



SMART Chromebox OPS CB13-i3 | CB13-i5

User guide

CB13-i3 | CB13-i5



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Learn more

This guide and other resources for SMART Chromebox OPS 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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February 2, 2026

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About

The SMART Chromebox® OPS module, fully compatible with select SMART Board® interactive displays, provides an easy gateway into a Google ChromeOS environment for schools and businesses.

Stay consistent with the ecosystem you know, and upgrade and extend the lifespan of your SMART display. The Chromebox brings all the functionality that you'd expect from a Chromebook (such as complete integrations with the G-Suite) combined with reliability that SMART is known for.

For a list of compatible displays:

See > support.smarttech.com/docs/opscompatibility



Installing

You or your organization's installers can install the SMART Chromebox OPS module in a supported SMART Board interactive display's accessory slot following the module's installation instructions.

See > *SMART Chromebox OPS illustrated installation instructions* (docs.smarttech.com/kb/172051)

Caution

Do not install or remove the Chromebox 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.

Once installed, you can view the Chromebox's input on the display. Refer to your display's support documentation on how to view a connected computer's input.

Turning on the module for the first time

Important

Install the module before you turn on the display.

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

Configuring the module

After the initial on-screen set up, adjust the power settings for the Chromebox so that the display behaves as expected when waking from sleep:

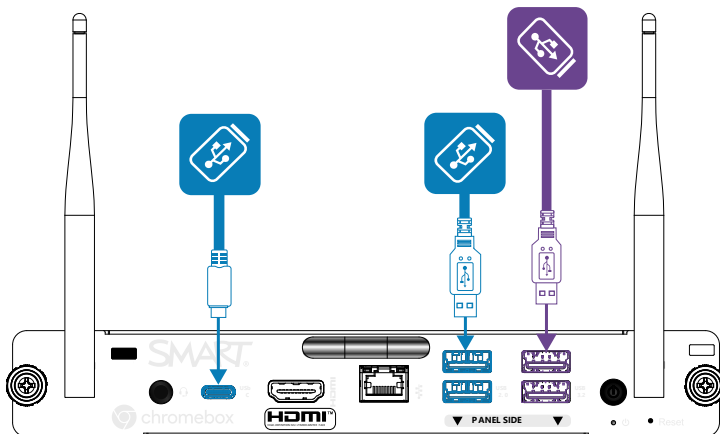
Open **Settings** and tap **System Preferences** > **Power** > **When idle** > **Keep display on**.

The following additional configuration settings are optional, but recommended for the best experience:

1. **Configure volume settings:** When using the Chromebox, you'll see volume controls on-screen (from the ChromeOS) and the physical volume buttons on the SMART Board display itself. To simplify things, SMART recommends setting the Chromebox's volume to maximum and then using the display's volume buttons to adjust sound. This avoids having to manage two separate volume levels.
2. **Change the position of the app shelf:** Adjust the alignment of the app shelf so that it doesn't overlap with the toolbar on the SMART Board display with iQ.
 - a. If the app shelf isn't visible, swipe up on the screen.
 - b. Press and hold an area of the shelf to view the options menu and select **Always show shelf**.
 - c. Press and hold the shelf again and select **Shelf position > Right** or **Left**.

Connecting USB drives, peripherals, and other devices

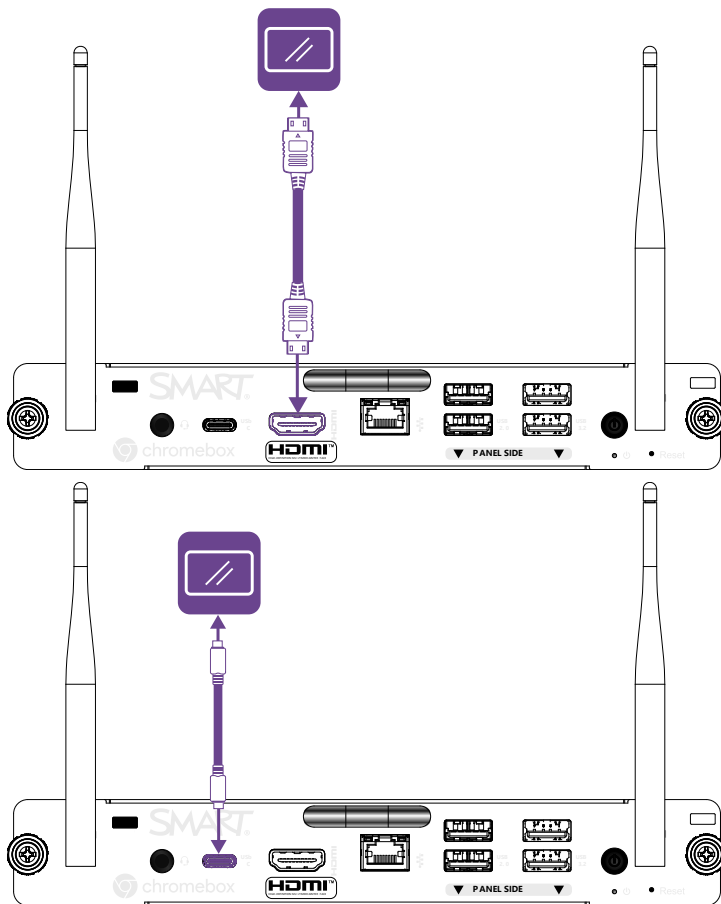
You can use USB drives, peripherals, and other devices with the Chromebox by connecting those devices to the module's USB 2.0 Type-A, USB 3.2 Gen 1 Type-A, and USB Type-C receptacles.



