

PHILIPS

Monitors

SmartControl

User Manual for Windows

EN

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1. Overview

SmartControl is an application designed specifically for Philips monitors. It enables you to manage either a single Philips monitor or multiple monitors as a group. With its simple and intuitive interface, you can bypass the operations in the monitor's OSD (On - Screen Display) menu and quickly adjust the monitor settings. Whether it's for daily office work, creative design, or leisure and entertainment, this application allows you to promptly optimize your monitor for the best performance, significantly enhancing your user experience and work efficiency.

1.1 System Requirement

SmartControl supports the following Microsoft Windows:

- Windows 10 (x64 version);
- Windows 11 (x64 version);
- ARM version Windows 11 (arm64).

Note

- Some features in this manual may not be supported by your monitor. As a result, your software interface may differ.
- Screenshots in this user manual are for illustrative purpose only.

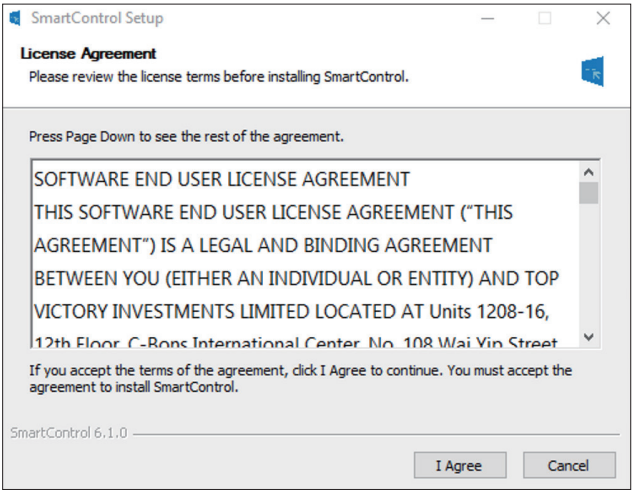
1.2 Hardware Requirement

To be able to use SmartControl application normally, the minimum hardware requirements are as follows

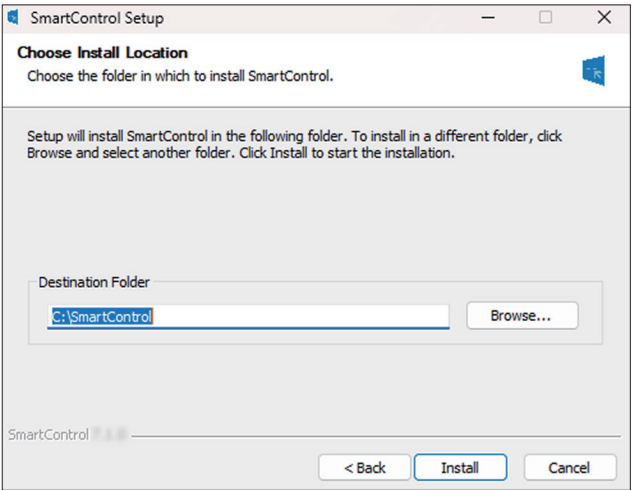
- The free space size of the hard disk is more than 500MB;
- Memory is more than 2GB;
- Available Internet connection;
- Connect to Philips Monitor that can support SmartControl application.

2. Windows Installation

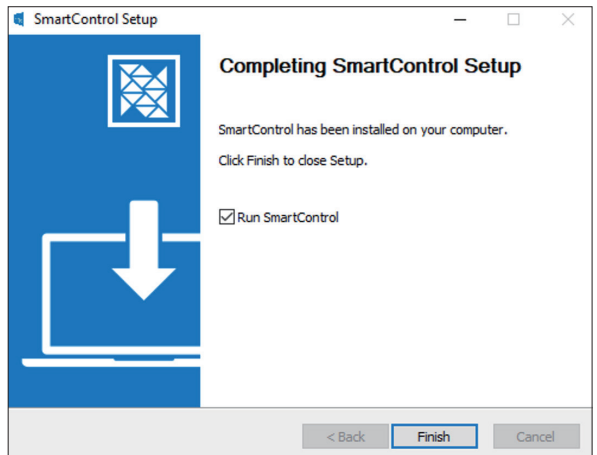
1. Download the SmartControl executable program, and double click the **exe** file to start the installation.
2. Accept the license agreement by selecting the **I Agree** button.



3. Select the Destination folder. Click Browse to open file explorer and select another destination folder.
4. Confirm Installation by pressing the Install button.



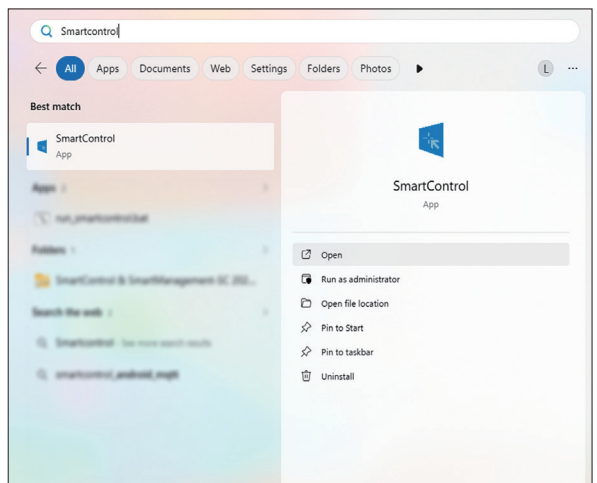
5. Click Finish to complete installation. Congratulations on installing SmartControl!



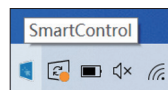
3. Open Methods

There are 3 ways to access the SmartControl application.

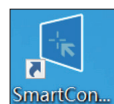
1. Start Menu > SmartControl



2. Taskbar > Right click on the taskbar icon



3. Shortcut on Desktop



4. Software Update

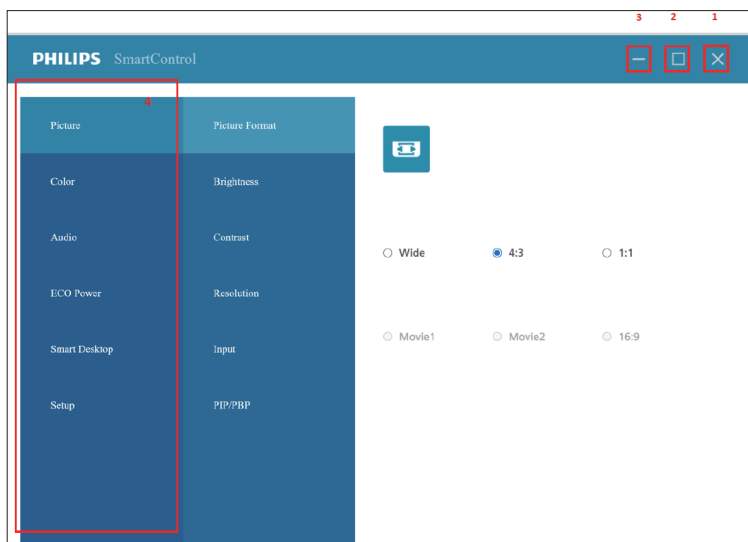
- Select automatic upgrade in the tray, and the next time you enter the SmartControl home page, the software will automatically check for updates.



If there is no network connection, SmartControl will not be able to detect updates.

5. Home

- Open the SmartControl application and enter the home page.

