeled “TOUCH 2” on the side panel of the touch display (page 14) and to the USB type A port on the external PC.

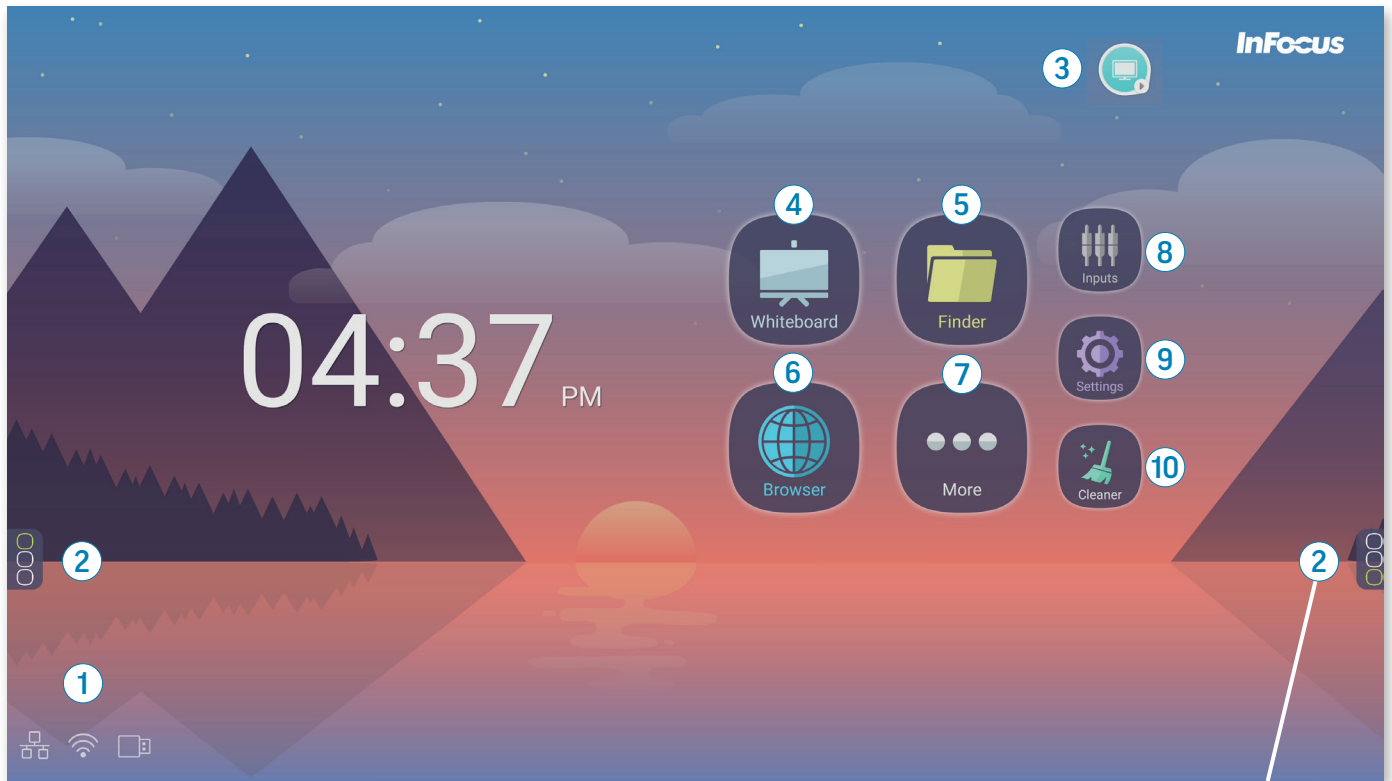
NOTE: This connection allows you to use touch control on the external PC to control the touch display.

- 3) Connect an audio cable from the “AUDIO IN” port on the under panel of the touch display to the “Audio-Out” port on the external computer.
- 4) Depending on your choice in step 1 (above), set VGA or HDMI as your source (see “Accessing Total Touch Control” on page 20 and “The Source submenu” on page 22).






THE HOME PAGE

The software and tools available at the home page are identified below. System settings and Total Touch Control™ are explained in subsequent sections; for software operating instructions, refer to the appropriate software guide at infocus.com.



1. Connectivity icons

-  A network (ethernet) connection is established.
-  A wifi connection is established.
-  A thumb drive is inserted into a USB port.

2. Tap to open the Total Touch Control™ menu. See the next page.

3. The floating source button switches between Android and Windows, or between the last source and the present source. See Other Settings, page 47.

4. Open whiteboard

5. Access the storage system

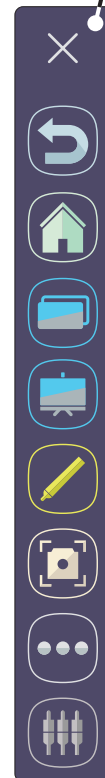
6. Access the internet through an internet browser

7. Access additional applications

8. Access input sources with LiveView™. See page 23.

9. Access system settings. See page 25.

10. Optimize system memory and storage.



TOTAL TOUCH CONTROL™

With Total Touch Control (TTC), anything you want to do within an Android application can be accomplished by touching the screen. Use the touch-controlled menus to move through desired tasks, choose tools and manipulate the display.

NOTE: The remote control and the buttons on the lower right of the display are still active in TTC, and can also be used in navigation and selection.



Total Touch Control primary menu icons












Total Touch Control menu tab

Accessing Total Touch Control

Tap the Total Touch Control menu tab on either side of the touch display to show the primary menu icons.








NOTE: Both menu tabs can be moved vertically for the entire extent of the screen.

The primary menu icons

Icon	Name	Function
	Close	Closes the Total Touch Control menu bar
	Back	Returns to the previous screen in Android applications – back one level in an application or back one page in a browser
	Home	Displays the home screen
	Active Applications	Displays a list of currently-open Android applications
	Whiteboard	Create and save a Whiteboard (.enb) document using text notes, mobile phone snapshots, printed and handwritten text within images, imported images, web clips, and digital ink.
	Annotation	Draw (annotate) over any source, without affecting the original image. Take a screen shot of the annotation and the underlying image or import it into the whiteboard.
	Screen clip/ capture	Takes a screen capture of any displayed image. Expand or contract the image with the sizing handles, or enlarge it to full-screen. Cancel or save the image, or import it into the whiteboard.
	More tools	Access the file folder, settings, additional applications, and a timer, stopwatch and magnifier. See page 22.
	Access Input Sources	Access input sources with LiveView™ – Select an input source and modify its audio, screen, display and volume settings. See page 23.

The More Tools submenu

More Tools contains applications and tools to facilitate the exchange of ideas. Their functions are explained below.

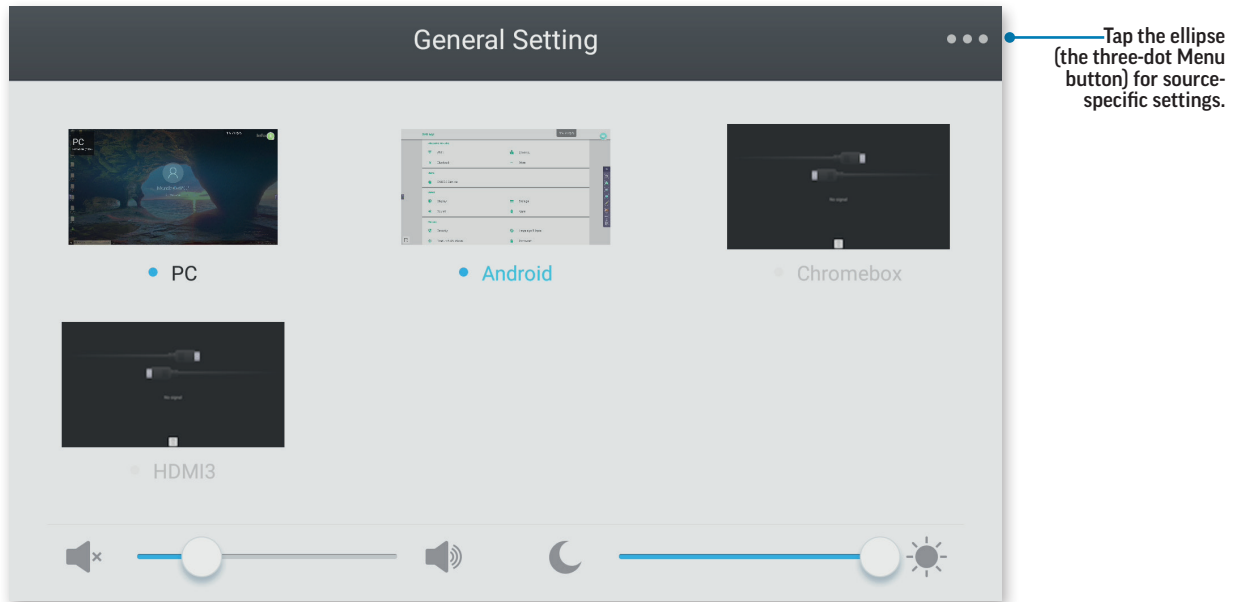
Icon	Name	Description
	SpotLight	Use the SpotLight tool to focus attention on a particular area of the display. The size of the spotlight, and the opacity of the remainder of the screen, are controlled with slider bars.
	AirClass	A browser-based interface to provide student participation in answering questions and responding to teacher requests. Part of StudentSafe™ Dual Networking.
	Finder	The file storage system. Also available through the home screen. Access to this folder is duplicated here for ease of workflow.
	Settings	System settings. Also available through the home screen. Access to Settings is duplicated here for ease of workflow.
	CountDown	An on-screen timer. Change the setting by touching the screen and sliding up or down the hour, minute and second columns.
	StopWatch	Press start to record elapsed time. You can pause the countdown, reset or continue , and track the number of laps .
	Zoom	Enlarge or reduce the screen image. Freezes the screen's current image. When closed, the screen returns to its normal view.

SELECT A SOURCE THROUGH LIVEVIEW™

- 1) Connect an input source to the appropriate port (see page 14 and page 15).
- 2) Select **Access Input Sources** by one of five methods:
 - a) From the icon on the home page (page 19);
 - b) From the Total Touch Control menu bar (page 21);
 - c) From the front panel button (page 16);
 - d) By swiping up at the bottom of the panel, near the center; or
 - e) By pressing the **Input** button on the remote (page 11).
- 3) The **General Setting** window appears. If a source is active, a blue dot (●) precedes its name, and a real-time (LiveView) thumbnail of the source is displayed.
- 4) Tap the desired source to select it. A blue bar appears across the window of the selected source as it is being loaded. After the new source is loaded, its name is highlighted in blue.

NOTE: Move the buttons on the slider bars at the bottom of the window to adjust the speaker volume and screen brightness.

NOTE: The icons of inactive sources can be hidden, and the name of a source can be changed, through **Settings > Personal > Input Setting** (page 46).



Modify the source settings

- 1) Tap the ellipse (the three-dot Menu button) at the upper right corner of the **General Setting** window (above). Select **Audio**, **Screen**, **Display** or **Adjust**.

NOTE: Source settings are global, i.e., changing the Audio settings in Android will change them in PC, HDMI1, etc.

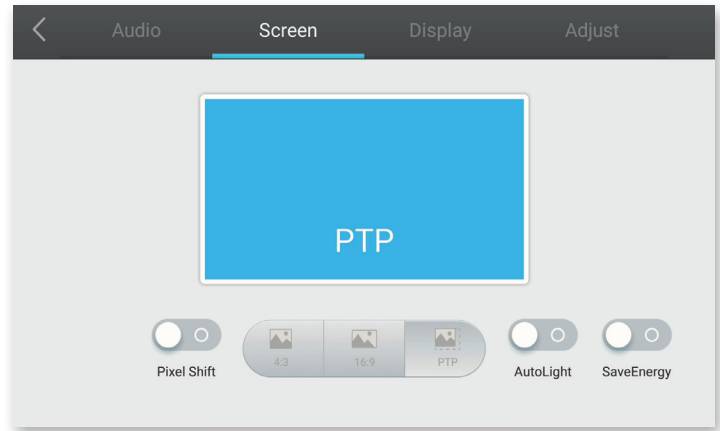
Audio

Modify three presets – **Standard**, **Meeting** and **Classroom** – or create a **Custom** audio setting. Tap the **Mute** button to modify the volume or mute the internal speakers.



Screen

Three aspect ratios are available – 4:3; 16:9; or PTP (Picture-to-Picture), which fills the screen. Tap the on/off button above **Pixel Shift** to enable/disable it.



Display

Modifies the appearance of the display. Choose one of three presets – **Standard**, **Bright** and **Soft** – or create a **Custom** display setting.

Choose the color temperature: **Standard**, **Cold** or **Warm**.

NOTE: These options are available for video input sources only – HDMI1-3 and VGA.



Adjust

Use the slider buttons to adjust the horizontal and vertical alignment.



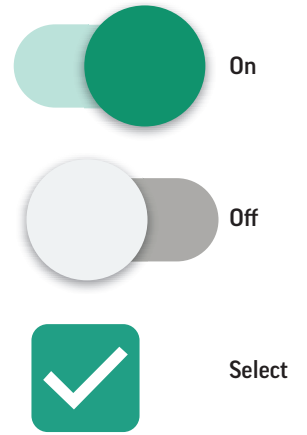
SETTINGS

There are a wide variety of settings you can use to adjust the display to your preferences. To access them, tap the **Settings** icon on the home page (page 19) or at the **More Tools** submenu (page 22).

To access one of the settings, tap its name or its icon.

Once at a setting menu, tap the name of the setting or the **On/Off** button, whichever is closer, to make changes.