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.

Connecting external displays

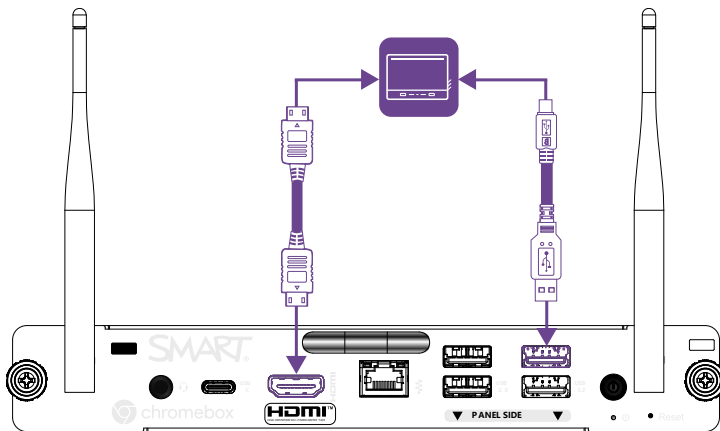
You can connect an external display to the HDMI out or USB Type-C connector on the Chromebox (rather than the connectors on the display). This allows you to duplicate the Chromebox's desktop to the external display.

**Note**

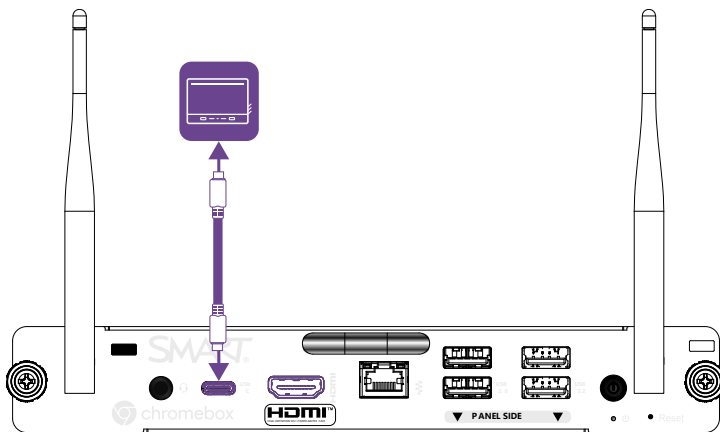
Because of limitations in ChromeOS, using the HDMI out or USB-C connectors to extend the Chrome desktop to an external display may cause touch to behave unexpectedly. SMART recommends using the **Mirror Built-in Display** option for connected displays in Chrome's settings instead.

Connecting the Chromebox OPS module to a second SMART Board interactive display

You can connect a Chromebox installed in one SMART Board interactive display to a second interactive display by connecting an HDMI cable from the Chromebox's HDMI out connector to one of the second display's HDMI in connectors. Also connect a USB cable from one of the Chromebox's USB Type-A receptacles to the appropriate USB Type-B receptacle on the second display.



Alternatively, if the second interactive display has a USB Type-C input, you can connect a USB cable from the Chromebox's USB Type-C receptacle to one of the second display's USB Type-C receptacles.



Note

Because of limitations in ChromeOS, using the HDMI out or USB-C connectors to extend the Chrome desktop to an external display may cause touch to behave unexpectedly. SMART recommends using the **Mirror Built-in Display** option in Chrome's settings instead.