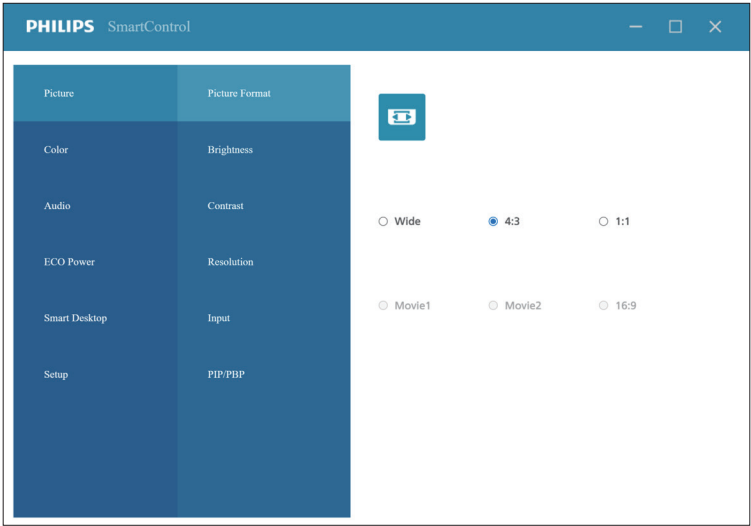


1. **Close:** Click to close the application interface. The actual application is still running in the background.
2. **Maximize/Restore:** Click to switch the interface to zoom in/restore the display.
3. **Minimize:** Click to minimize the interface to the toolbar.
4. **Navigation:** Picture/Color/Audio/Eco Power/Smart Desktop/Settings.

5.1 Picture

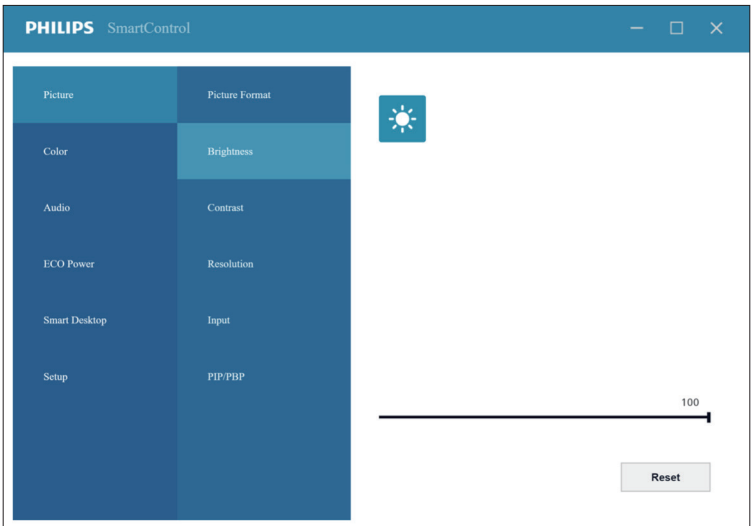
5.1.1 Picture Format

- Adjust the picture format to different aspect ratios.



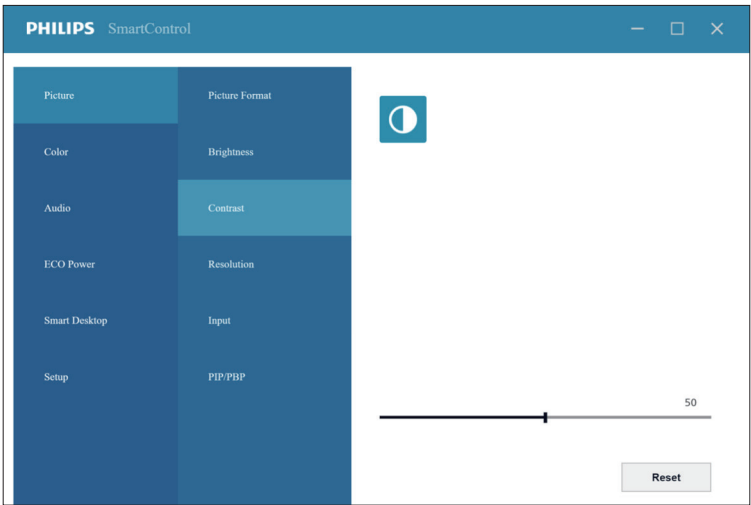
5.1.2 Brightness

- Slider 0-100. The brightness bar shows the device's current brightness level.
- Adjust the output of the backlight to reduce eyestrain.



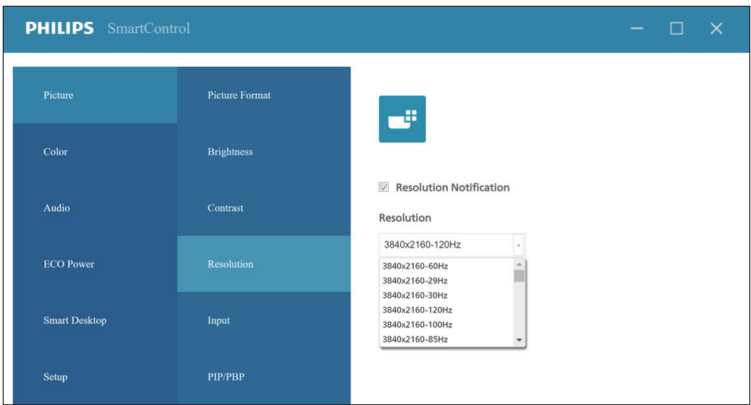
5.1.3 Contrast

- Slider 0-100. The contrast bar shows the device's current contrast level.
- Adjust the contrast ratio between the luminance of the brightest white and darkest black.



5.1.4 Resolution

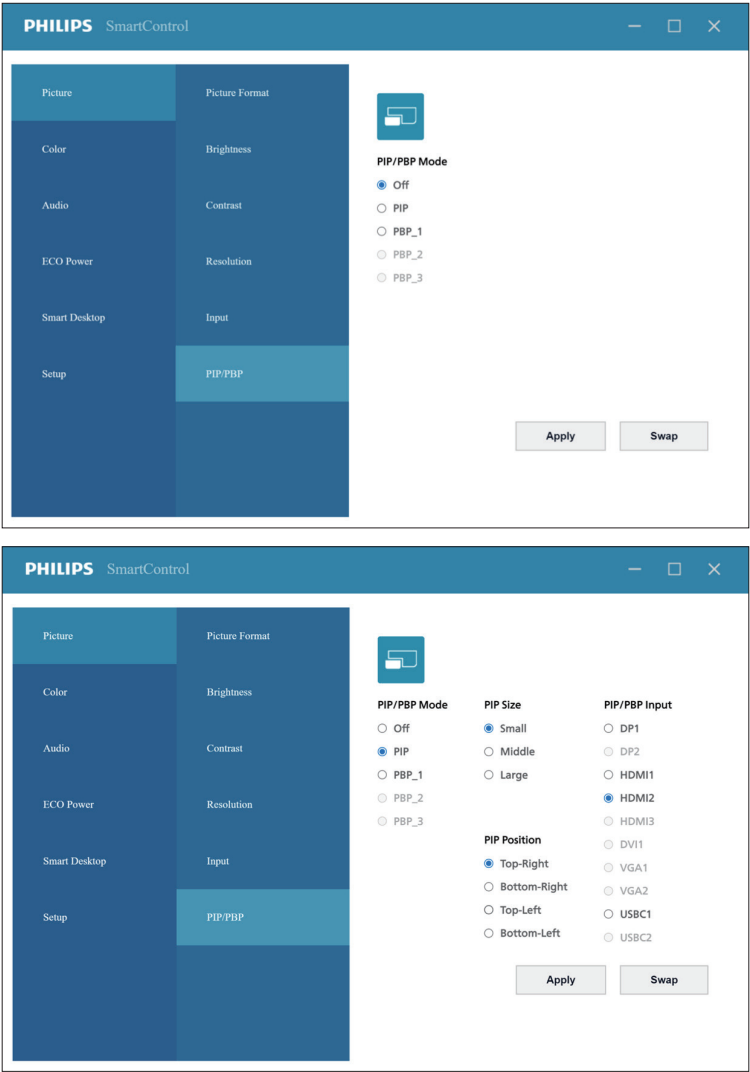
- The resolution can be set through the application.
- All supported resolutions for your monitor will be listed in the **Resolution** drop-down menu. Selecting a different resolution will apply the change automatically.
- Selecting other resolutions will be applied automatically.
- When the **Resolution Notification** is enabled, the monitor will display a dialog box showing the optimal resolution if you select one that is not optimal.