Where a choice is available, the **Select** checkbox identifies the current selection.



Wireless & Networks

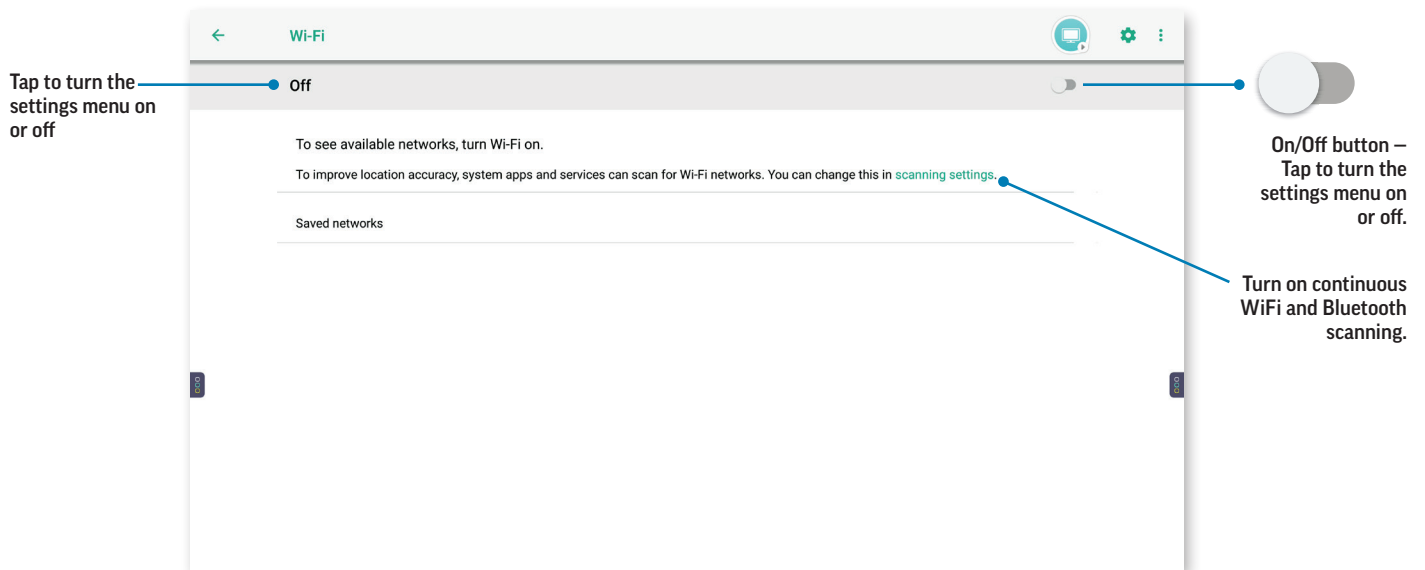
NOTE: The Android OS runs on either a wired or a wireless network, but not both simultaneously, with the exception of AirClass (page 22) and LightCast (accessed through the **More** icon on the home screen, page 19). See the appropriate software guide for instructions on how to configure them.

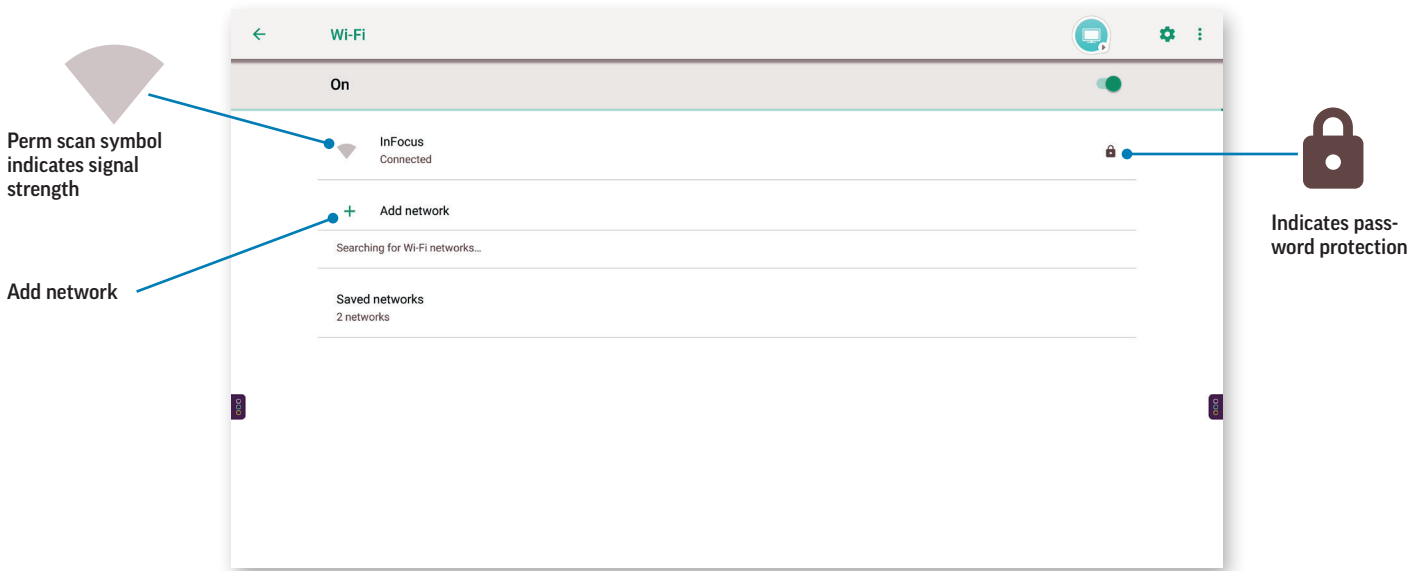
WiFi



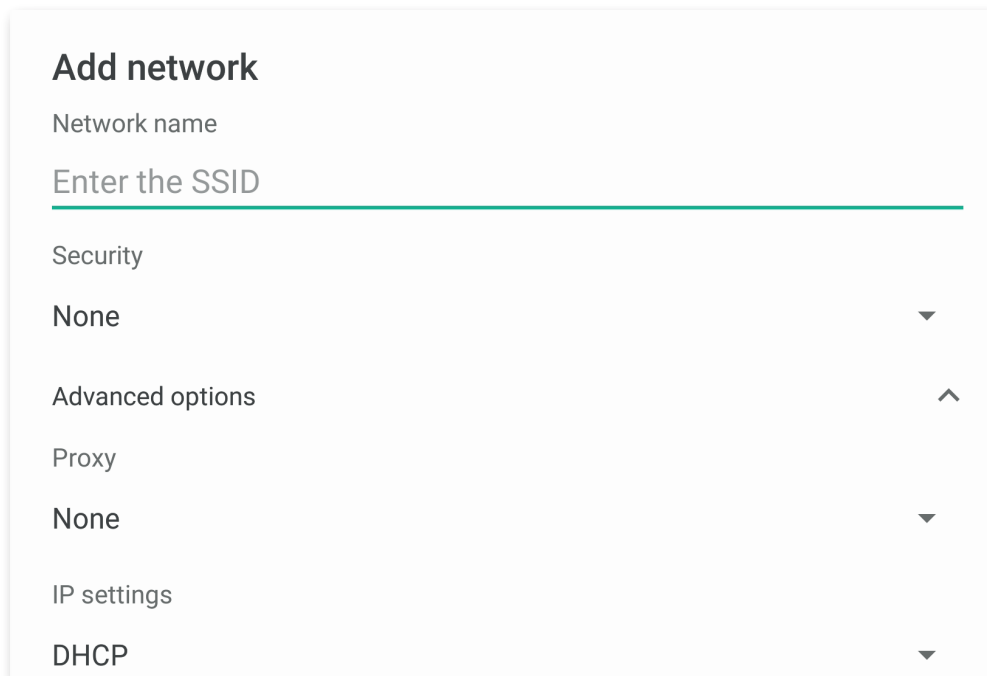
Tap **WiFi**, or the WiFi icon.

- 1) When WiFi settings are **Off**, you have the option to turn on continuous WiFi and Bluetooth scanning by tapping on **scanning settings**.
- 2) Turn the WiFi settings on by pressing **Off**, (to the left) or the On/Off button (to the right).





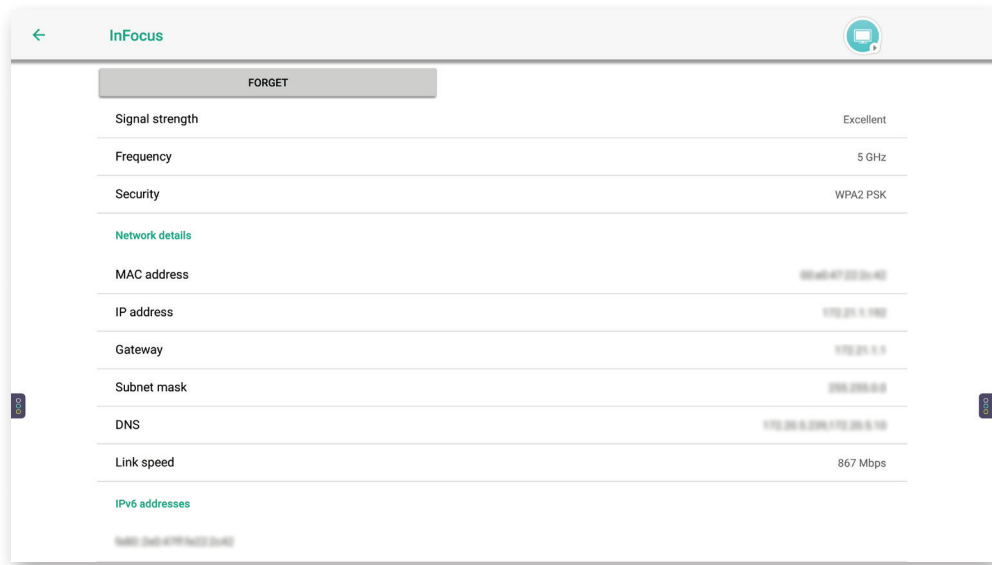
- 3) Turn WiFi on to show a window with a list of the saved and available WiFi networks.
 - a) To the left of each address, the **perm scan symbol** indicates signal strength.
 - b) To the right of each address, a **padlock** indicates password protection.
- 4) To add a network, tap **Add network** or the “+” symbol.



- a) At the **Add Network** window, use the on-screen keyboard or a connected keyboard to enter the SSID.
- b) Choose a network security protocol under **Security**.
- c) Under **Advanced Options**, choose how a proxy server will be identified: **None**, **Manual**, or **Proxy Auto-Config**; choose a **DHCP** or a **Static** IP setting.
- d) At the bottom right of the window, tap **Cancel** or **Save** to dismiss or confirm your settings.

NOTE: It may be necessary to move the on-screen keyboard to reveal **Cancel** and **Save**.

5) Tap a network name for signal, security and network information.



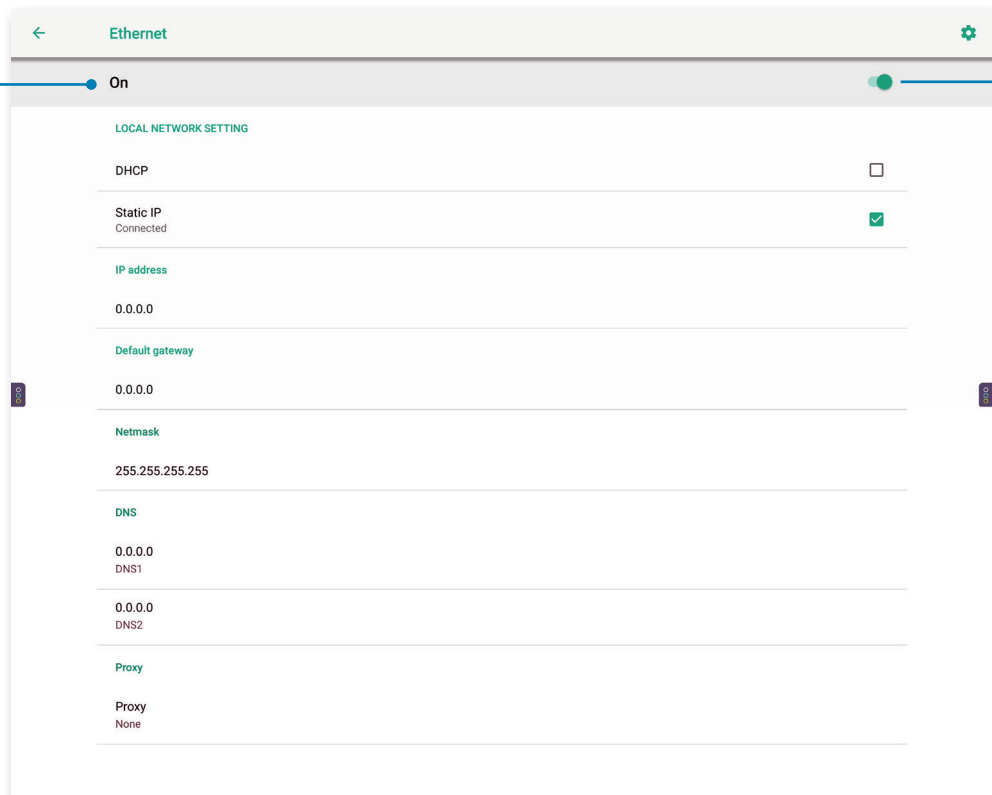
Ethernet

Tap **Ethernet**, or the Ethernet icon.