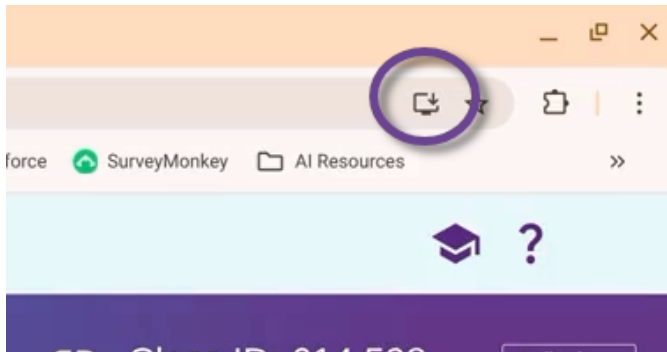
Using Lumio by SMART on the Chromebox

Lumio is a web-based app that you can always access through a browser. However, if you use Lumio frequently, you can create a personal web app and pin it to your ChromeOS app shelf. This allows you to open Lumio with a single click and get started right away.

The Lumio web app includes all the same features and tools as the browser version, making it a convenient option for quickly accessing your lesson files and delivering interactive learning experiences.

To create a Lumio web app

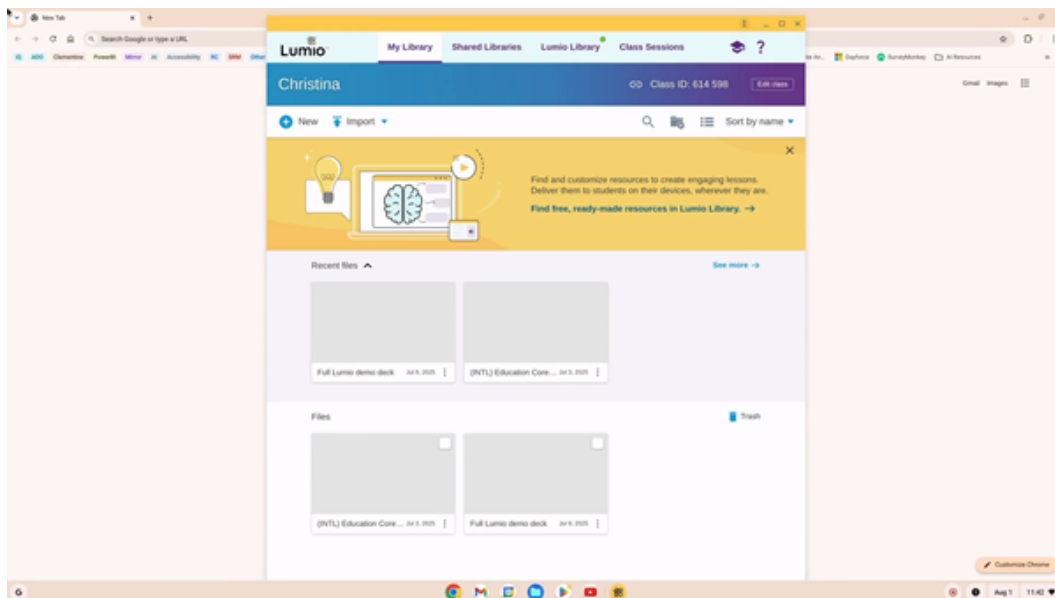
1. Open the Chrome browser and navigate to [Lumio \(lum.io\)](https://lumio.io).
2. Sign in to your Lumio (SMART) account.
3. In the navigation bar, tap the Install  icon that appears in the address bar.



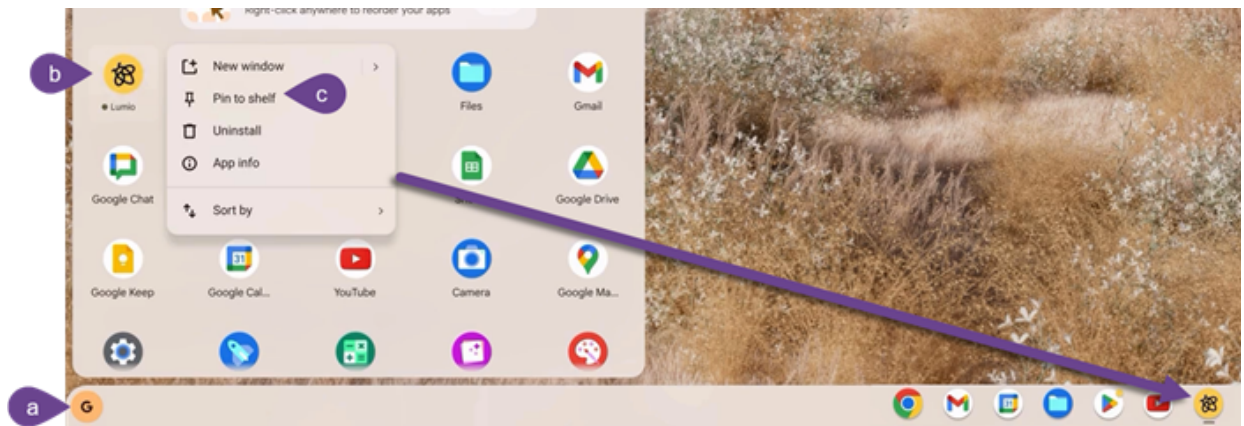
Tip

You can also tap **More**  **> Cast, save, and share > Install page as app.**

Lumio opens in an app window:



4. You can pin the app to the app shelf for quick access by (a) opening the app launcher, (b) pressing and holding the Lumio app and (c) selecting Pin to shelf:



Troubleshooting

This page explains how to resolve a variety of common problems with the SMART Chromebox OPS module.