5.1.5 Input

- Displays the input supported by the monitor.
- Selecting another input will switch to the newly selected input.

5.1.6 PIP/PBP

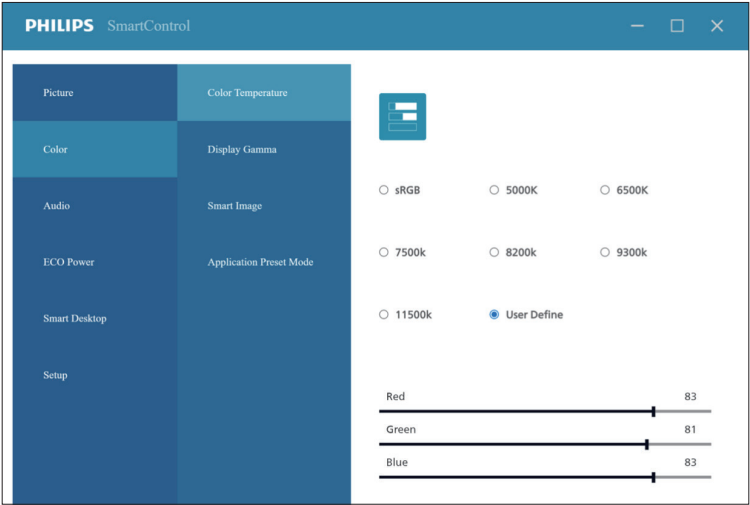


- Displays settings according to the specific device (Mode/Size/Position/Input).
- **Apply:** Click **Apply** to save settings.
- **Swap:** Click **Swap** to switch the screen positions of the two signal sources.

5.2 Color

5.2.1 Color temperature

Describes the overall tone of the display colors. Lower values create warmer (reddish) tones, while higher values produce cooler (bluish) tones. You can adjust it according to your usage scenario and personal preference.

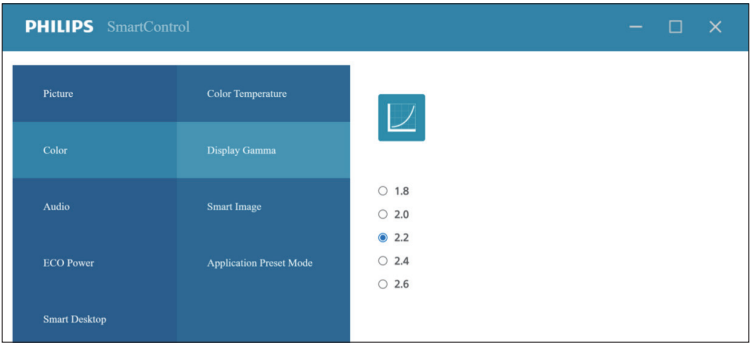


User Define

- Three sliders for red, green and blue.
- Slider 0-100. Drag to increase/decrease the color value.

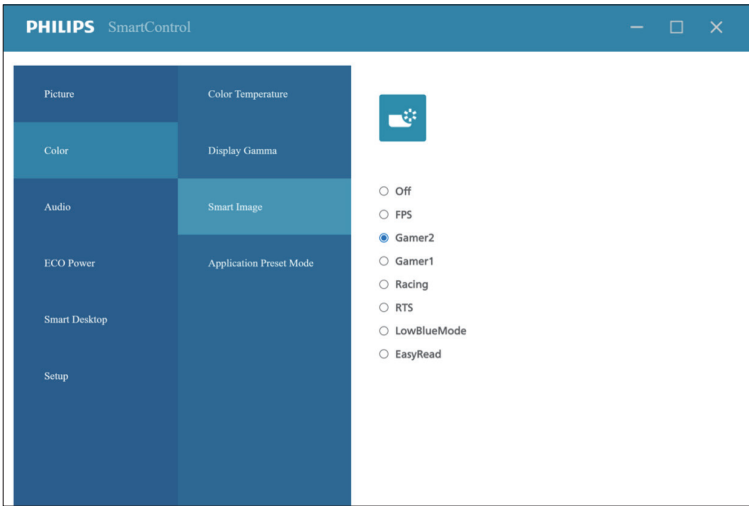
5.2.2 Gamma

The gamma level adjusts pixel luminance at each brightness level. Lower gamma increases brightness making shadows look brighter but can result in a flatter, washed out image with brighter highlights. Higher gamma reduces brightness but makes it more difficult to see details in shadows.



5.2.3 Smart Image

Select the corresponding mode for preset usage scenarios to optimize display parameters with one click.

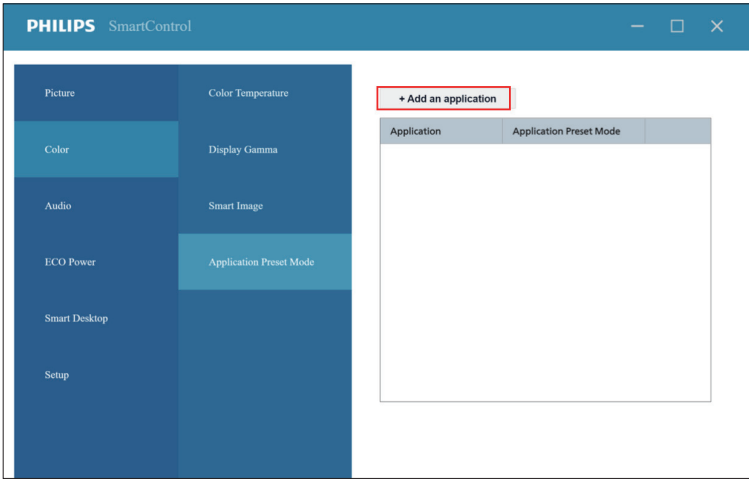


5.2.4 Application Preset Mode

Application Preset Mode enables you to associate a specific Preset Mode with a specific application, and apply it automatically.

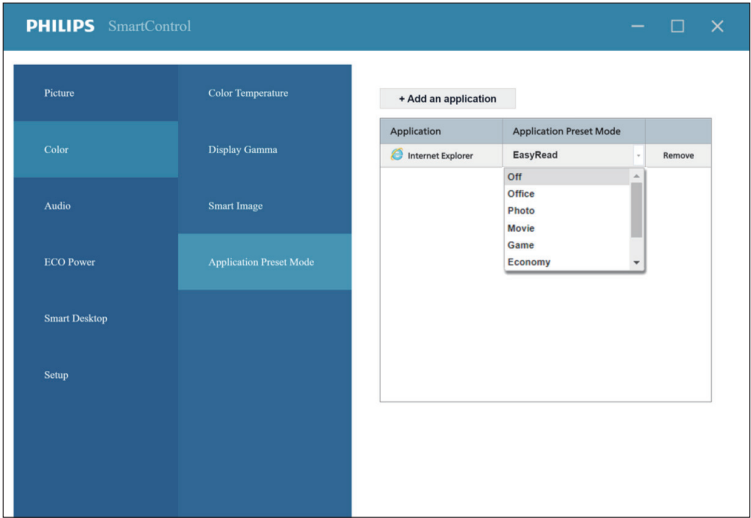
1. Add an application

- Click **Add an application**, enter the file manager and select the application.



