



User's Manual

ColorEdge[®] CS2400R

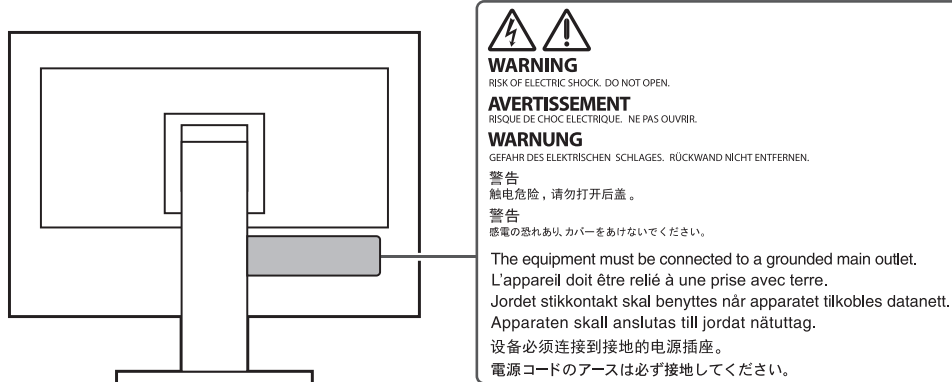
Color Management LCD Monitor

Important

Please read this "User's Manual", and "PRECAUTIONS" (separate volume) carefully to familiarize yourself with safe and effective usage.

- See the Setup Guide for monitor installation and connection.
- For the latest product information including the "User's Manual", refer to our web site:
www.eizoglobal.com

Location of Caution Statement



This product has been adjusted specifically for use in the region to which it was originally shipped.
If operated outside this region, the product may not perform as stated in the specifications.

No part of this manual may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, or otherwise, without the prior written permission of EIZO Corporation.
EIZO Corporation is under no obligation to hold any submitted material or information confidential unless prior arrangements are made pursuant to EIZO Corporation's receipt of said information. Although every effort has been made to ensure that this manual provides up-to-date information, please note that EIZO product specifications are subject to change without notice.

About This Product

About the Usage of This Product

- Aside from general purposes like creating documents, viewing multimedia content, this product is also suited to applications such as graphics creation and digital photo processing, where accurate color reproduction is a priority.
- This product has been adjusted specifically for use in the region to which it was originally shipped. If the product is used outside the region, it may not operate as specified in the specifications.
- This product may not be covered by warranty for uses other than those described in this manual.
- The specifications noted in this manual are only applicable when the following are used:
 - Power cords provided with the product
 - Signal cables specified by us
- Only use optional products manufactured or specified by us with this product.

About the LCD Panel

- It takes about 30 minutes (under our measurement conditions) for the monitor display to stabilize. Please wait 30 minutes or more after the monitor power has been turned on, and then adjust the monitor.
- Monitors should be set to a lower brightness to prevent a loss in the screen quality caused by long-term use and to maintain stable use.
- When the screen image is changed after displaying the same image for extended periods of time, an afterimage may remain. Use the screensaver or power save function to avoid displaying the same image for extended periods of time. An afterimage may appear even after a short time period has elapsed depending on the displayed image. To remove such a phenomenon, change the image or keep the power turned off for several hours.
- If the monitor displays continuously over a long period of time, smudges or burn-in may appear. To maximize the life of the monitor, we recommend the monitor be turned off periodically.
- The LCD panel is manufactured using high-precision technology. Although, missing pixels or lit pixels may appear on the LCD panel, this is not a malfunction. Percentage of effective dots: 99.9994 % or higher.
- The backlight of the LCD panel has a fixed lifetime. Depending on the usage pattern, such as usage for long continuous periods, the lifespan of the backlight may run out sooner, requiring replacement. When the screen becomes dark or begins to flicker, please contact your local EIZO representative.
- Do not press hard on the surface or outer frame of the LCD panel, as this may result in display malfunctions, such as interference patterns, etc. If pressure is continuously applied to the LCD panel surface, the liquid crystal may deteriorate or the LCD panel may be damaged. (If the pressure marks remain on the LCD panel, leave the monitor with a black or white screen. The symptom may disappear.)
- Do not scratch or press on the LCD panel with any sharp objects, at this may result in damage to the LCD panel. Do not attempt to brush with tissues as this may scratch the panel.