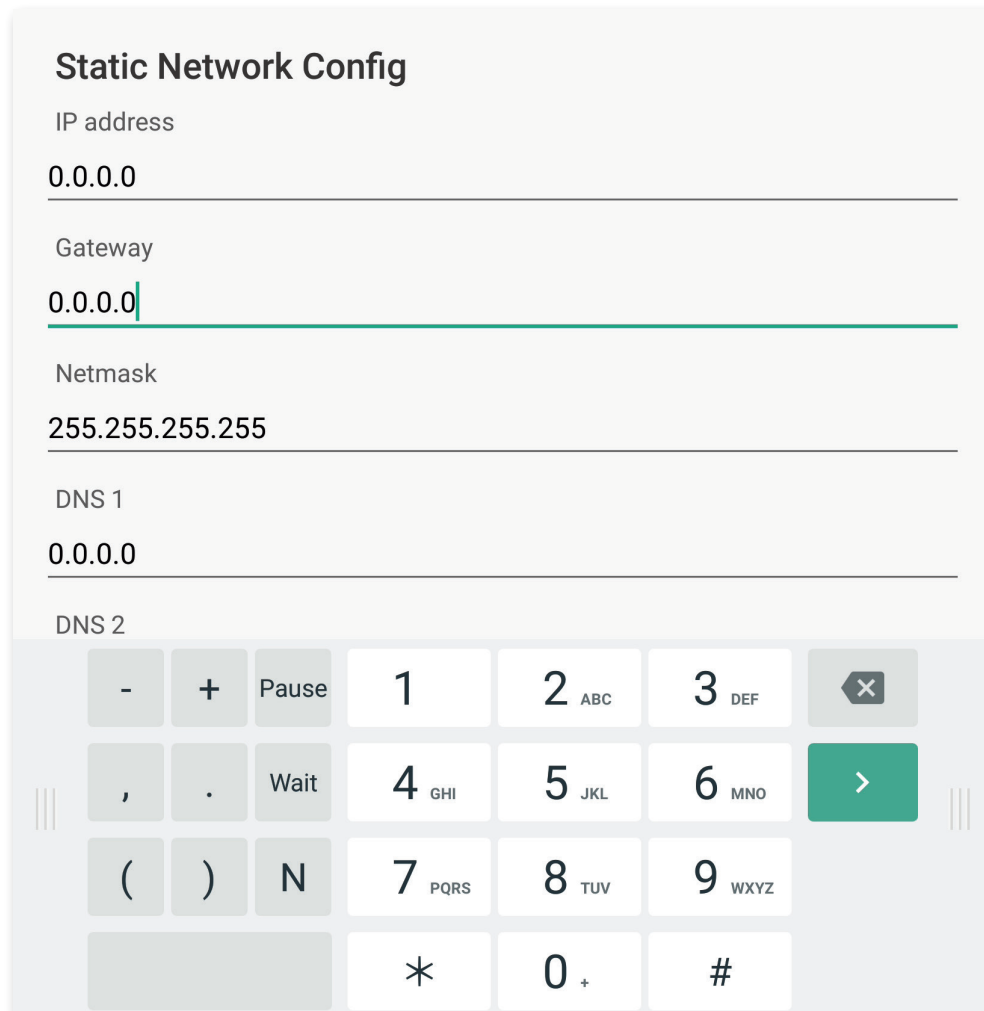
- 1) If necessary, turn the Ethernet settings on: Press **Off**, (to the left) or press the On/Off button (to the right).
- 2) Choose a **Local Network Setting – DHCP** or **Static IP**.
 - a) Selecting **DHCP** automatically allocates an IP address. The remaining fields (with the exception of **Proxy**) are auto-populated.

Tap to turn the settings menu on or off



On/Off button – Tap to turn the settings menu on or off.

- 3) If you choose **Static IP** as your local network –
 - a) Tap any of the numbers under the **IP address**, **Default gateway**, **Netmask**, or the **DNS 1** and **DNS 2** settings. The **Static Network Config** window appears.
 - b) Use a connected keyboard or the on-screen keyboard to enter the required information; at the bottom right of the window, tap **Cancel** or **OK** to dismiss or confirm your settings.
NOTE: It may be necessary to move the on-screen keyboard to reveal **Cancel** and **OK**.
- 4) At the bottom of the menu, determine how a proxy server will be identified: Tap **Proxy** and choose **None**, **Manual**, or **Proxy Auto-Config**.



The screenshot shows a 'Static Network Config' window with the following fields and values:

- IP address: 0.0.0.0
- Gateway: 0.0.0.0
- Netmask: 255.255.255.255
- DNS 1: 0.0.0.0
- DNS 2: (empty)

An on-screen keyboard is overlaid at the bottom, showing a numeric keypad with various function keys like 'Pause', 'Wait', and a green arrow key.

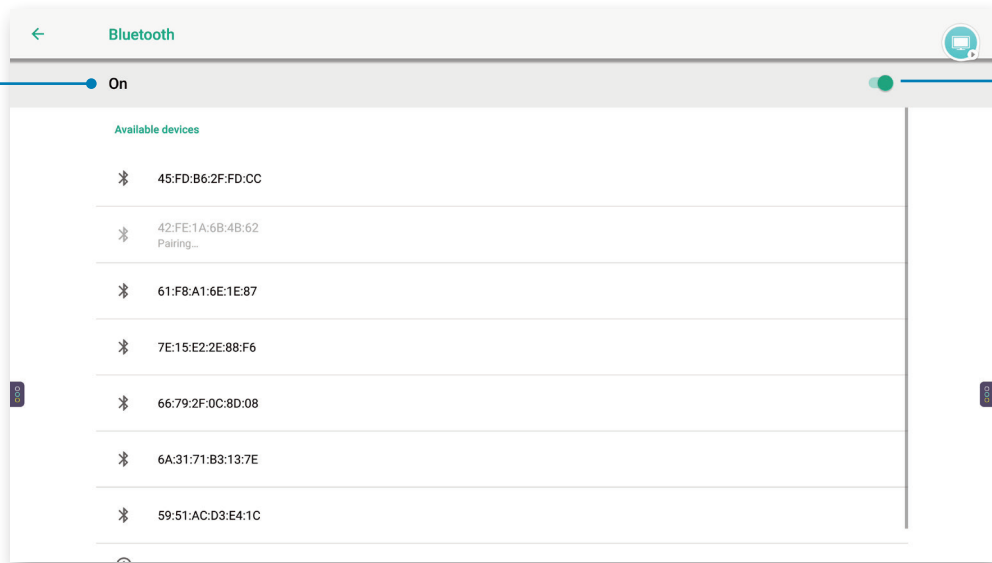
Bluetooth



Tap **Bluetooth**, or the Bluetooth icon. A list of available devices is displayed.

- 1) If necessary, turn the Bluetooth settings on: Press **Off**, (to the left) or press the On/Off button (to the right).
- 2) Choose an available device and tap it to initiate pairing.

Tap to turn the settings menu on or off



On/Off button – Tap to turn the settings menu on or off.

More

Tap **More**, or the More icon. ● ● ●

- 1) To add a Virtual Private Network, tap **VPN** and then the “+” symbol at the upper right. The **Edit VPN profile** window appears.
 - a) Use a connected keyboard or the on-screen keyboard to enter a **Name**.
 - b) Select the **Type** of VPN from the drop-down list, and enter the **Server address**. (By default, PPTP with PPP encryption is selected.)
 - c) Select **Show advanced options** and, depending on the VPN, enter the associated certificates, domains, servers and/or other protocols.
 - d) An optional username and password can be entered.
 - e) Depending on the VPN you have chosen, **Always-on VPN** may be available.
 - f) At the bottom of the window, tap **Cancel** or **Save** to dismiss or confirm your settings.

Edit VPN profile

Name

Type
PPTP ▼

Server address

PPP encryption (MPPE)

Show advanced options


Username

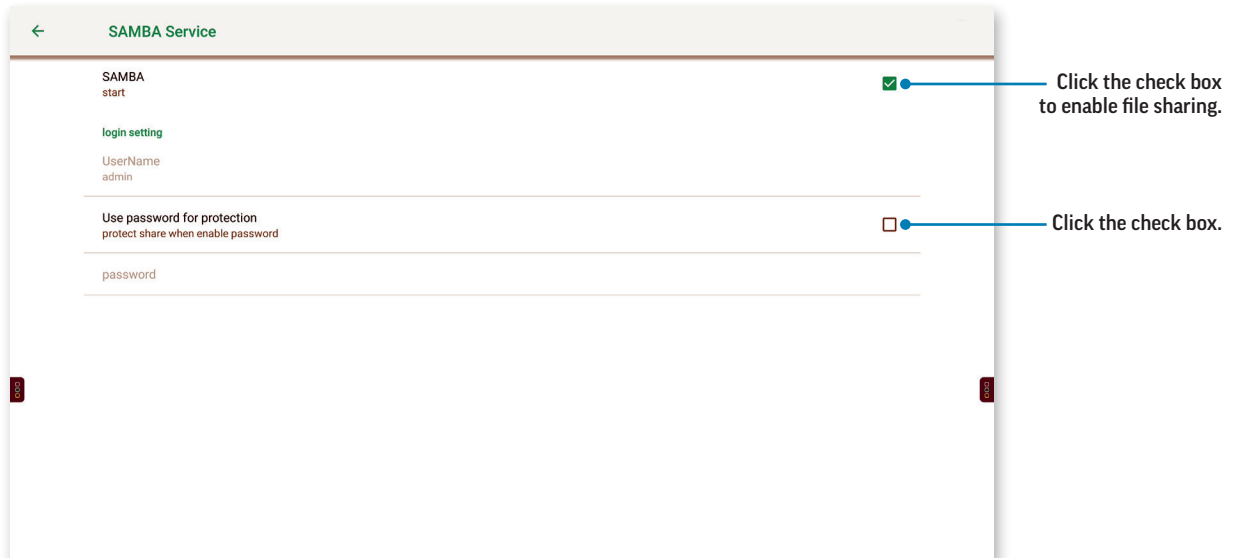
Password

Always-on VPN
This VPN type can't stay connected at all times

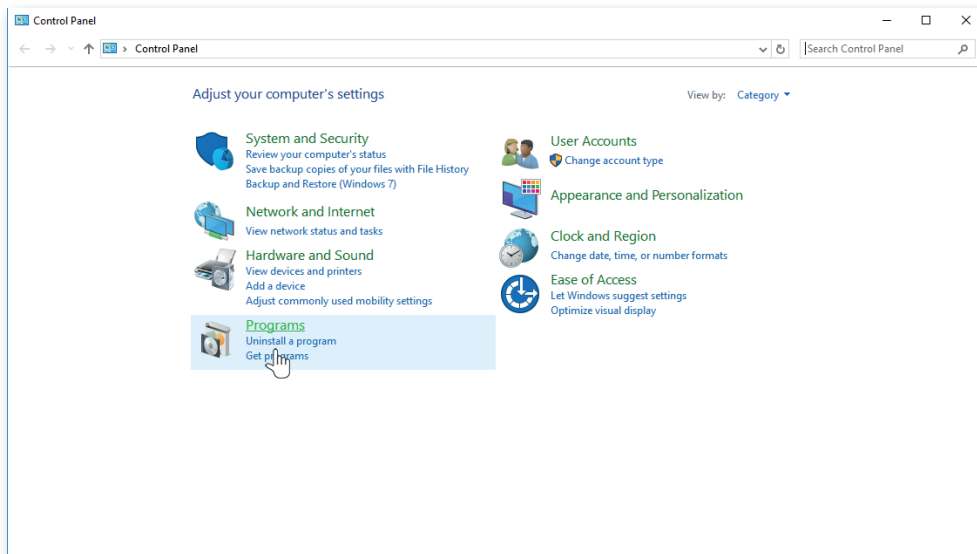
CANCEL **SAVE**

Share SAMBA

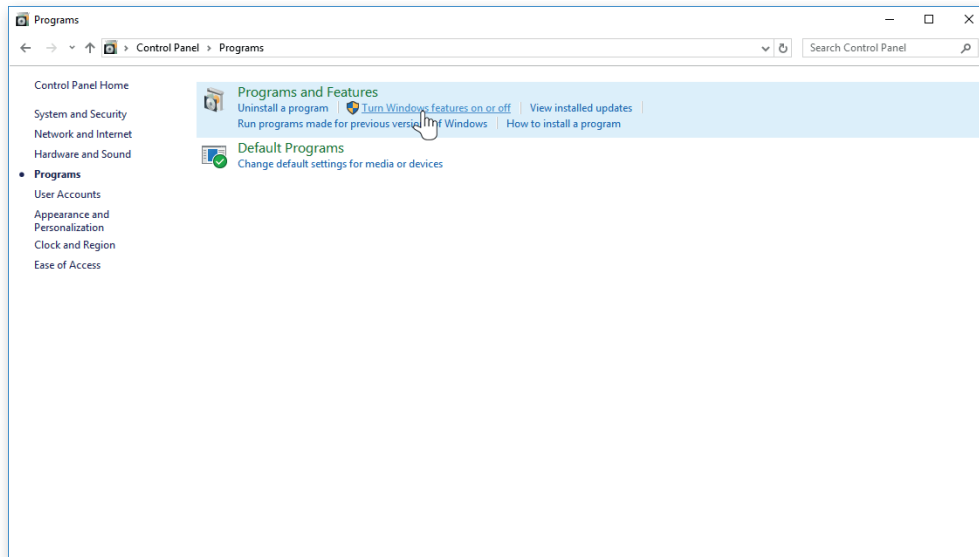
Tap **SAMBA**, the SAMBA icon  or click the check box to the right to enable file sharing.