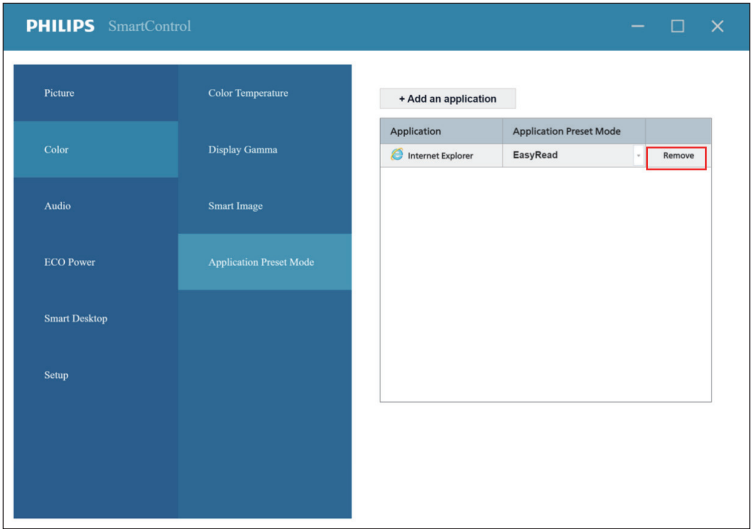
2. Assigning Preset Modes to Applications

- Click the drop-down box of "Application Preset Mode" to select a preset mode.



3. Remove Apps

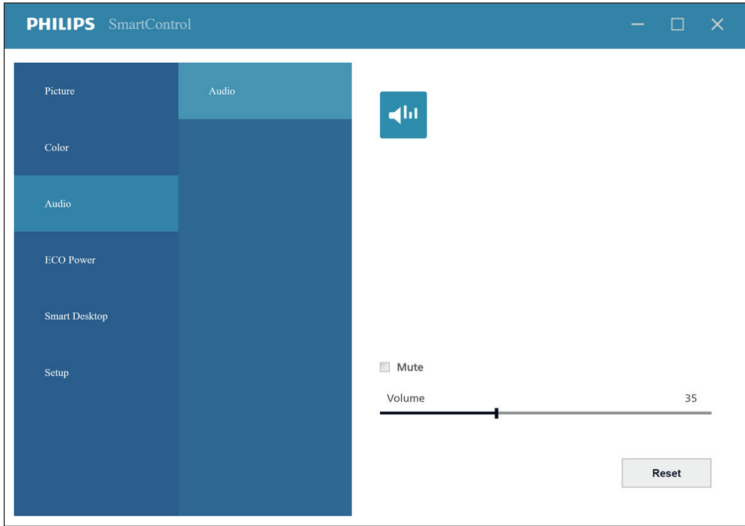
- You can click the application in the list and the **remove** option will be displayed on the right. Click **Remove** to delete the application from the list.



5.3 Audio

Adjust Volume Slider 0 (off) – 100 (maximum), Indicates the current device settings.

- Mute
 - » Enabled: Turns off sound.
 - » Disabled: Turns on sound, and enables volume slider. The volume will be restored to the level before muting upon disabling.



5.4 ECO Power

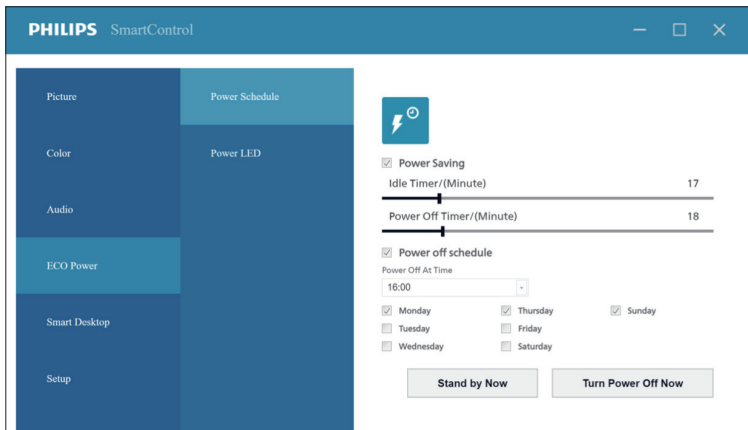
5.4.1 Power Schedule

1. Power Saving

- Enable: Enable power saving mode.
- Disable: Disable power saving mode.
- Idle Timer: Control how long the screen is idle before it goes into sleep mode.
- Power off Timer: Used to control the monitor's power-off time. To turn the monitor back on, press the power button.

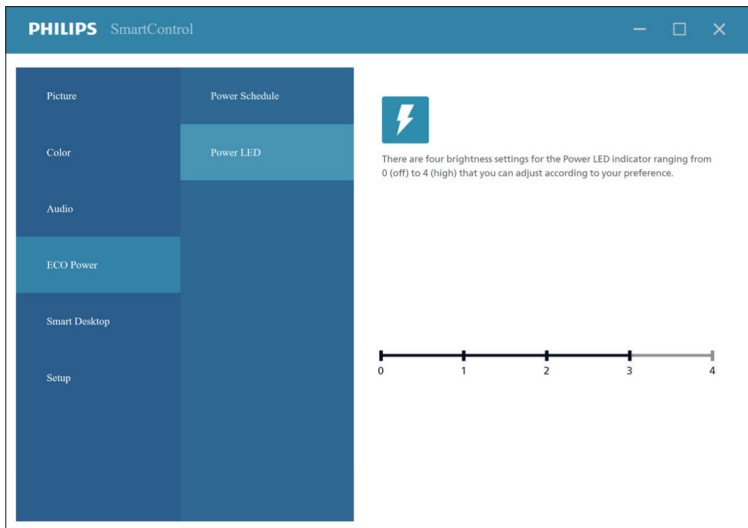
2. Power Saving

- Enable: enable timed shutdown.
- Disable: disable timer shutdown.
- Choose when to power off the monitor.
- Set the shutdown time.
- Set the date of timed shutdown, you can choose more than one.



5.4.2 Power LED

The Power LED indicator provides several brightness settings, from completely off to full brightness, allowing brightness to be customized to your preferred level.

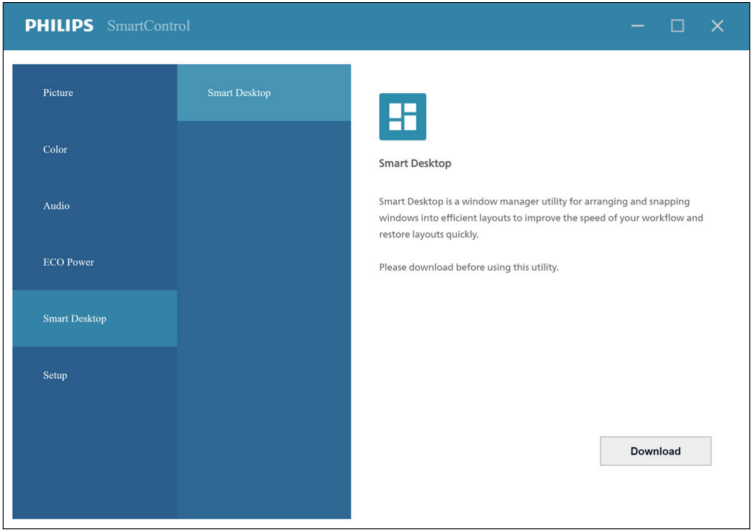


5.5 Smart Desktop

Smart Desktop enables you to easily arrange the open windows in one of the predefined layouts by dragging them into zones sectioned on the screen.