About the Installation

- If you place this product on a lacquer-coated desk, the color may adhere to the bottom of the stand due to the composition of the rubber. Check the desk surface before use.
- Dew condensation may form on the surface or interior of this product when it is brought into a cold room, when the temperature suddenly rises, or when it is moved from a cold room to a warm room. In that case, do not turn the product on. Instead wait until the dew condensation disappears, otherwise it may cause some damage to the product.

Cleaning

- Periodic cleaning is recommended to keep the product looking new and to prolong its operation lifetime.
- Stains on the product can be removed by moistening part of a soft cloth with water or by using our ScreenCleaner and gently wiping.

Attention
• Do not let liquids come into direct contact with the product. If it does, wipe it off immediately. • Do not allow liquids to get into gaps or inside the product. • When using chemicals for cleaning or disinfection, chemicals such as alcohol and disinfectant may cause gloss variation, tarnishing, and fading of the product, and also quality deterioration of the displayed image. Do not use chemicals on a frequent basis. • Never use a thinner, benzene, wax, or abrasive cleaner as they may damage the product. • For more information on cleaning and disinfection, please refer to our web site. How to check: Access www.eizoglobal.com and type "disinfect" in the site search box to search.

To Use the Monitor Comfortably

- An excessively dark or bright screen may affect your eyes. Adjust the brightness of the monitor according to the environmental conditions.
- Staring at the monitor for a long time tires your eyes. Take a 10-minute rest every hour.
- Look at the screen from a proper distance and from a proper angle.

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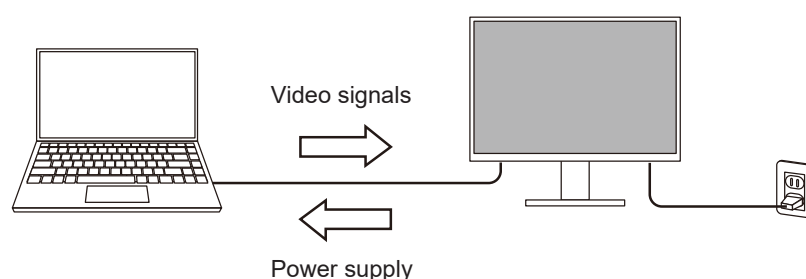
1 Introduction

This chapter describes the features of the monitor and the name of each control.

1.1 Features

1.1.1 Supports video display and power supply with a single USB Type-C® (hereinafter "USB-C®") cable connection

- Equipped with a USB-C connector
Supports the transmission of video signals (DisplayPort™ Alt Mode) as well as power supply (USB Power Delivery).
It supplies a maximum of 70 W of power to a connected notebook PC when used as an external monitor.



Note

- To display video signals, the connected device must support transmission of video signals (DisplayPort Alt Mode).
- To use the charging function, the connected device must support device charging by using USB Power Delivery.
- Only when the following USB cables are used, a maximum of 70 W of power can be supplied:
 - CC200SS-5A (Included)
 - CC100 (Optional accessory)
- Connected devices can be charged even when the monitor is in power saving mode.

1.1.2 Wide variety of input ports

- Equipped with 3 input ports
Equipped with three video input ports (HDMI, DisplayPort, USB-C) that allows connection to various external devices.