- 1) The **UserName** is locked to “admin.”
- 2) If you choose to enter a password, tap **Use password for protection**, or click the check box to the right, and enter the password.
- 3) For Macintosh operating systems:
 - a) Open the shared section of a Finder window and press “command + K.”
 - b) Enter “smb://” followed by the panel’s ip address.
NOTE: See **WiFi** (page 25) or **Ethernet** (page 27), under **Settings**, for the panel’s ip address.
- 4) For Windows operating systems:
 - a) Type “Control Panel” in the Windows search box.
 - b) Select “Programs.”



c) Select “Turn Windows Features on or off.”

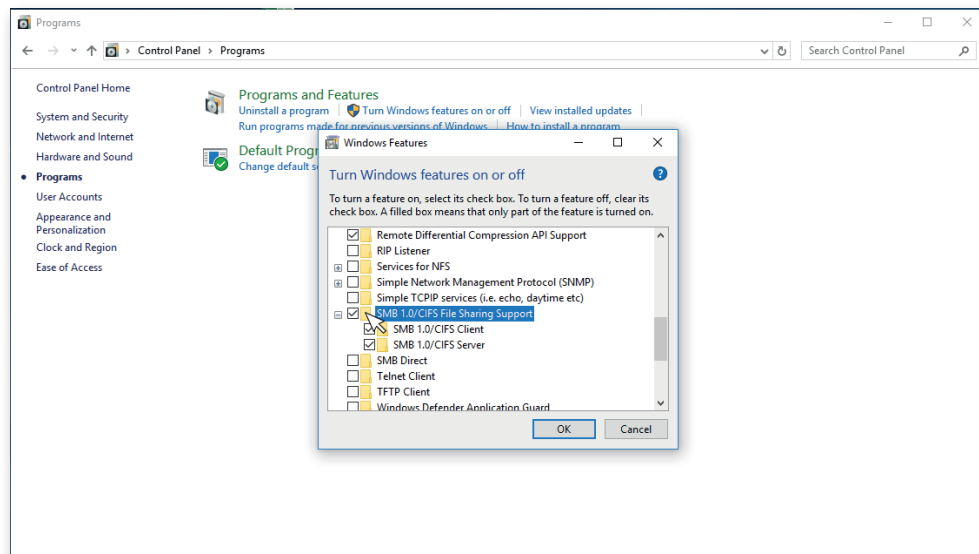


d) Scroll down to, and select, “SMB File Sharing Support.”

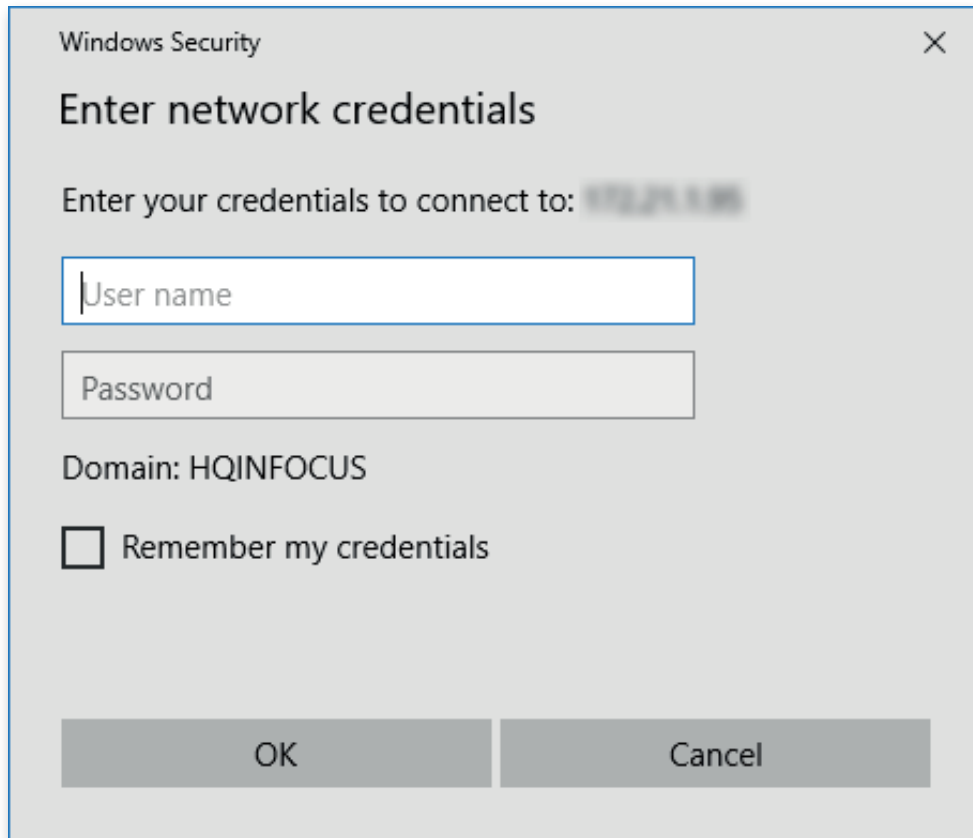
e) Select “SMB Client.”

f) Press “OK” at the bottom of the window.

NOTE: It may be necessary to restart Windows to enable SMB.



- g) Type "File Explorer" in the Windows search box.
- h) At the next window, type "\\\" followed by the panel's ip address. Press Enter.
NOTE: See **WiFi** (page 25) or **Ethernet** (page 27), under **Settings**, for the panel's ip address.
- i) Enter your network credentials.




- j) At the next window, enter the user name ("admin") and the password, if one was chosen.

Device

Display



Tap **Display**, or the Display icon.

- 1) A selection of animated and static backgrounds is available under **Wallpaper**.
 - a) Tap **Live Wallpapers**, then a wallpaper thumbnail, and then the check mark in the upper right  to select it. Tap the back arrow in the upper left to return to the previous screen.
 - b) Tap **Wallpapers**, then scroll through the list of thumbnails at the bottom of the screen. Tap a thumbnail, then **Set wallpaper**, to select it.
- 2) Tap to select **HDCP** or **DVI** as the **External source display setting**.
- 3) Tap **HDMI OUT Format** to select a frequency and a resolution.

HDMI OUT Format

- AUTO
- 1366_768
- 1080P_50HZ
- 1080P_60HZ
- 3840X2160_30HZ
- 3840X2160_50HZ
- 3840X2160_60HZ
- 480P_60HZ
- 720P_60HZ
- 3840X2160_60HZ_REAL_COLOR

CANCEL

4) Tap **Pixel Shift** and choose an interval time between shifts. Or you can choose to turn Pixel Shift off.

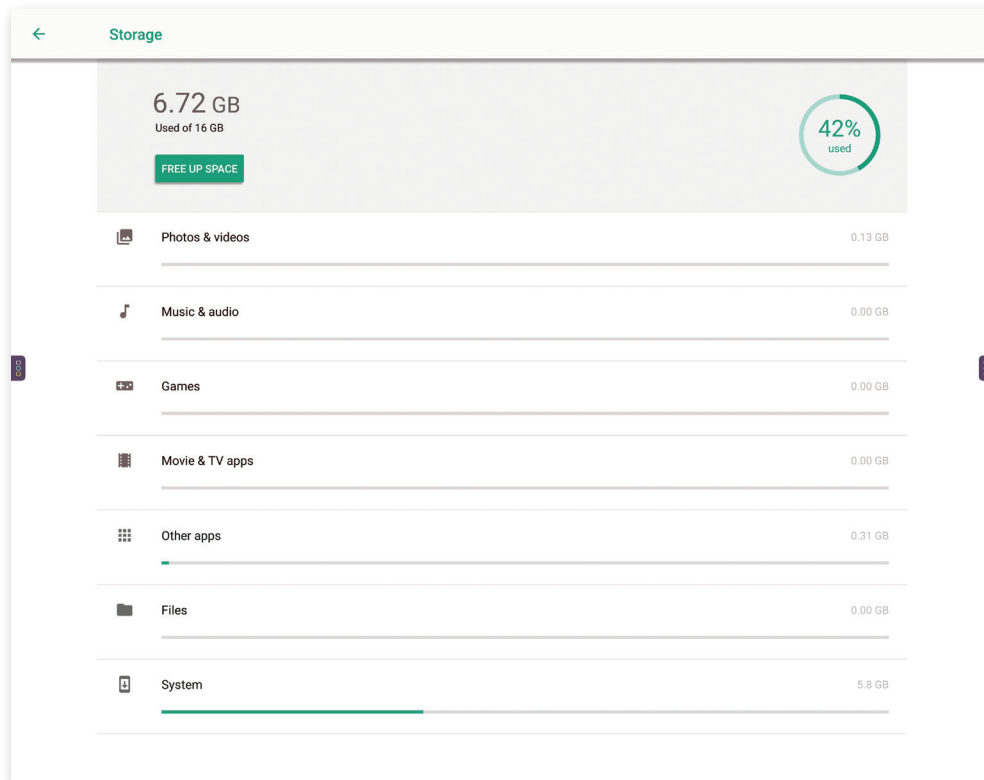
Pixel Shift

- OFF
- Interval 2 mins
- Interval 3 mins
- Interval 5 mins
- Interval 30 mins
- Interval 60 mins

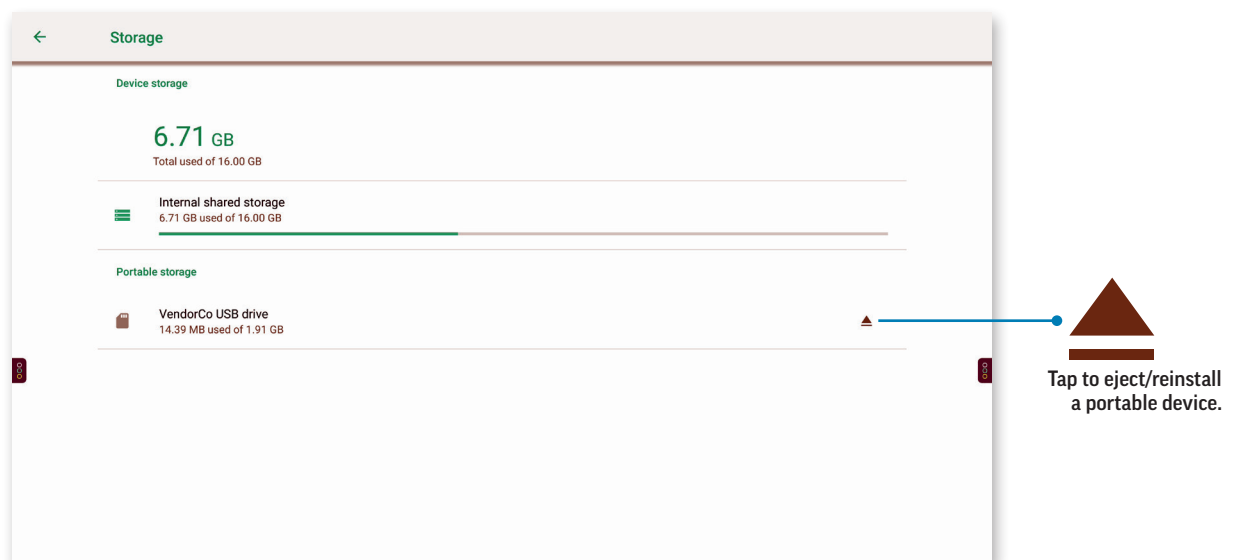
CANCEL

Storage

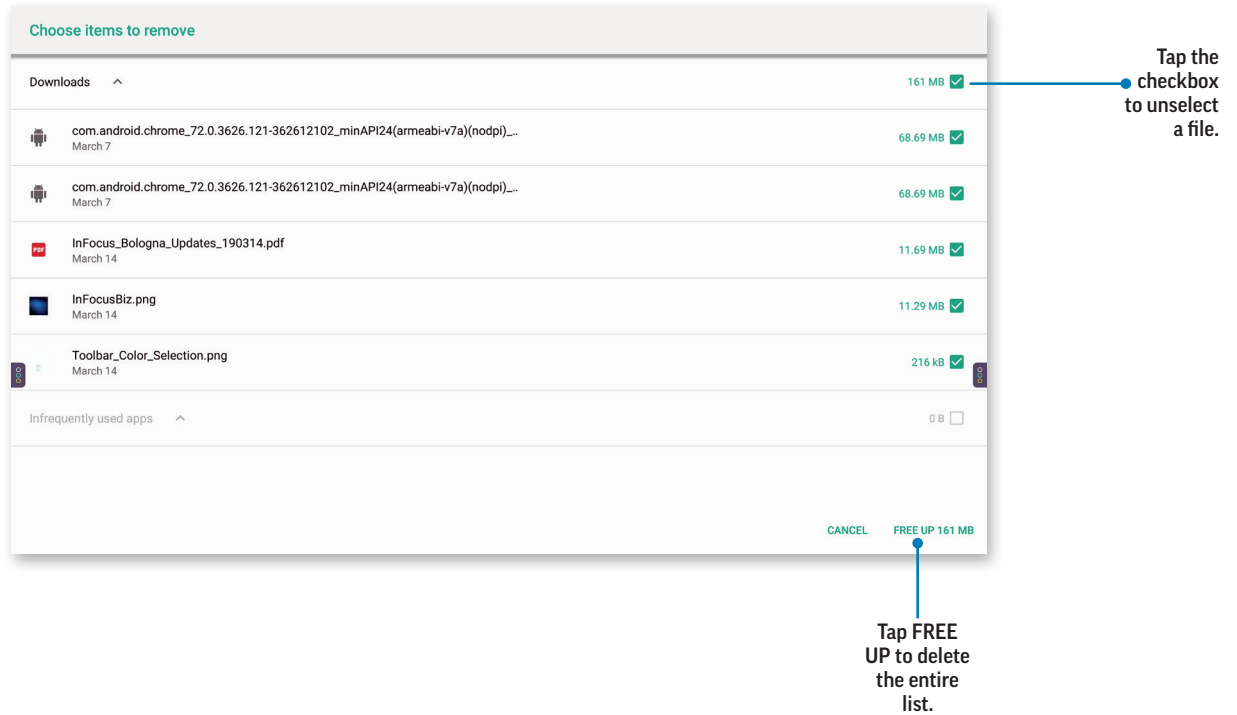
Tap **Storage**, or the Storage icon. The Storage window appears.