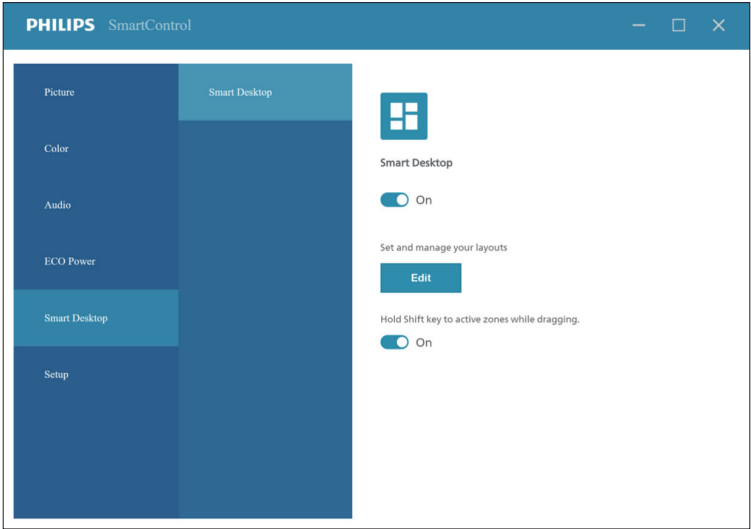
1. Download Smart Desktop

- You only need to download it once, and then you can use it directly after installation.



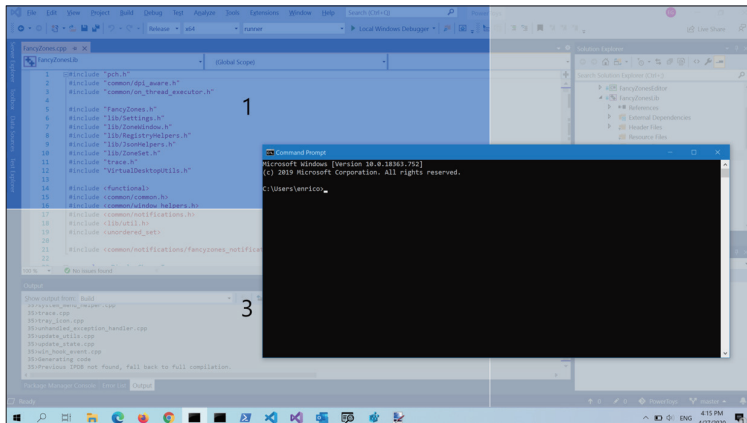
2. Enable Smart Desktop

- Enable desktop layout settings.



3. Snapping to a single zone with the mouse

- Click and drag the window to the desired zone. By default, you will also need to press and hold the Shift key (this setting can be disabled) to see the zones appear. As you move your mouse, hovering over a zone will highlight that zone.
- If "Hold Shift key to activate zones while dragging" is disabled, zones will appear as you drag the window.



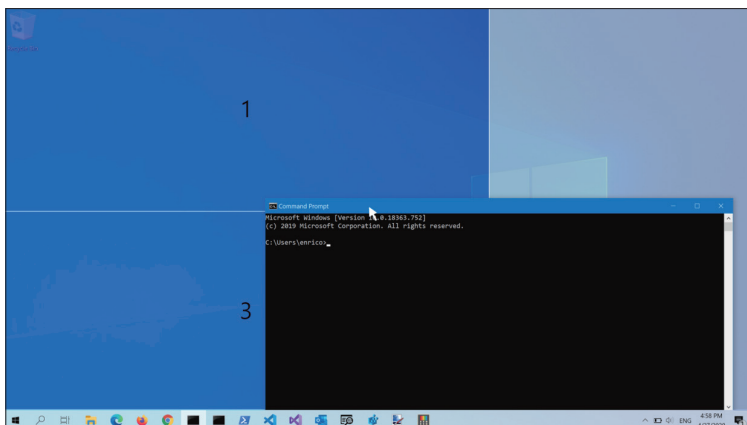
4. Snapping to multiple zones

Snapping to two zones by edge hovering

- If two zones are next to each other, a window can be snapped to cover them both. When the mouse cursor is near the shared edge of two zones, both zones are activated simultaneously, allowing you to drop the window into both zones.

Snapping to multiple zones with the mouse + keyboard

- You can drag the window until one zone is activated, then press and hold the **Control** key while dragging the window to select multiple zones.

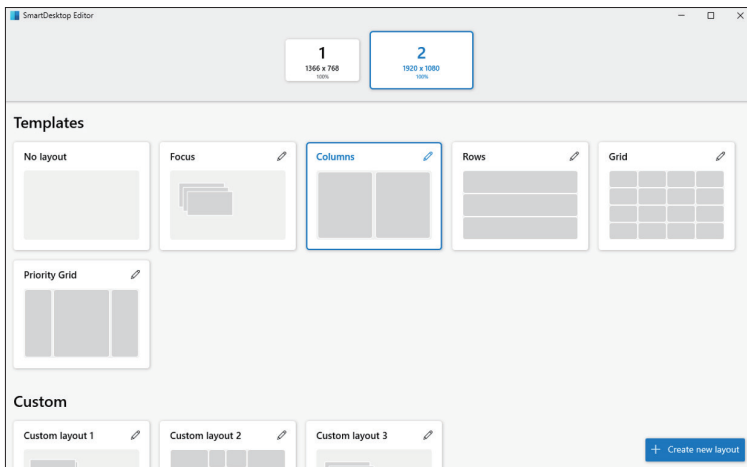


5. Set and manage your layouts

- Click **Edit** to launch zones editor.

Choose a layout

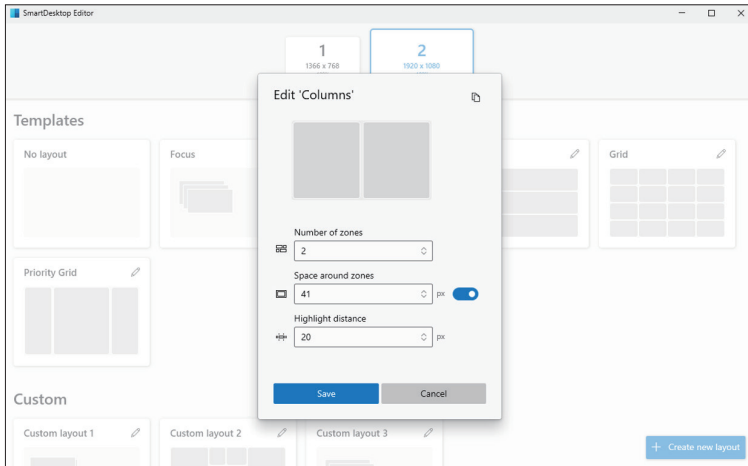
- When first launched, the zones editor displays a list of templates based on the number of windows are currently present on the monitor. Selecting a layout will generate a preview on the monitor. The selected layout is applied automatically. Double-clicking a layout will apply it directly and close the editor.
- If multiple displays are in use, the editor will detect the available monitors and display them for you to choose between. The chosen monitor will then be the target of the selected layout.