1.1.3 Various functions that support work

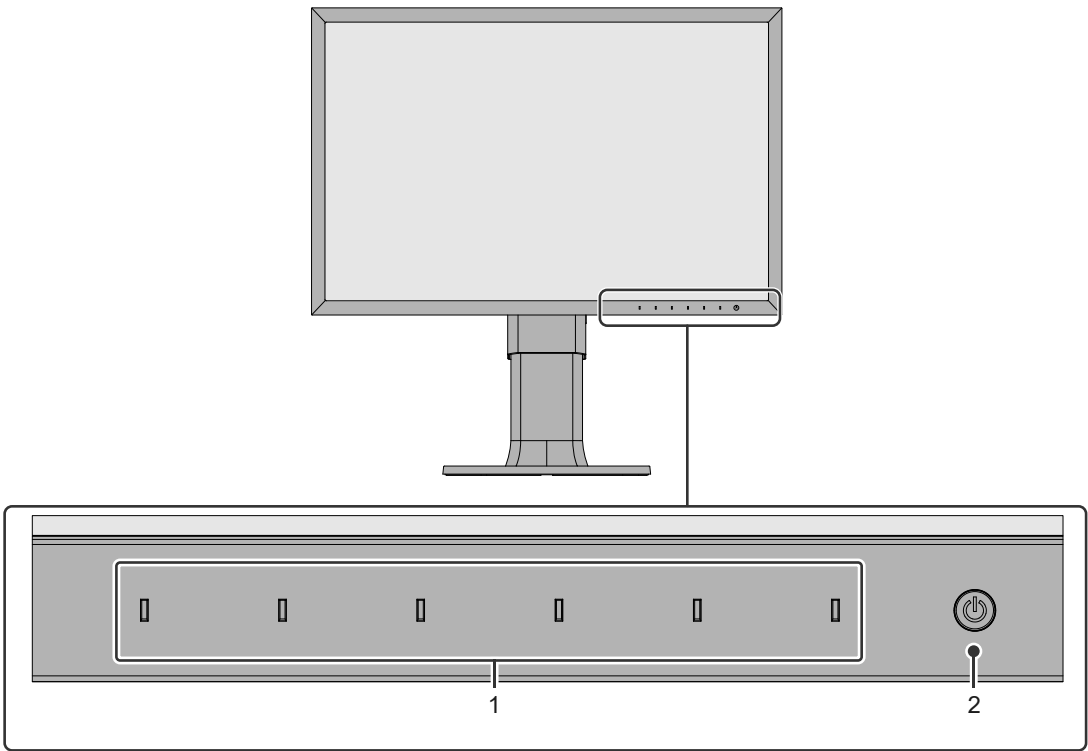
- User-defined custom key function
Work efficiency can be improved by assigning frequently used functions to the buttons on the front of the monitor.
See [4 Custom Key Settings \[▶ 26\]](#)
- Equipped with a USB Hub function
By connecting via USB, peripheral devices that support USB can be used, and smartphones can be charged.
- Displays HDCP (High Bandwidth Digital Protection) protected content

1.1.4 Hassle-free accurate display adjustment

- Compatible with "Quick Color Match" software for easy photo printing and color matching
Compatible with the "Quick Color Match" software that enables color matching between the monitor screen and photo prints with minimum effort and no complicated settings. The latest version of Quick Color Match can be downloaded free of charge from our web site.
(www.eizoglobal.com)
- Compatible with color management software "ColorNavigator 7"
"ColorNavigator 7", a dedicated software for adjusting ColorEdge is available. The latest version of ColorNavigator 7 can be downloaded free of charge from our web site (the dedicated sensor required for calibration is an optional accessory).
(www.eizoglobal.com)