- 1) If a portable device is connected, the Storage window will show the amount of data used in the portable device (**Portable storage**) as well as in the system (**Device storage**).
 - a) Tap the triangular icon to the right of **Portable storage** to eject or reinstall the device.

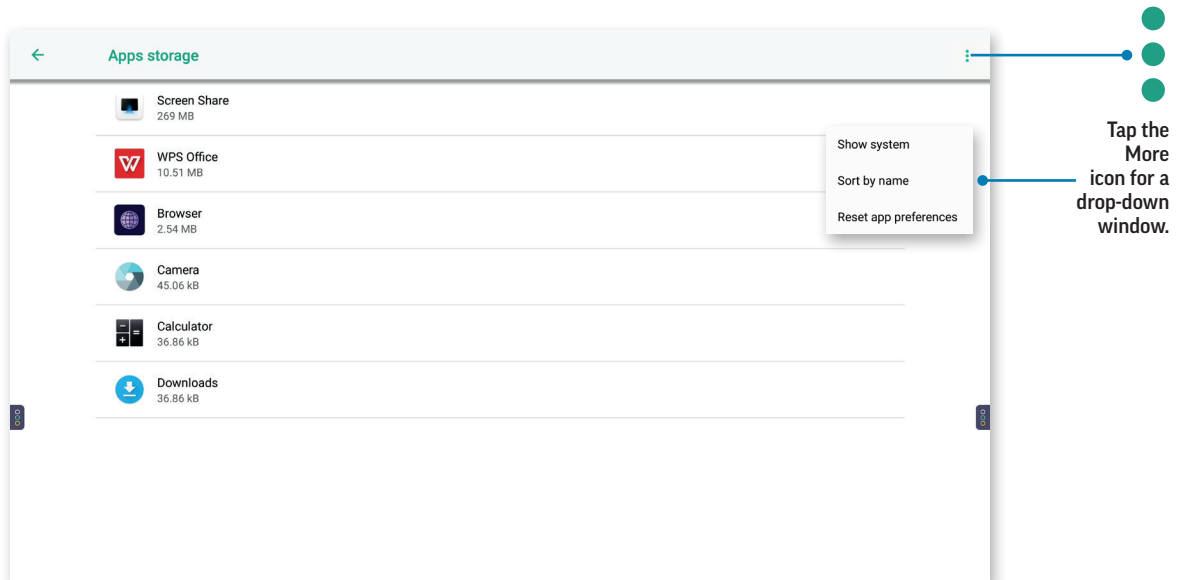


- 2) At the **Storage** window, tap a category to show the amount of data each application within the category is using. (If a portable device is connected, tap **Internal shared storage** and **Portable storage** for the same information.)
- 3) Tap the back arrow at the upper left to return to Storage. Tap **FREE UP SPACE**. The **Choose items to remove** window appears, with a list of downloads and infrequently-used apps. They are all pre-selected to be deleted.
 - a) Tap **FREE UP** at the lower right of the window to remove the entire list; tap the checkbox to the right of any file to unselect it; or tap **CANCEL** at the lower right to return to the previous screen.



Advanced storage functions

- 1) In the **Settings** menu, under **Device**, tap **Storage**, or its icon. The **Storage** window appears.
 - a) If a portable device is connected, the **Storage** window will show the amount of data used in the system (**Device storage**) as well as the portable device (**Portable storage**).
- 2) Tap a category to show a list of the applications within that category, and the amount of data used by each.
- 3) Tap the **More** icon at the upper right for a drop-down window with three selections:
 - a) Tap **Show system/Hide system** to switch between a list of all apps and their components, or only the applications.
 - b) Tap **Sort by name/Sort by size** to switch between an alphabetic list or a list based on file size.



- c) Tap **Reset app preferences**. The **Reset app preferences?** window appears. Tap **RESET APPS** to reset the preferences for all installed apps, or **CANCEL** to return to the previous screen.

Reset app preferences?

This will reset all preferences for:

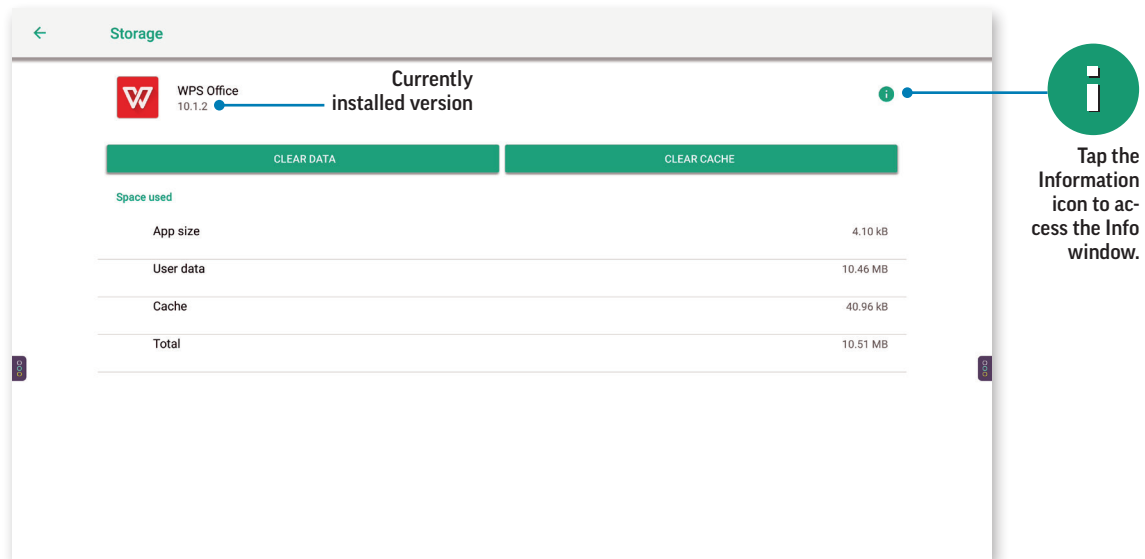
- Disabled apps
- Disabled app notifications
- Default applications for actions
- Background data restrictions for apps
- Any permission restrictions

You will not lose any app data.

CANCEL **RESET APPS**

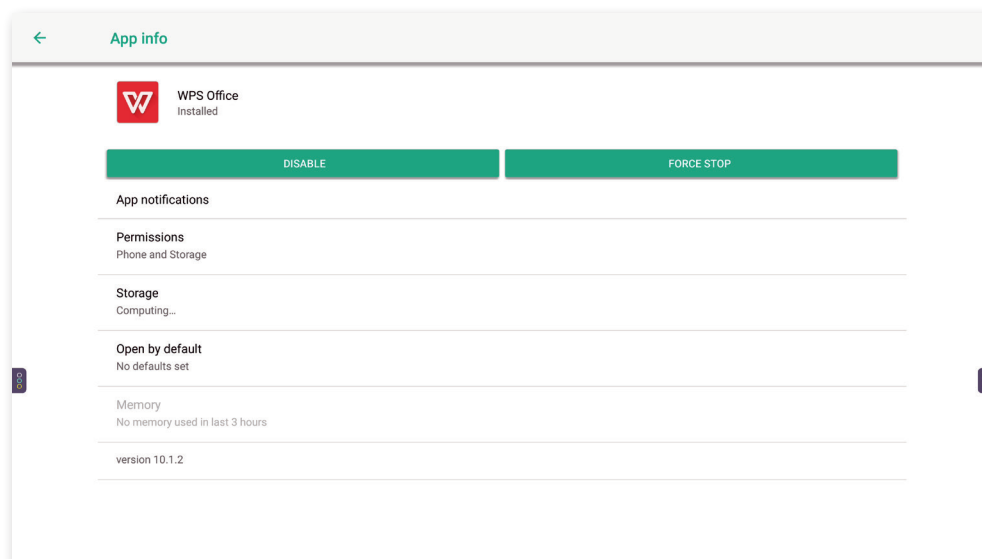
The Storage window

- 1) In the **Settings** menu, under **Device**, tap **Storage**, or its icon. Tap any category to show its applications.
Tap the name of any application, or its icon, to show the Storage window for that application. From this window you can reset the app to its original settings, clear the cache, or access additional settings.
 - a) To reset the app to its original settings, tap **CLEAR DATA**. Tap **OK** at the next window to confirm your choice.
 - b) To remove temporary files, tap **CLEAR CACHE**.
 - a) Tap the **Information icon** to access additional settings at the Info window (below).



The Info window

- 1) Follow the steps above to reach an application's **Info** window. From this window you can stop the application, as well as manage how the app is accessed and run.
 - a) To shut the app off, tap **DISABLE** (for pre-installed apps) or **UNINSTALL** (for downloaded apps). Tap **DISABLE APP** at the next window (or **OK** for downloaded apps) to confirm your choice.
 - b) To stop the application from running, tap **FORCE STOP**. Tap **OK** at the next window to confirm your choice.



- c) The remaining settings are available for most applications.
- Tap **App notifications** to turn notifications on or off. You can also allow a notification dot, sound on notification, or allow a Do Not Disturb override.
 - Tap **Permissions** to control which capabilities or information the app can access.
 - Tap **Storage** for a list of data the app is using.
 - Tap **Open by default** to choose which links open with an app and which do not.
 - Tap **Display over other apps** and **Modify system settings** to set an application's priority.

Sound



Tap **Sound**, or the Sound icon.

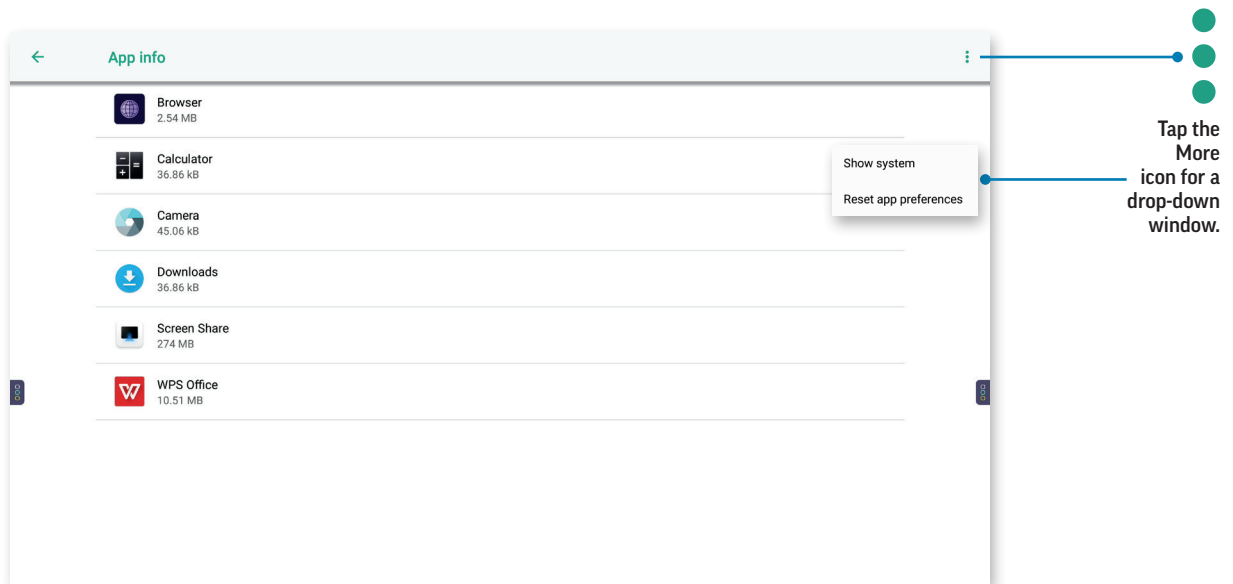
- 1) At the Sound window, you can enable/disable **Touch sounds** by tapping the On/Off button (page 25), and select the **Sound Output**: to a **Headphone**; a **LineOut**; or to the **Internal Speaker**.

Apps

Tap **Apps**, or the Apps icon.

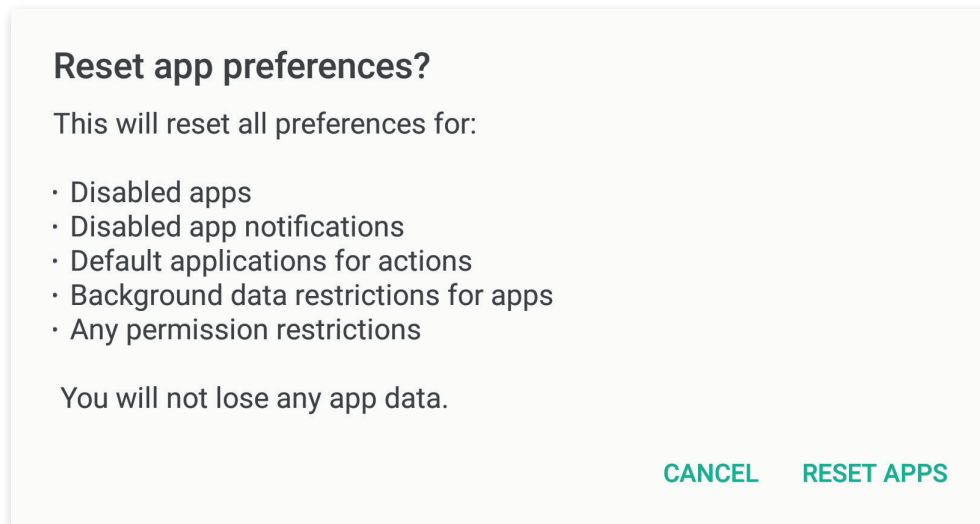


- 1) At the **App info** window, tap the **More** icon at the upper right for a drop-down window with two selections:
 - a) Tap **Show system/Hide system** to switch between a list of all apps and their components, or only the applications.