Edit zone layout

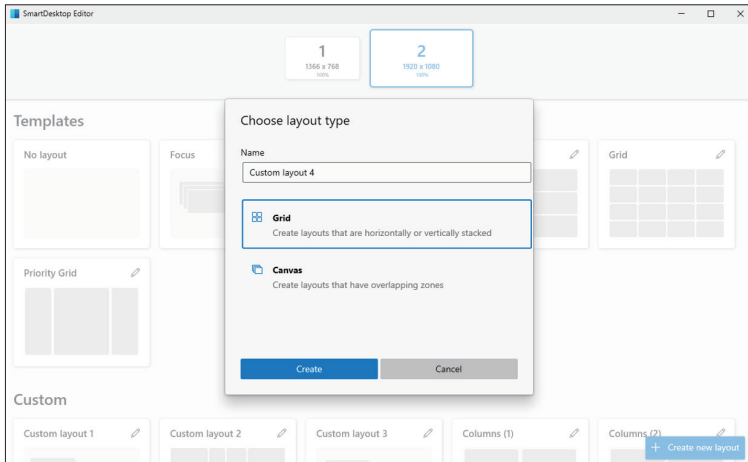
- Click the pencil icon on the layout you want to modify.
- First, you can increase or decrease the **number of zones**. In the grid or column layout, you are modifying the number of columns, whereas in a row layout, you are modifying the number of rows. Select the field for **Number of zones** and use either the up or down arrows, or type a specific number.
- To increase or decrease the space (or padding) around each zone, select the field **Space around zones** and use either the up or down arrows, or type a specific number. Disable this field using the switch to remove any the spacing.
- The **Highlight distance** of adjacent zones enable you to set a custom value for the amount of space between zones until they snap together, or before both are activated to enable them to merge together.
- Click Save to save the changes to the template.



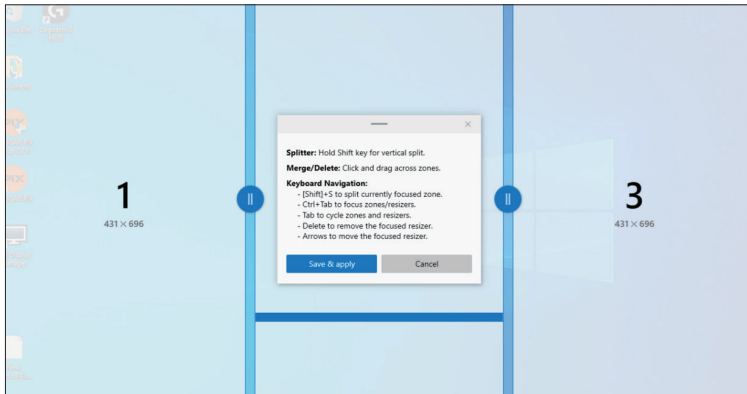


6. Create a custom layout

- The zones editor supports creating custom layouts. Click the **+ Create New Layout** button at the bottom-right.



- There are two ways to create custom area layouts: **Grid** layout and **Canvas** layout.
- The Grid model starts with a **three-column grid** and allows zones to be created by splitting and merging zones, and resizing the spacing between zones as needed. This is a dynamic layout and will be resized with different screen sizes.



- You can edit the layout using mouse or using keyboard.

Mouse

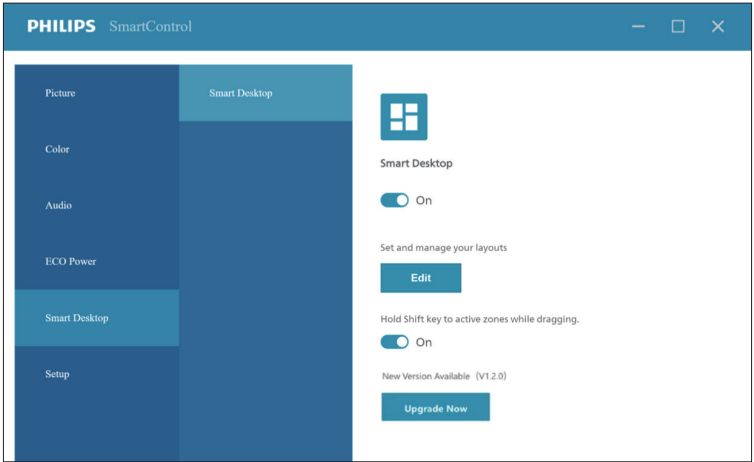
- » To split a zone: click your mouse.
- » To rotate the divider: hold down the Shift key.
- » To move a divider: click on the handle and drag or select the handle by focusing the layout.
- » To merge/delete zones: select a zone and hold the left mouse button and drag the mouse until multiple zones are selected, release the button and a popup menu will show up. Click **Merge** and they will become one zone. This is also how to delete zone—by merging it into another zone.

Keyboard

- » First, highlight the layout by pressing Control+Tab. Now you can edit it. All zones and resizers can be highlighted by pressing Tab button.
- » To divide a zone: highlight the zone you want to split and press S or Shift+S to split it.
- » To move a divider: highlight the divider and use the arrow keys to move it.
- » To merge/delete zones: highlight the divider between zones and press Delete. All zones adjacent to the deleted divider will be merged into one zone.
- Click **Save & apply** to save the new layout.

7. New version upgrade

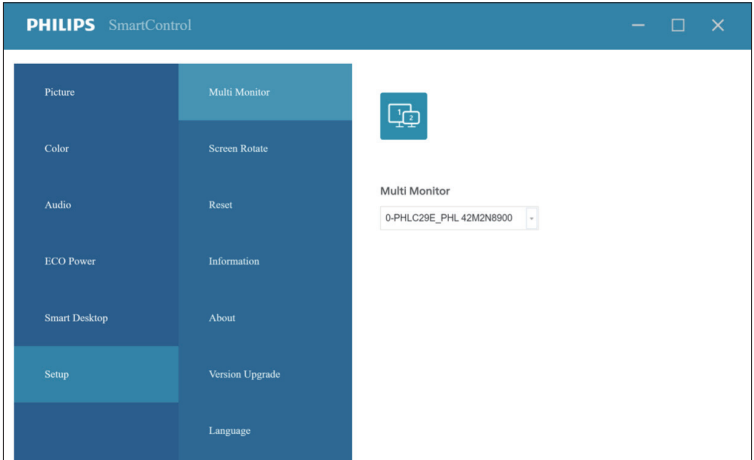
- When there is a new version that can be updated, click **Upgrade Now** to download the lasted version.



5.6 Setup

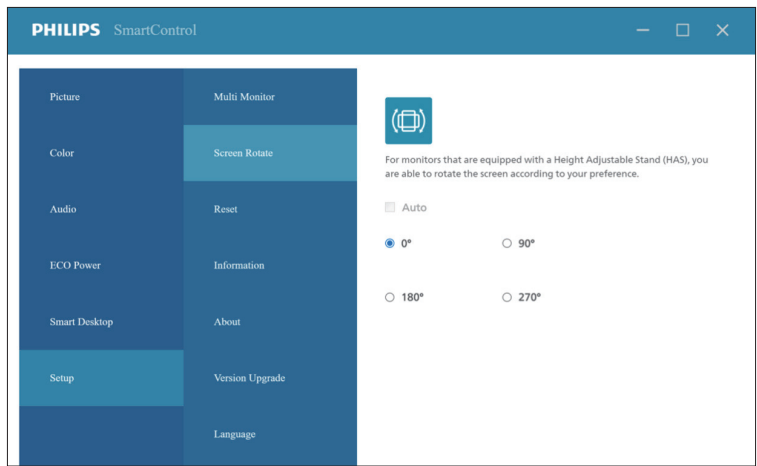
5.6.1 Multi Display

- Click the drop-down box to select appropriate connected displays.
- Switch to another display, all settings will be updated accordingly.