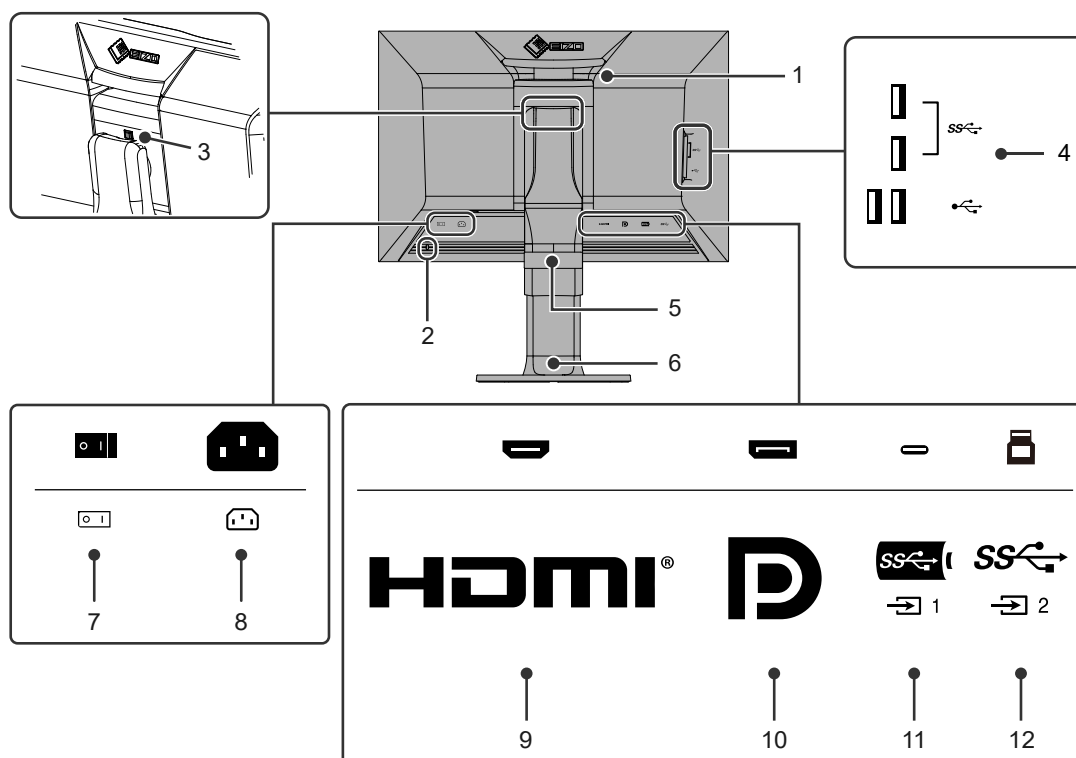
1.2 Controls and Functions

1.2.1 Front



1. Operation switches	Displays menus. Operate the switches according to the operation guide (see 3.1 Basic Operation of the Setting Menu ► 15).
2. Power switch	Turns the power on or off. Touching the switch turns on the power. The switch indicator lights up when you turn the power on. The indicator color differs depending on the monitor's operation status. White: Normal operation mode Orange: Power saving mode OFF: Main power/power off

1.2.2 Rear



1. Handle	This handle is used for transportation.
2. Security lock slot	Complies with Kensington's MicroSaver security system.
3. Lock button	Use this button to remove the monitor from the stand.
4. USB-A connector (downstream)	Connects to a peripheral USB device (see 8.1 Using the USB Hub Function [p. 39]). SS : USB 5Gbps : USB 2.0
5. Cable holder	Holds the monitor cables.
6. Stand^{*1}	Adjusts the height and angle (tilt and swivel) of the monitor. The monitor can also be rotated vertically.
7. Main power switch	Turns the main power on or off. : On, ○ : Off
8. Power connector	Connects the power cord.
9. HDMI connector	Connects to an external device with HDMI output.
10. DisplayPort connector	Connects to an external device with DisplayPort output.
11. USB-C connector (upstream)	Connects to an external device with USB-C output. This also transmits the USB signal that is necessary for using software that requires a USB connection.
12. USB-B connector (upstream)	Connect using USB cable when using software that requires a USB connection. The blue connector.

^{*1} An optional arm (or optional stand) can be attached by removing the stand section.

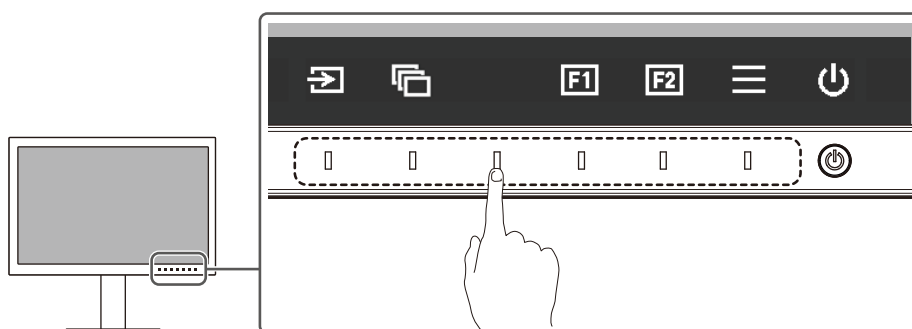
2 Basic Adjustments/Settings

This chapter describes the basic functions that can be set by pressing the buttons on the front of the monitor.

For advanced adjustment and setting procedures using the Setting menu, see [3 Advanced Adjustments/Settings](#) [▶ 15].

2.1 Switch Operation Method

1. Touch any switch (except ).
- The operation guide appears on the screen.



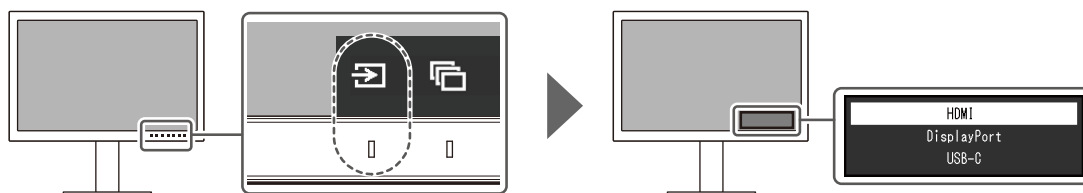
Note

- Do not directly touch the operation guide that appears on the screen. There are switches below the operation guide that can be touched to perform adjustment/setting.