Tap the **More** icon for a drop-down window.

- b) Tap **Reset app preferences**. The **Reset app preferences?** window appears. Tap **RESET APPS** to reset the preferences for all installed applications, or tap **CANCEL** to return to the previous screen.



The Info window

From App info (above), tap any app name or its icon to access its info settings.

These setting adjustments are identical to those available through Device > Storage > Other Apps > Apps storage (page 39). Where you choose to access them is a matter of personal preference and/or expediency.

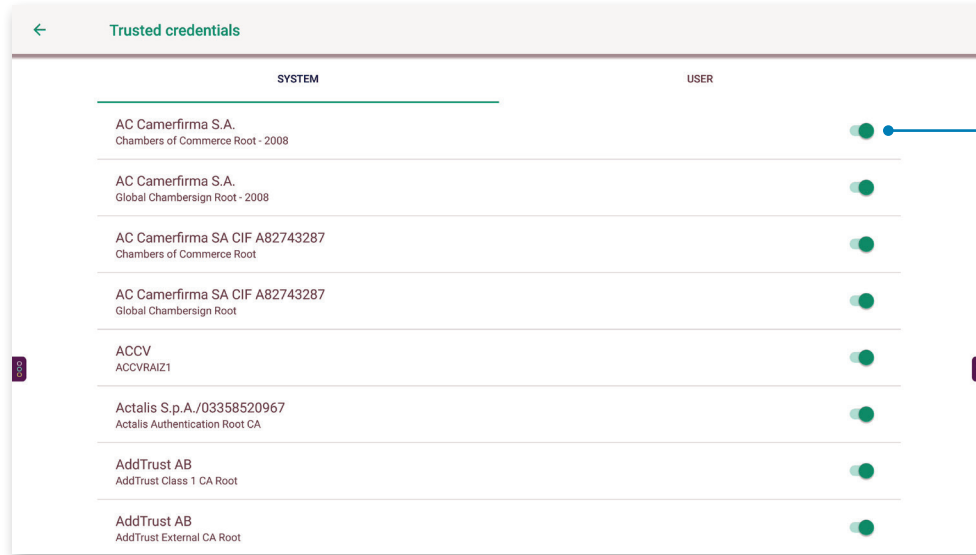
Personal

Security



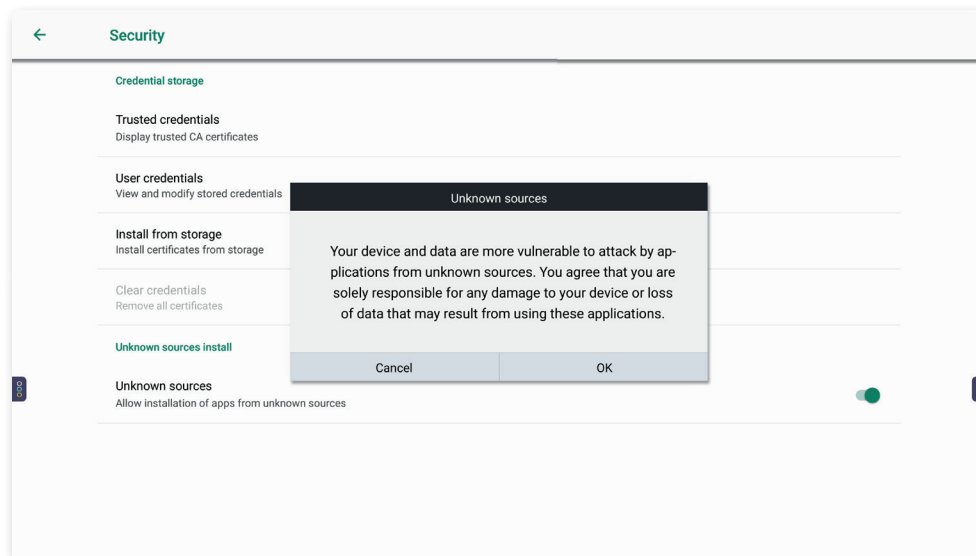
Tap **Security**, or the Security icon.

- 1) At **Credential storage**, tap **Trusted Credentials**. A list of the **System** certificate authority (CA) companies that Android regards as “trusted” (for the purpose of verifying the identity of a server) is displayed. To mark a company as not trusted, tap the On/Off button (page 25) to turn it Off.



Switch the button to Off to mark the company as not trusted.

- a) Tap a company’s name for a window with their credentials. You can also mark a company as trusted or not trusted by tapping **ENABLE/DISABLE** at the bottom of the window.
- b) Credentials can be reviewed through **User Credentials** and added through **Install from storage**.
- 2) Tap **Unknown sources install**, or the On/Off button to the right, to enable/disable installation of apps from unknown sources.
 - a) If you wish to enable the installation of apps from unknown sources, tap **OK** at the next window.



Language & input



Tap **Language & input**, or the Language & input icon.

- 1) At **Languages**, tap to choose between six languages.
- 2) At **Keyboard & inputs**:
 - a) Select **Virtual keyboard** to access settings for the two keyboard choices:
 - i) **Android Keyboard (AOSP)**:
 - 1) **Preferences** – Use the On/Off button to the right to enable/disable **Auto-capitalization** and **Sound on keypress**.
 - 2) **Appearance & Layouts** – Use the On/Off button to the right to enable/disable a split keyboard.
 - 3) **Advanced**:
 - Tap **Keyboard sound volume**. Use the slider bar to increase or decrease the keyboard sound volume.
 - Tap **Key long press delay**. Use the slider bar to increase or decrease the key long press delay.
 - ii) **Google Pinyin Keyboard**:
 - 1) Tap **Sound on keypress** or the checkbox to the right to enable/disable sound on keypress.
 - 2) Tap **Context input** or the checkbox to the right to enable/disable context input.
 - b) Select **Physical keyboard** to access the following settings:
 - i) Chicony 2.4G Multimedia Wireless Kit:
 - 1) Tap **Android Keyboard (AOSP)** and **Google Pinyin Keyboard** to choose a keyboard layout.
 - ii) Select **Hi keyboard** to choose a Hi keyboard layout for the **Android Keyboard (AOSP)** and **Google Pinyin Keyboard**.
 - ii) Select **Keyboard** to choose a keyboard layout for the **Android Keyboard (AOSP)** and **Google Pinyin Keyboard**.
 - iii) At **Keyboard assistance**, use the On/Off button to the right to show/hide the virtual keyboard while the physical keyboard is active.
- 3) **Text-to-speech output**: Reserved for future use.

Startup & shutdown

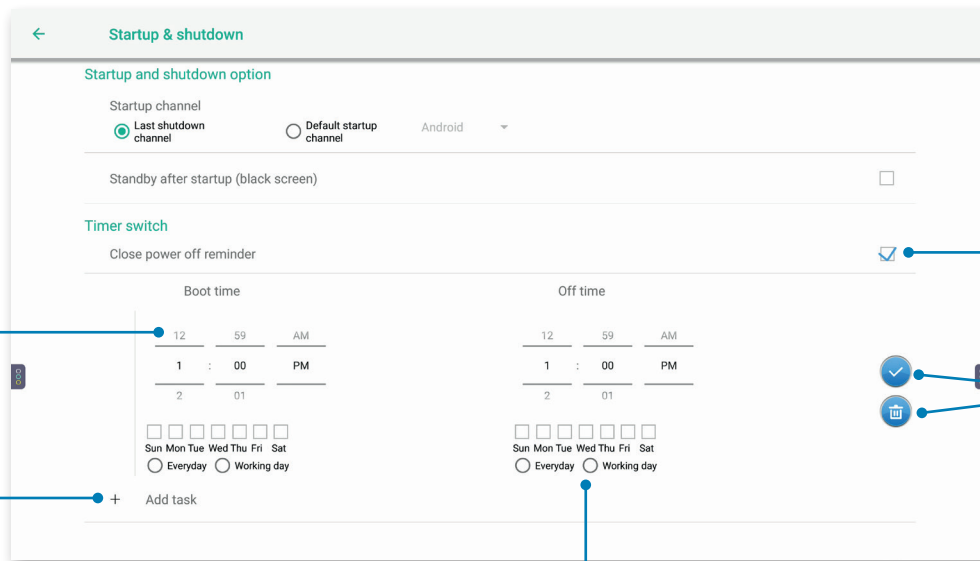


Tap **Startup & shutdown**, or the Startup & shutdown icon.

- 1) At **Startup and shutdown option**, tap to select a **Startup channel**:
 - a) **Last startup channel** (the last one running) or **Default startup channel**.
 - i) If you select Default startup channel, choose between **Android**, **ChromeOS**, **HDMI1**, **HDMI2**, or **VGA**.
 - b) Or, check the box to the right to select **Standby after startup (black screen)**.
- 2) At **Timer switch**, set an automatic **Boot time** and **Off time**:
 - a) Tap the “+” under Boot time to show a rolling clock.
 - i) Move the hour and minute dials up or down to set the Boot time and the Off time.
 - ii) Set the effective day(s) with the check boxes under the clocks, or check **Everyday** or **Working day**.
 - iii) Tap the checkmark icon, or the trash icon, to confirm or cancel your settings.
 - iv) Tap the checkbox to the right of **Close power off reminder** to enable/disable the reminder.

Move the hour and minute hands up or down to set the time.

Tap the “+” symbol to show a rolling clock.



Tap to enable/disable a power-off reminder.

Tap to confirm or cancel your settings.

Set the effective days.

Password



Tap **Password**, or the Password icon.

1) Tap **Change** to set a **Screen lock password** and a **Settings** password.

NOTE: The method to **Change**, **Clear** or **Set** a password is identical:

a) Tap inside a password box to set an insertion point; use the on-screen keyboard or a connected keyboard to enter a password.

b) Tap **Change** or **Cancel**.

NOTE: It may be necessary to move the on-screen keyboard to Change or Cancel the Settings password.

NOTE: InFocus encourages password protection to prevent unauthorized changes to administrator settings.

← Password

Screen lock password

Current Password

New Password

Confirm Password

Change Cancel

Settings password

New Password

Confirm Password

1 2 ABC 3 DEF
4 GHI 5 JKL 6 MNO
7 PQRS 8 TUV 9 WXYZ
✕ 0 . >

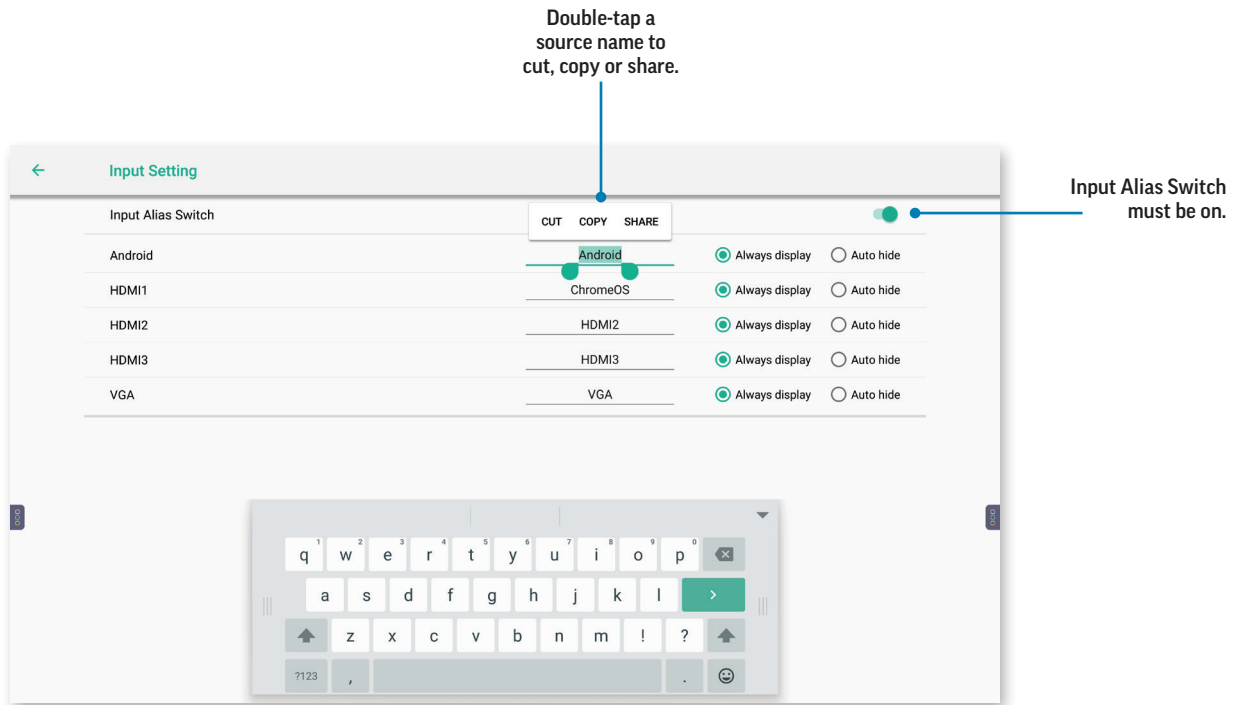
Input Setting



Tap **Input Setting**, or the Input Setting icon.