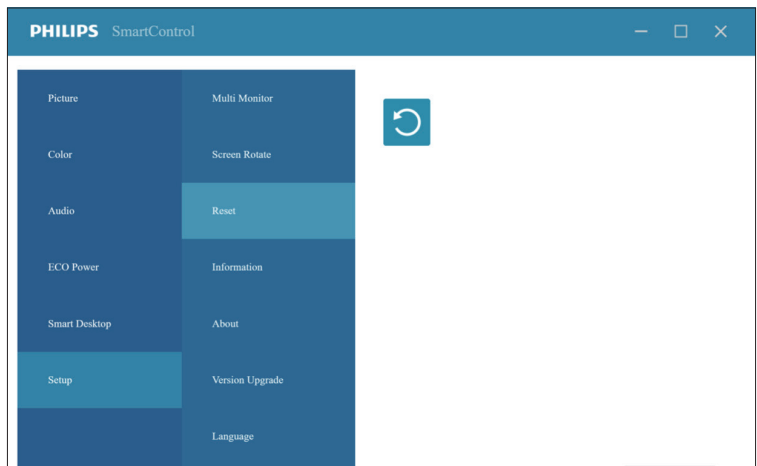
5.6.2 Screen Rotate

- Automatic
 - » Enable - the screen rotates adaptively.
 - » Disable - the screen orientation is fixed.
- Four options: 0°,90°,180°,270°



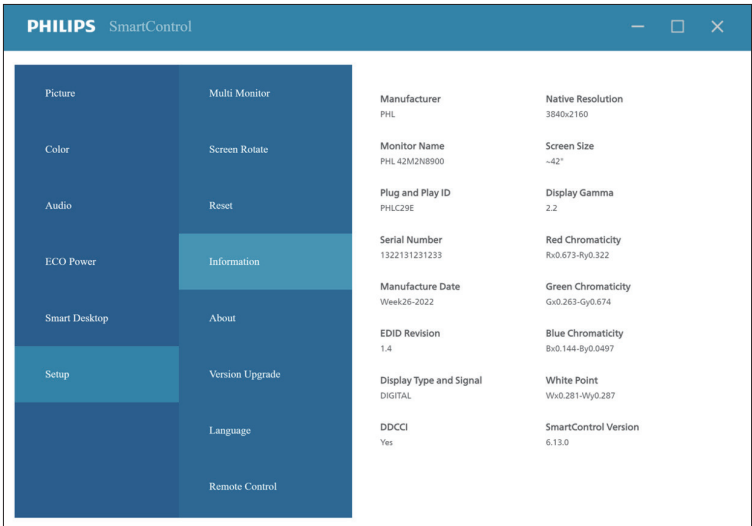
5.6.3 Reset

Click **Reset** to restore the monitor settings to their default state.



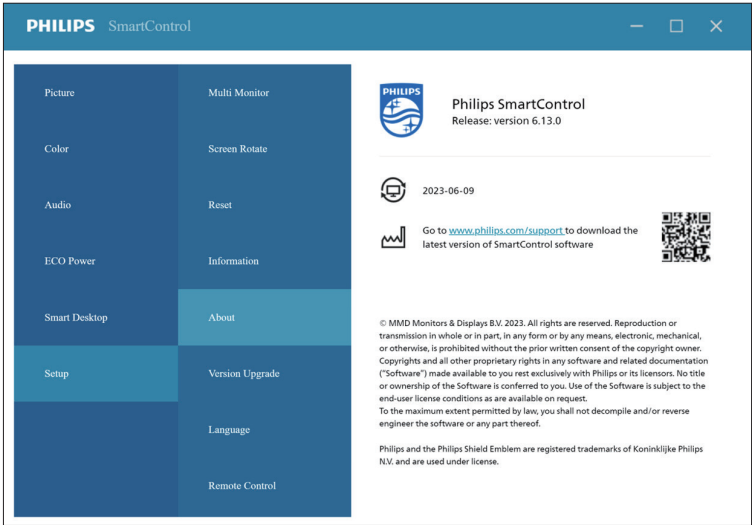
5.6.4 Information

View the basic information of the display.



5.6.5 About

View software version information and legal notes.

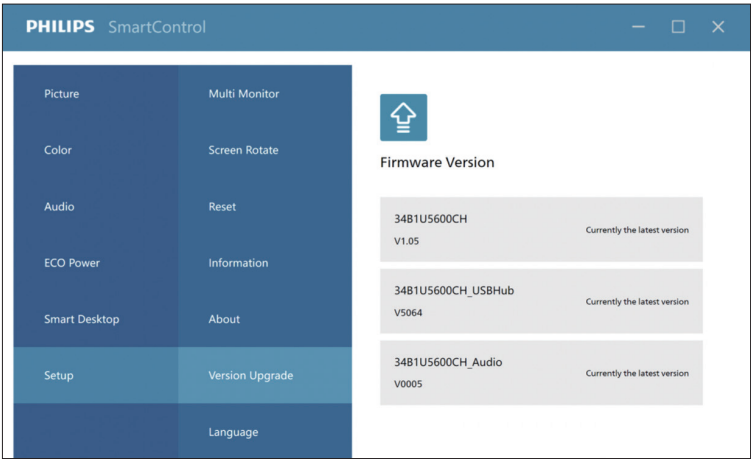


Note

Software version is for reference only. Please download the latest version from the official website for full functionality.

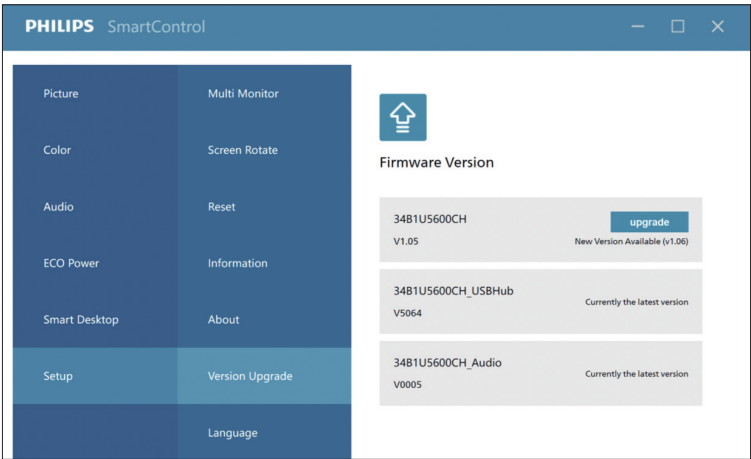
5.6.6 Version upgrade

- The function is only available for monitors that support firmware upgrades, and only single monitor firmware upgrades are supported.
- View the current firmware version of the monitor. Some monitors also support viewing the firmware versions of their built-in audio devices and USB hubs, cameras, and other components.
- To check the firmware update, connect the USB (USB-C/C or USB-A/B) upstream cable to NB or PC and keep the network connection.
- Switching to the firmware upgrade page will automatically initiate the upgrade detection. If it is the latest version, no update notification will be displayed.

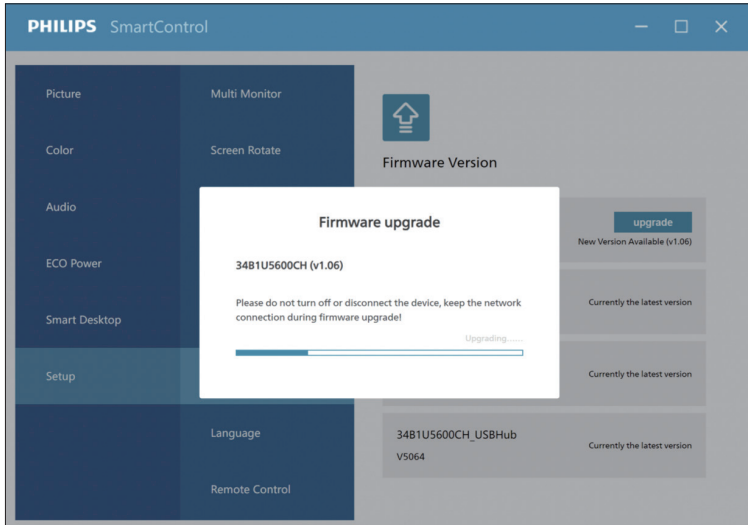


1. Firmware upgrade

- When a new upgradable version is detected, the interface will prompt the latest version information along with an upgrade button (as shown in the figure below).