2. Touch a switch for adjustment/setting.
The Adjustment/Setting menu appears.
(A sub menu may also be displayed. In this case, select the item for adjustment/setting using   and select .)
3. Perform adjustment/setting with the switches and select  to accept the changes.
4. Select  to exit the menu.

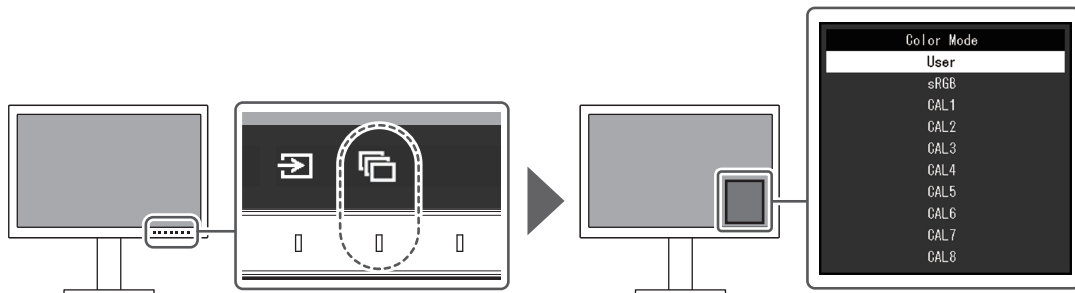
2.2 Switching Input Signals

When a monitor has multiple signal inputs, the signal to display on-screen can be changed.



2.3 Switching the Display Mode (color mode)

This function allows easy selection of a display mode according to monitor application.



2.3.1 Display Modes

Standard Mode

Adjust color using the monitor's Setting menu.

Color Mode	Purpose
User	See Color Mode Setting Values ▶ 13 for detailed setting values for each color mode.
sRGB	

Advanced Mode

Adjust the monitor's display using the monitor's color management software "ColorNavigator 7".

Color Mode	Purpose
CAL1	Displays the screen adjusted by ColorNavigator 7.
CAL2	
CAL3	
CAL4	
CAL5	
CAL6	
CAL7	
CAL8	

2.3.2 Color Mode Setting Values

Item				Color Mode		
				User	sRGB	CAL1 / CAL2 / CAL3 / CAL4 / CAL5 / CAL6 / CAL7 / CAL8
Brightness (cd/m ²)				200	120	-
Temperature				6500 K	D65	-
Gamma (EOTF)				2.2	sRGB	-
Color Gamut				Native	sRGB	-
Advanced Settings	Hue			0	0	-
	Saturation			0	0	-
	Gamut Clipping			On	Off	-
	Gain	Red	Calculated from color temperature			-
		Green				-
		Blue				-
	6 Colors	Magenta	Hue	0	0	-
			Saturation	0	0	-
			Lightness	0	0	-
		Red	Hue	0	0	-
			Saturation	0	0	-
			Lightness	0	0	-
		Yellow	Hue	0	0	-
			Saturation	0	0	-
			Lightness	0	0	-
		Green	Hue	0	0	-
			Saturation	0	0	-
			Lightness	0	0	-
		Cyan	Hue	0	0	-
			Saturation	0	0	-
			Lightness	0	0	-
		Blue	Hue	0	0	-
			Saturation	0	0	-
			Lightness	0	0	-

Note

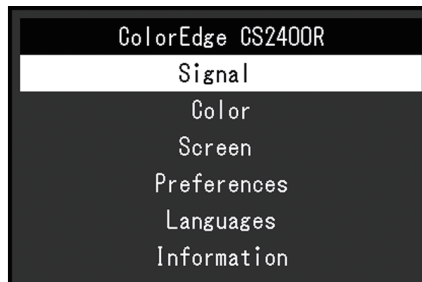
- Use ColorNavigator 7 to set "CAL1 / CAL2 / CAL3 / CAL4 / CAL5 / CAL6 / CAL7 / CAL8".
- A color mode can be set for each input signal.
- See [Color \[▶ 17\]](#) for details about each item.
- You can disable specific mode selections. For more information, see [Mode Skip \[▶ 23\]](#).