Note

The troubleshooting information on this page is organized into three types of checklists:

What to keep in mind	Information you should be aware of when troubleshooting an issue
What to check	Items you should verify when troubleshooting an issue
What to try	Actions you should perform to either resolve an issue or identify an issue's underlying cause

What seems to be the problem?

- **The on-screen keyboard isn't visible.**

☒	What to try
	Enable the on-screen keyboard. See > Use the On-Screen Keyboard (OSK) to type

- **Touch on the display stopped working.**

☒	What to try
	If an external display or monitor that is connected to the OPS module using an HDMI or USB-C connection, the ChromeOS may have registered it as the main display, transferring touch input to that display instead of the SMART Board interactive display. In these scenarios, SMART recommends using the Mirror Built-in Display option for connected displays in Chrome's settings instead. See > Connect your Chromebook to a monitor

- **The SMART Chromebox OPS module isn't responding.**

☒	What to try
	Restart the OPS module: 1. Press and hold the power button on the OPS module. 2. Wait two minutes. 3. Press the power button to turn on the OPS module.

- **There is an issue with Bluetooth.**

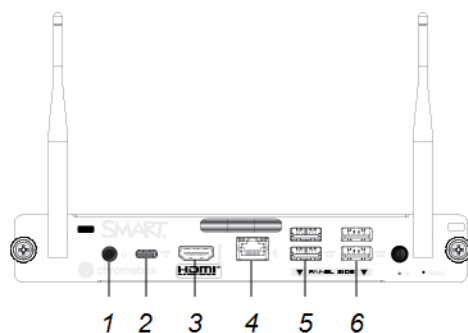
☒	What to try
	See › Learn about connecting and troubleshooting Bluetooth devices

- **There is an issue with the network connection.**

☒	What to try
	See › Troubleshoot Chrome network issues

Connectors

The following diagram and table present the connectors on the series of SMART OPS modules:



No.	Connector	Connects to	Notes
1	Stereo 3.5 mm	Headphones or headsets	N/A
2	USB Type-C	Supported USB drives, peripherals, and other devices	This connector supports up to 15 W power delivery. <i>See > Connecting USB drives, peripherals, and other devices on page 6</i>
3	HDMI	External video source or display	<i>See > Connecting external displays on page 6</i>
4	RJ45	N/A	The Chromebox OPS module uses the SMART Board interactive display's network connection (if available), so you typically don't need to connect the module directly to a network.
5	USB 3.2 Gen 1 Type-A (×2)	Supported USB drives, peripherals, and other devices	<i>See > Connecting USB drives, peripherals, and other devices on page 6</i>
6	USB 2.0 Type-A (×2)	Supported USB drives, peripherals, and other devices	<i>See > Connecting USB drives, peripherals, and other devices on page 6</i>

Certification and compliance

Federal Communication Commission interference statement

FCC

Suppliers Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Unique Identifier: 0WI

Responsible Party – U.S. 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 B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

⚠ 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.

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 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.

⚠ Advertissement

- i. les dispositifs fonctionnant dans la bande 5 150-5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
 - ii. le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5 250-5 350 MHz et 5 470-5 725 MHz doit se conformer à la limite de p.i.r.e.;
 - iii. le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5 725-5 825 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas.
 - iv. De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.
- 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 radio equipment type OPS Appliance, regulatory model OWI complies with Directive 2014/53/EU and UK Radio Equipment Regulations 2017.

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

⚠ Warning

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

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

Transmitting Band (MHz)	Maximum Transmit Power (conducted dBm)
2400-2483.5	19.81
5150-5350	22.95
5470-5725	21.72
5725-5825	11.28
5925-6425	19.24



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



UK

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.

Japan statement – applicable only to models certified for sale in Japan

日本国内は100V交流動作のみに制限されています。

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

電波法により5.2/5.3 GHz帯は屋内使用に限ります。

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

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

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

Hardware environmental compliance

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

Waste Electrical and Electronic Equipment (WEEE Directive)



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

Batteries (Battery Regulation)



The product contains a 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

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