- 1) To set an alias, the **Input Alias Switch** must be enabled – turn the On/Off button (page 25), located to the right, to On.
 - a) Use the on-screen keyboard to enter a user-friendly alias. Double-tap the name of a source to **CUT**, **COPY** or **SHARE** it.
- 2) To the right of the source, choose to **Always display** or to **Auto hide** the source name from the LiveView input source selection menu (page 23).

NOTE: **Auto hide** will conceal a video source from the LiveView input source selection menu only as long as no video source is attached to it.



Other Settings

Tap **Other Settings**, or the Other Settings icon.  The available settings are:

- **Floating Annotation Settings:** Select **Slide Toolbar** to show the Total Touch Control menu as a tab (page 20); select **Universal System Toolbar** to show the Total Touch Control menu as a circle.

NOTE: In order to display the Universal System Toolbar, long-touch the panel with two fingers held approximately 2 inches (5 cm) apart.

NOTE: Selecting **Universal System Toolbar** changes the title of the next category to **FloatBar Channel Settings**.



- **SystemDock/FloatBar Channel Settings:** Choose to make the SystemDock/FloatBar Channel settings available in all channels, only in Android, or not at all.
- **Note Writing Setting:** Choose between the ability to annotate with only a **Single finger** or **Multi-finger** in Whiteboard.
- **Floating Source Button:** Turn the Floating Source Button (page 19) off, make it switch between Android and Windows, or make it switch between the last source and the present source.
- **Theme:** Choose a default background, as well as the look and feel of the Android home screen and TTC menu. Background choices are **Auto**, **Business** or **Education**.

NOTE: Other pre-installed background images are available at **Display**, in the **Device** folder (page 34).

System

Date & Time



Tap **Date & Time**, or the Date & Time icon.

- Tap the On/Off button (page 25) to the right of **Automatic date & time** to enable/disable it. With Automatic date & time disabled, you can manually **Set date** and **Set time**.

Other settings in this category include choosing a time zone, the choice between a 12-hour and a 24-hour clock, and the choice of a date format.

About device



Tap **About device**, or the About device icon.

This folder contains links to **Third-party licenses**, **Open source licenses**, and **System WebView licenses** (under **Legal information**), as well as information to identify your specific version of touch panel – the **Model number**, **Android version**, **Kernel version**, **Build number**, **Panel** identification number, the **Panel serial number**, and the **System** identification number.

System Settings

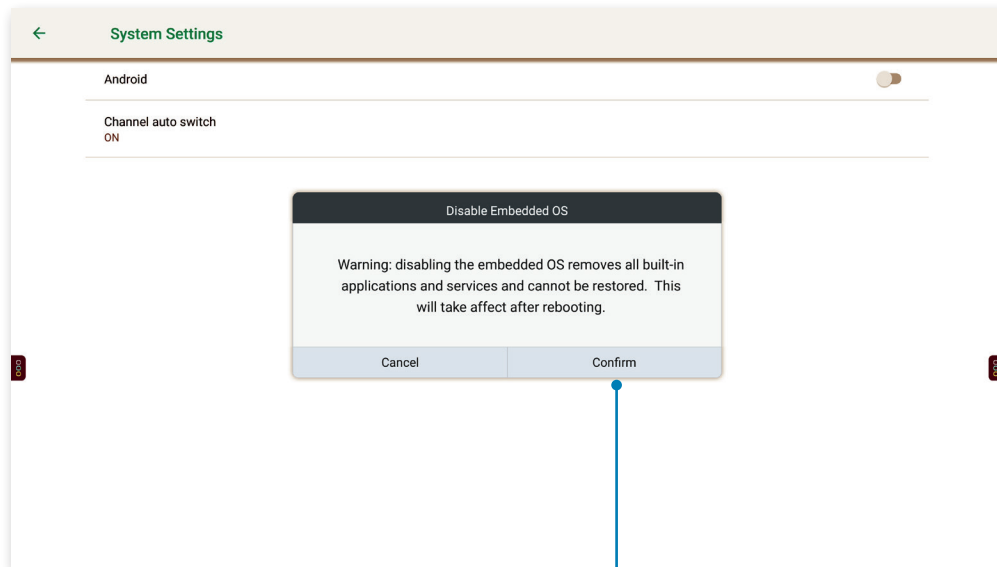


Tap **System Settings**, or the System Settings icon.

- 1) Tap **Android**, or the On/Off button to the right (page 25), to show the **Disable Embedded OS** window. Tap **Confirm** to erase all Android functions completely.

CAUTION

Selecting **Confirm** from the **Disable Embedded OS** window will erase all Android functions. Once you tap **Confirm**, there is no way to restore the Android operating system without a factory firmware update.



Selecting "Confirm" will erase the Android operating system completely.

NOTE: When the Android operating system is disabled, the front panel buttons behave as follows:

- Power: Functions as before
- Home: Now switches to the PC source
- Back: No longer functions
- Volume up and down: Function as before
- Input: Functions as before

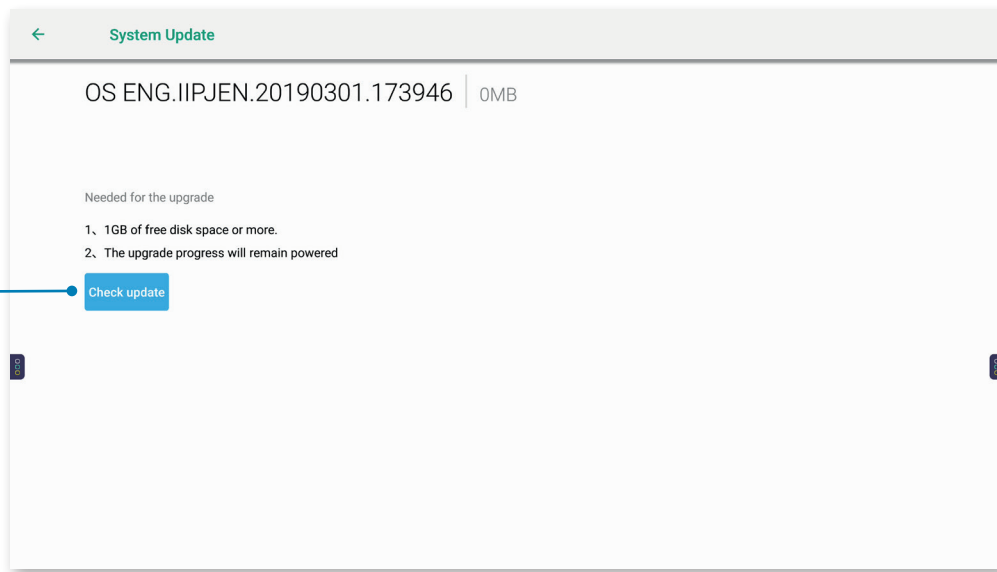
NOTE: In earlier models, touch is disabled with the Android operating system. If this is the case with your panel, use the remote control (page 11) to access sources.

- 2) Tap **Channel auto switch**; choose between Off, On or Select.

System Update

Tap **System Update**, or the System Update icon.  Press **Check update** to see if an update is available.

Tap to check for an update.



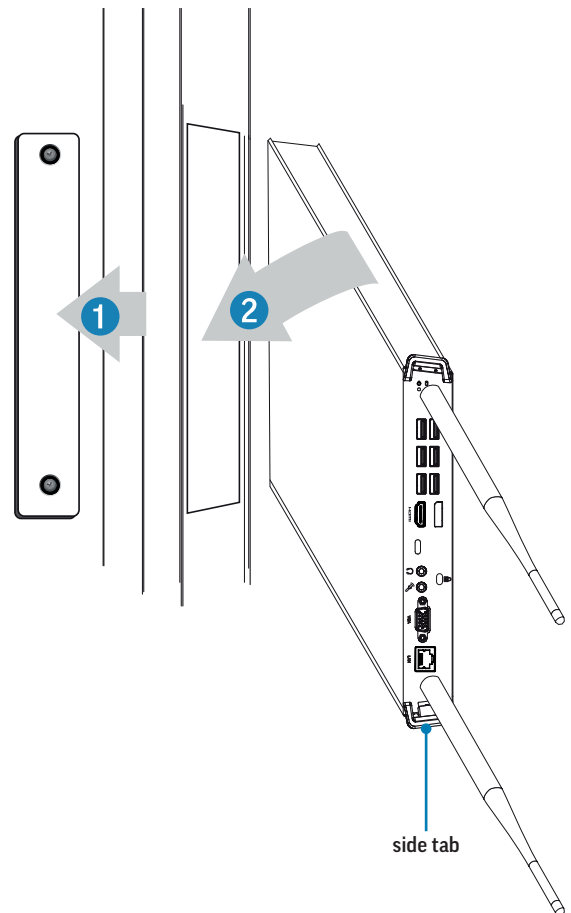
INSTALL THE PC, KEYBOARD EXTENDER & CAMERA

(The PC, Keyboard and Camera are optional accessories)

Install the PC module

- 1) Remove the PC cover plate on the right side panel by removing the two Phillips screws (1).
- 2) Insert the PC into the slot with an orientation as shown in (2).
- 3) Push gently until the side tab locks into place, and the PC is flush to the surface of the panel.

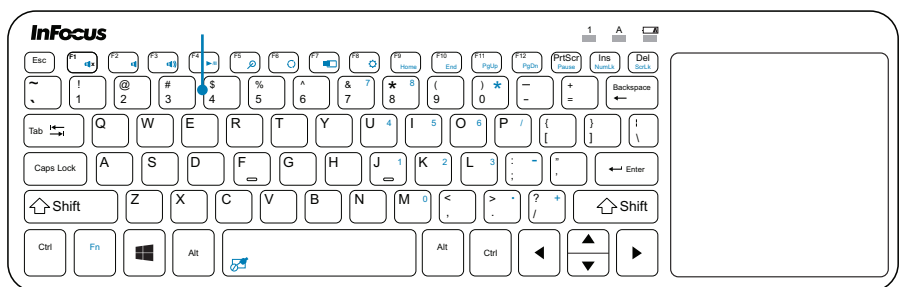
NOTE: If you should have to remove the PC, push the side tab to unlock it, then pull the PC out.



Install the keyboard extender

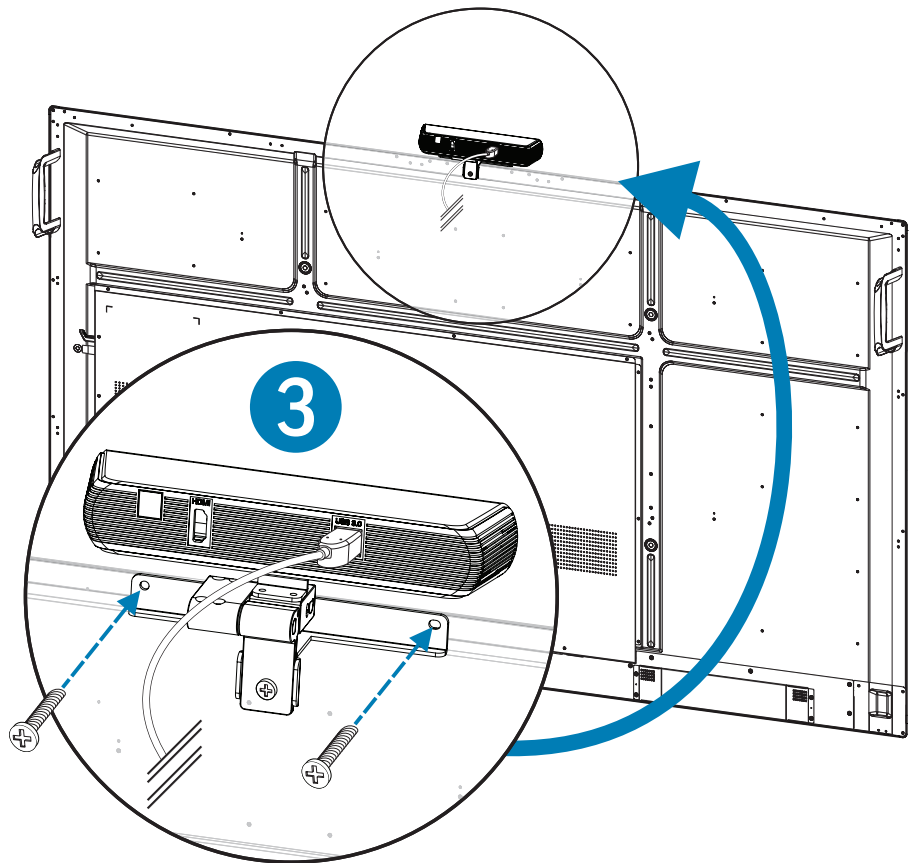
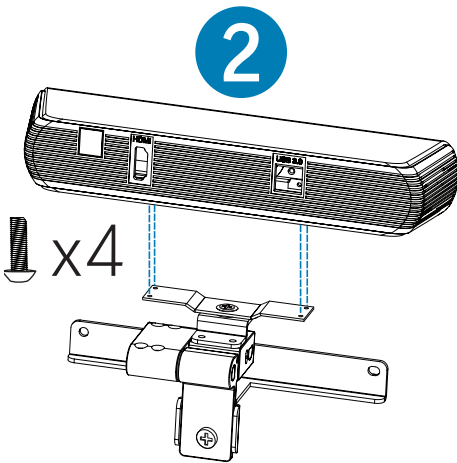
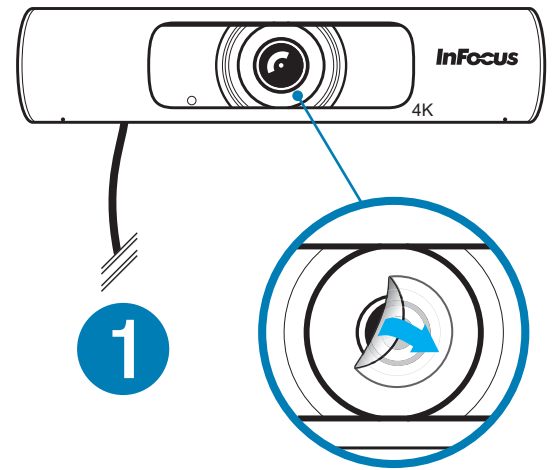
- 1) Remove the dongle from the battery compartment in the back of the keyboard.
- 2) Attach the dongle to the provided keyboard extender, then to a USB 2.0 or 3.0 port on the side panel (page 12 and page 14).