3 Advanced Adjustments/Settings

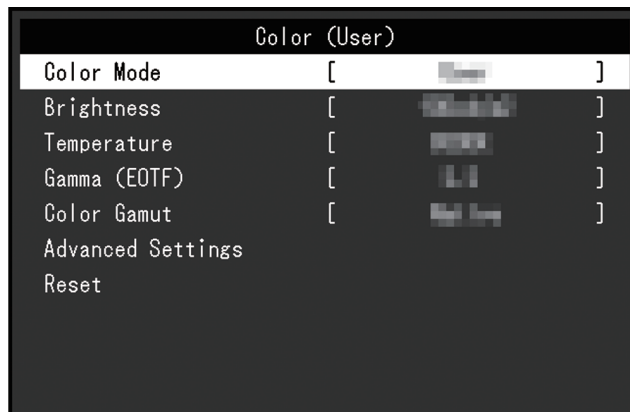
This chapter describes the advanced monitor adjustment and setting procedures using the Setting menu. For the basic setting functions using the buttons on the front of the monitor, see [2 Basic Adjustments/Settings \[▶ 11\]](#).

3.1 Basic Operation of the Setting Menu

1. Touch any switch (except ).
- The operation guide appears.
2. Select .
- The Setting menu appears.



3. Select a menu to adjust/set with   and select .
- The Sub menu appears.



4. Select a menu to adjust/set with   and select .
- The Adjustment/Setting menu appears.

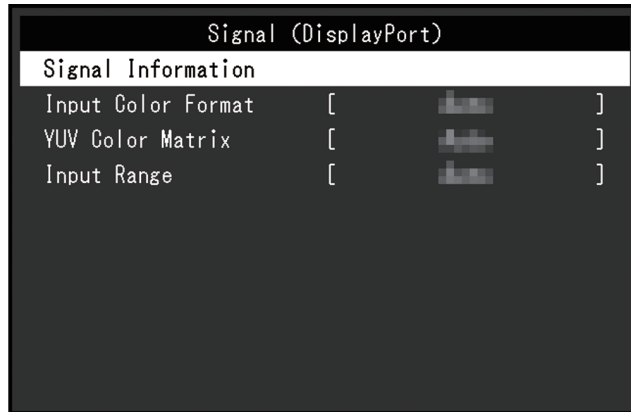


5. Perform adjustment/setting with   or   and select  to accept the changes.
- The Sub menu appears.
- Selecting  during adjustment/setting will cancel the adjustment/setting and restore the state prior to making changes.
6. Selecting  several times will terminate the Setting menu.

3.2 Setting Menu Functions

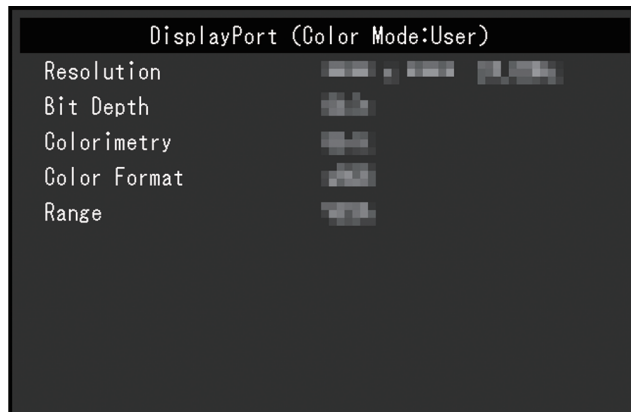
3.2.1 Signal

The signal settings are used to configure advanced settings for input signals, such as the color format and input range.



Signal Information

You can check the information for the input signal.



Input Color Format

Settings: "Auto" / "YUV 4:2:2^{*1}" / "YUV 4:4:4^{*1}" / "YUV^{*2}" / "RGB"

^{*1} Only enabled during HDMI input

^{*2} Only valid for DisplayPort or USB-C input

The color space of the input signal can be specified.

Try changing this setting if colors are not displayed correctly. Normally, select "Auto".

YUV Color Matrix

Settings: "Auto" / "BT.601" / "BT.709" / "BT.2020"

Select the YUV format of the input signal. Use this setting for gradation collapse or other occurrences where the screen is displayed incorrectly because of a problem with the input signal.

Input Range

Settings: "Auto" / "Full" / "Limited (109% White)" / "Limited"

Depending on the external device, the black and white levels in the video signal output to the monitor may be restricted. If the signal is displayed on the monitor in its restricted form, the blacks will be faint, the whites dull, and contrast will be reduced. The video range displayed on the monitor can be switched to make these signals the actual contrast ratio of the monitor.