- During the firmware upgrade, please keep the USB upstream cable connected and do not power off your PC.



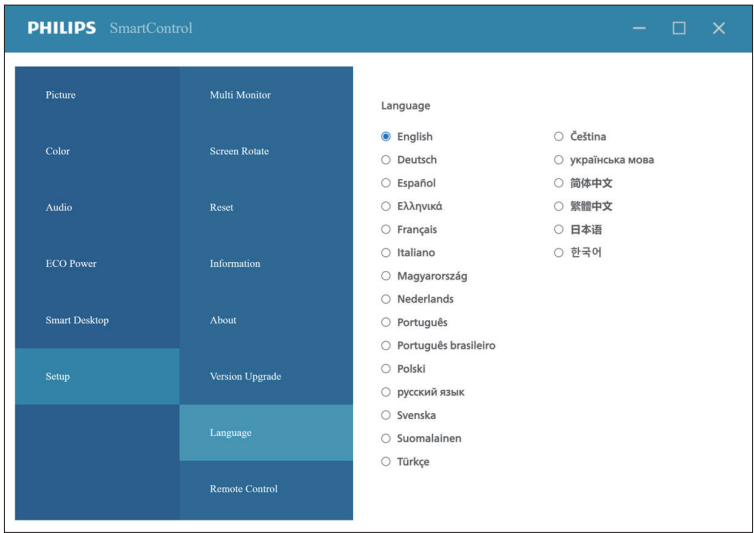
2. Upgrade errorrt

- If the upgrade fails, click **Retry** according to the prompts on the page. Please note that if you click **Cancel**, you will need to manually install the firmware in the remaining.
- If the USB upstream cable is disconnected during the upgrade, reconnect the cable and click Retry according to the interface prompts.
- If the device is shut down during the upgrade, you need to manually reinstall the firmware.

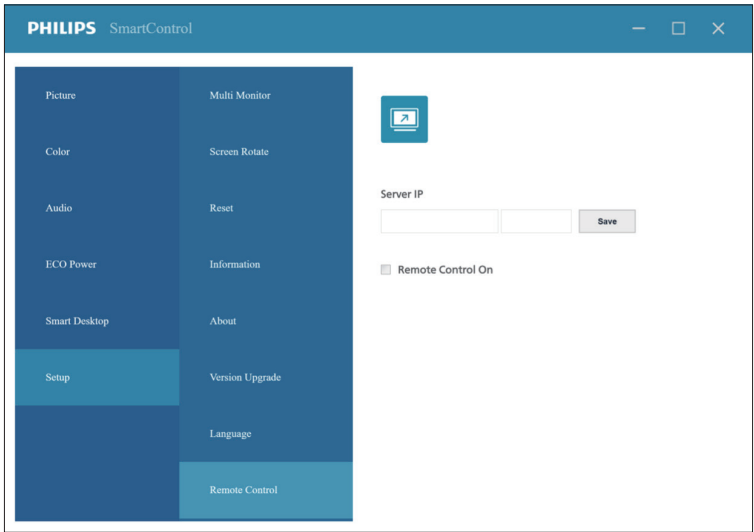


5.6.7 Monitor Language

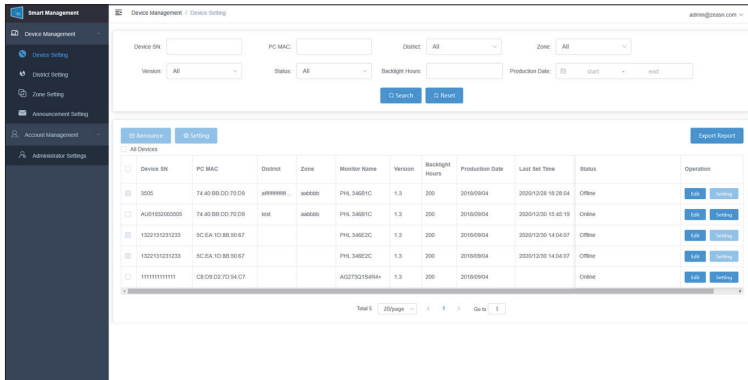
- Click the appropriate language button to switch the display language.



5.6.8 Remote control

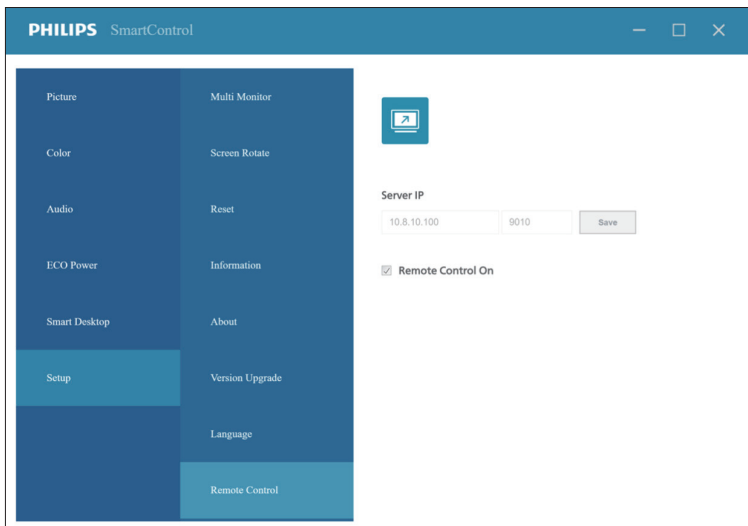


This function is mainly linked with Smart Management as shown below, which is a management platform for Philips monitors by remotely setting SmartControl.



If you allow Smart Management to remotely control the device, you need to enter the Server IP manually and check Remote Control On to enable. Smart Management can then connect to the device to obtain the monitor information.

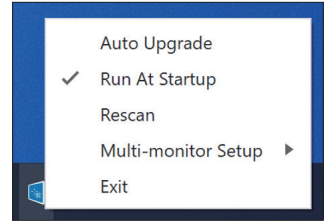
- Server IP Input
 - » The first input box is the server IP address (the PC where the server Smart Management is located) , and the second is the port input box.
 - » Click **Save** to save the entered server IP.



If you do not allow Smart Management to remotely control the device, you don't need to enter an IP address or enable remote control.

5.7 Tray

In the tray, you can access basic Settings for the system.



5.7.1 Auto upgrade

- Enable: when a new software version is detected, it will automatically download and upgrade.
- Disable: when a new software version is detected, a pop-up window will prompt you to follow the steps to upgrade to the new version

5.7.2 Run at startup

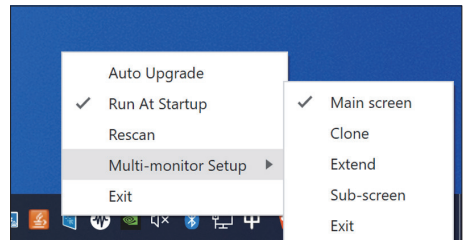
- Only works as administrator.
- Enabled: the application will run at system startup.
- Disabled: the application will not run at system startup.

5.7.3 Rescan

- Click to reload the software information

5.7.4 Multi-monitor setup

- Main screen
 - » Display on the main monitor only (default).
- Clone
 - » All connected displays show the same content. Any action performed on one display is mirrored on the others.
- Extend
 - » Multiple displays work together as one large, extended screen where the mouse can move from one display to the next.
- Sub-screen
 - » Display on secondary display only.



5.7.5 Exit

- Click to exit SmartControl.



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