NOTE: Make certain to use the provided extender if the dongle is to be connected to a USB 3.0 port.



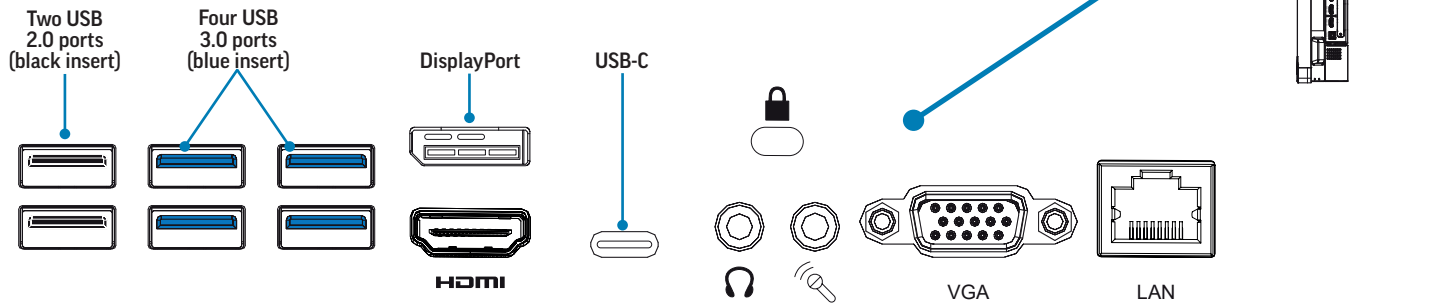
Install the camera

- 1) Remove the plastic film from the camera lens, if any is present (1).
- 2) Attach the camera to the bracket with the four provided thumbscrews (2).
- 3) Position the camera at the top of the panel, so that the two holes at either end of the bracket (3) align to two screws. Remove the screws and use them to attach the bracket, and the camera with it, to the display (3).
- 4) Plug the USB cable into a 3.0 USB port on the side of the display.



THE PC PORTS

(The PC is an optional accessory) For all panel ports, see page 12 and page 13.



Connecting the PC ports to other devices

The PC and its ports are located on the right side panel (above). This table shows how to connect them.

NOTE: A slot for a Kensington lock is located under the padlock icon.

Port	Connection Instructions
USB (x6)	Accepts a USB 2.0 (black insert) or a 3.0 device (blue insert) connection.
DisplayPort	Digital video out for Windows
HDMI Out	Digital video out for Windows
USB-C	Accepts a USB-C connection.
Headset	Connect a 3.5 mm audio cable to display either the in-line or line-out device.
Microphone	Connect a 35 mm microphone or cable for audio input. Overrides audio from all other sources when connected
VGA	Connect a VGA computer cable from the monitor to an external computer.
LAN	Connect an RJ45 cable to provide network connections for the PC module.

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LIMITED WARRANTY. InFocus' warranty obligations for the hardware products are limited to the terms set forth herein. InFocus warrants the InFocus-branded hardware products against defects in materials and workmanship under normal use for a period outlined in the Limited Warranty Periods section below from the date of retail purchase by the original end-user purchaser ("Warranty Period"). The Warranty Period starts on the date of purchase. Your dated sales or delivery receipt, showing the date of purchase of the product, is your proof of the purchase date. You may be required to provide proof of purchase and proof that the product was purchased new as a condition of receiving warranty service. If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, InFocus will either (1) repair the hardware defect at no charge, using new parts or refurbished parts that are equivalent to new in performance and reliability, (2) exchange the product with a product that is new or refurbished that is equivalent to new in performance and reliability and is at least functionally equivalent to the original product, or (3) refund the purchase price of the product. InFocus may request that you replace defective parts with customer-installable new or refurbished parts that InFocus provides in fulfillment of its warranty obligation ("Customer Self Repair"). A replacement product or part, including a Customer Self Repair part that has been installed in accordance with instructions provided by InFocus, assumes the remaining warranty of the original product or ninety (90) days from the date of replacement or repair, whichever provides longer coverage. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes InFocus' property. Parts provided by InFocus in fulfillment of its warranty obligation must be used in products for which warranty service is claimed. When a refund is given, the product for which the refund is provided must be returned to InFocus and becomes InFocus' property. This is your exclusive remedy for defective products. Limited Warranty Periods vary depending on your product model and the country of purchase. To review the warranty period associated with your product model, please refer to the product specifications information on www.infocus.com. By inputting your product model in the Quick Search box on the website, you will find warranty terms in the Specifications matrix.

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To enable InFocus to provide the best possible support and service during the Limited Warranty Period, you will be required to:

- Maintain a proper and adequate environment, and use the InFocus hardware products in accordance with the instructions furnished.
- Verify configurations, load most recent firmware, install software patches, run InFocus diagnostics and utilities, and implement temporary procedures or work-arounds provided by InFocus while InFocus works on permanent solutions.
- Allow InFocus to keep resident on your systems or sites certain system and network diagnosis and maintenance tools to facilitate the performance of warranty support (collectively referred to as "Proprietary Service Tools"); Proprietary Service Tools are and remain the sole and exclusive property of InFocus.

Additional Limitations:

- Products external to the system processor (CPU) box, such as external storage subsystems, printers and other peripherals, are covered by the applicable warranty for those products or options.
- An effective repair does not necessarily require the replacement of a defective part. For example, updating revision levels of ROM BIOS on a PCA board is an activity that in many instances delivers an effective repair.
- BIOS/Firmware upgrades are not covered under the Limited Warranty. Firmware that is an integral part of the option hardware board is not automatically upgraded when new versions of firmware are released.
- It is the responsibility of the customer to ensure that their software is compatible with the latest BIOS/firmware revision.

This Limited Warranty does not apply: (a) to consumable or expendable parts, such as batteries, or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship; (b) to cartons, carrying cases, shipping cases, external cabinets, accessories used in connection with the product; (c) to cosmetic damage, including but not limited to scratches, dents, and broken plastic on ports; (d) to damage caused by use with non-InFocus products; (e) to damage caused by accident, abuse, misuse, improper ventilation, smoke exposure, contamination, improper or inadequate maintenance, cleaning or calibration, liquid contact, unusual physical or electrical stress and/or power surges, virus infection, fire, earthquake, disaster, lightning or other external causes; (f) to damage caused by operating the product outside the permitted or intended uses or usage parameters described by InFocus (including burned display screens and incorrect input voltage); (g) to damage caused by service (including upgrades and expansions) performed by anyone other than a representative of InFocus or an InFocus Authorized Service Provider ("ASP") or your own installation of customer-installable parts as instructed by InFocus; (h) to a product or part that has been modified to alter functionality or capability without the written permission of InFocus (including use of an unauthorized mount); (i) to defects caused by normal wear and tear or otherwise due to the normal aging of the product; (j) to failure to follow maintenance procedures as outlined in the product user documentation including where a schedule is specified for regular cleaning of certain parts (based on usage and environment); (k) to loss or damage in transit; or (l) if the product is not used under normal operating conditions which are defined as use not in excess of 16 hours continuously per day with a minimum 8 hour period of continuous rest in the powered off state; or (m) if any InFocus serial number has been removed or defaced. In addition, LCD burn-in as a result of excessive display of static images on the product is not covered under the terms of this Limited Warranty.

Important: Do not open the hardware products unless otherwise directed by InFocus for the purposes of a Customer Self Repair (CSR). Opening the hardware products may cause damage that is not covered by this Limited Warranty. Only InFocus or an ASP should perform service on the hardware products.

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Customer Self Repair InFocus products are designed with many Customer Self Repair (CSR) parts to minimize repair time and allow for greater flexibility in performing defective parts replacement. If during the diagnosis period, InFocus identifies that the repair can be accomplished by the use of a CSR part, InFocus will ship that part directly to you for replacement. There are two categories of CSR parts:

- Parts for which customer self repair is mandatory. If you request InFocus to replace these parts, you will be charged for the travel and labor costs of this service.
- Parts for which customer self repair is optional. These parts are also designed for customer self repair. If, however, you require that InFocus replace them for you, this may be done at no additional charge under the type of warranty service designated for your product. Based on availability and where geography permits, InFocus will attempt to ship CSR parts out the next business day. Customer receipt will vary based upon the actual part, customer location and shipping method. Next Day service may be offered at an additional charge where geography permits. If assistance is required, you can call the InFocus Technical Support Center and a technician will help you over the phone. InFocus specifies in the materials shipped with a replacement CSR part whether a defective part must be returned to InFocus. In cases where it is required to return the defective part to InFocus, you must ship the defective part back to InFocus within a defined period of time, normally five (5) business days, and clearly display the Return Material Authorization (RMA#) on the outside of the shipping carton or a similar package affording an equal degree of protection. The defective part must be returned with the associated documentation in the provided shipping material. Failure to return the defective part may result in InFocus charging you for the replacement. With a Customer Self Repair, InFocus will pay all shipping and part return costs and determine the courier/carrier to be used.

Upon receipt of the replacement product or part, the original product or part becomes the property of InFocus and you agree to follow instructions, including arranging the return of original product or part to InFocus in a timely manner. When providing a product exchange or Customer Self Repair (CSR) part requiring the return of the original product or part, InFocus may require a credit card authorization as security for the retail price of the replacement product or part and applicable shipping costs. When returning product to InFocus, a Return Material Authorization Number (RMA #) is required and must be clearly displayed on the outside of the shipping carton or a similar package affording an equal degree of protection. Service options, parts availability and response times may vary according to the country in which service is requested. Service options are subject to change at any time. You may be responsible for shipping and handling charges if the product cannot be serviced in the country in which service is requested. If you seek service in a country that is not the country of original purchase, you will comply with all applicable import and export laws and regulations and be responsible for all custom duties, V.A.T. and other associated taxes and charges. Where international service is available, InFocus may repair or exchange defective products and parts with comparable products and parts that comply with local standards. In accordance with applicable law, InFocus may require that you furnish proof of purchase details and/or comply with registration requirements before receiving warranty service. Resources with more details on this and other matters on obtaining warranty service are described below.

PRIVACY. InFocus will maintain and use customer information in accordance with the InFocus Privacy Policy available at www.infocus.com/privacy and InFocus's applicable legal obligations.

BACKUP. If your product is capable of storing software programs, data and other information, you should protect its contents against possible operational failures. Before you deliver your product for warranty service it is your responsibility to keep a separate backup copy of the contents, remove all personal information and data that you want to protect and disable any security passwords. **THE CONTENTS OF YOUR PRODUCT WILL BE DELETED AND THE STORAGE MEDIA REFORMATTED IN THE COURSE OF WARRANTY SERVICE.** Your product or a replacement product will be returned to you as your product was configured when originally purchased, subject to applicable updates. InFocus may install system software updates as part of warranty service that will prevent the hardware from reverting to an earlier version of the system software. Third party applications installed on the hardware may not be compatible or work with the hardware as a result of the system software update. You will be responsible for reinstalling all other software programs, data and passwords. Recovery and reinstallation of software programs and user data are not covered under this Limited Warranty.

RESOURCES. Support and service information including Authorized Distributor and Authorized Service Provider locations is available at: www.infocus.com/support.

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FCC Warning

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 the 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. Changes or modifications not expressly approved by InFocus Corporation may void authority to operate the equipment.

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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user’s authority to operate the equipment.

Canada

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

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

Industry Canada Statement

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

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

Industry Canada, Products with Detachable Antennas

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Any radio transmitter installed with this product has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (identifier le dispositif par son numéro de certification ou son numéro de modèle s'il fait partie du matériel de catégorie I) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

EU/EEC

Warning: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Europe Wireless (WiFi)

This product may operate at fundamental frequencies of 2.4 and 5 GHz. Each frequency outputs a maximum of 100 mW of power.

Dieses Produkt arbeitet möglicherweise mit Basis Frequenzen von 2.4 und 5GHz. Jeder dieser Frequenzbereiche sendet mit einer maximal Leistung von 100 mW.

Agency Approvals

See product certification label. This document applies to regulatory model: D103, D104, D105, D106, D107, D108, D109. Input ratings: AC 100-240V AC, 50-60Hz, D103 (5.0A), D104 (5.5A), D105 (3.0A), D106 (2.5A), D107 (4.0A), D108 (4.0A), D109 (6.0A). InFocus reserves the right to alter product offerings and specifications at any time without notice