- "Auto"
The monitor automatically recognizes the range of input signals and displays images appropriately.
 - If the input signals are the full range, it displays them as "Full".
 - If the input signals are a limited range, it displays them as "Limited".
- "Full"
The brightness range of the input signal is displayed as 0 – 255 (10 bits: 0 – 1023).
- "Limited (109% White)"
If "Gamma (EOTF)" is from "1.6" to "2.7" then the brightness range of the input signal is displayed as 16 – 254 (10 bits: 64 to 1019). Otherwise, it is displayed as 16 – 235 (10 bits: 64 – 940).
- "Limited"
The brightness range of the input signal is displayed as 16 – 235 (10 bits: 64 – 940).

3.2.2 Color

The setting details differ depending on the color mode selected.

3.2.2.1 When Color Mode is Standard Mode (User / sRGB)

Each color mode setting can be adjusted according to personal preference.



Attention

- The same image may be seen in different colors on multiple monitors due to differences between individual monitors. Make fine color adjustment visually when matching colors on multiple monitors.

Note

- Use the values in "Brightness" and "Temperature" as a guide.

Color Mode

Settings: "User" / "sRGB" / "CAL1" / "CAL2" / "CAL3" / "CAL4" / "CAL5" / "CAL6" / "CAL7" / "CAL8"

Switch to the desired mode according to the monitor application.

Note

- For more information on how to switch modes, see [2.3 Switching the Display Mode \(color mode\)](#) [► 12].
- Regarding "CAL1 / CAL2 / CAL3 / CAL4 / CAL5 / CAL6 / CAL7 / CAL8", see [When Color Mode is Advanced Mode \(CAL1 / CAL2 / CAL3 / CAL4 / CAL5 / CAL6 / CAL7 / CAL8\)](#) [► 20].

Brightness

Settings: "40 cd/m²" – "330 cd/m²"

The screen brightness is adjusted by changing the brightness of the backlight (light source from the LCD back panel).

Note

- If a value that cannot be set is selected, the value will appear in magenta. In such a case, change the value.

Temperature

Settings: "Native" / "4000 K" - "10000 K" / "D50" / "D65" / "User"

Adjusts the color temperature.

The color temperature is used to express the chromaticity of "White". The value is expressed in degrees "K" (Kelvin).

The screen becomes reddish at a low color temperature, and bluish at a high color temperature, like the temperature of a flame.

Specify a color temperature in units of 100 K, or select a standard name.

Note

- Select "Native" to display the original colors of the LCD panel.
- "Gain" allows you to perform more advanced adjustment. When gain is changed, the color temperature is changed to "User".
- The gain preset values are set for each color temperature setting value.

Gamma (EOTF)

Settings: "1.6" - "2.7" / "sRGB"

Adjusts the gamma.

The brightness of the monitor varies depending on the input signal, however, the variation rate is not simply proportional to the input signal. The control performed to keep the balance between the input signal and the brightness of the monitor is called Gamma correction.

Set the gamma, or select a standard name.

Color Gamut

Settings: "Native" / "sRGB"

Set the color reproduction area (color gamut) of the monitor.

"Color Gamut" is the range of colors that can be represented. Multiple standards are defined.

Note

- Select "Native" to display the original color gamut of the LCD panel.
- The method of displaying colors outside the monitor's displayable range within the defined color gamut can be set. For more information, see [Advanced Settings - Gamut Clipping](#) [▶ 19].

Advanced Settings - Hue

Settings: "-100" – "100"

The hue can be adjusted.

Note

- Using this function may make some color gradations unavailable for display.

Advanced Settings - Saturation

Settings: "-100" – "100"

The saturation can be adjusted.

Note

- Using this function may make some color gradations unavailable for display.
- The minimum value (-100) changes the screen to monochrome.

Advanced Settings - Gamut Clipping

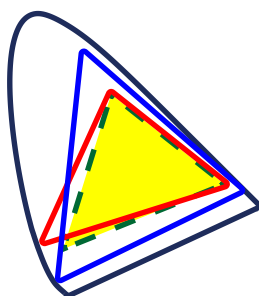
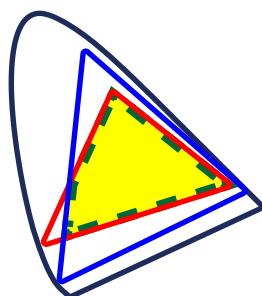
Settings: "On" / "Off"

The method of displaying colors outside the monitor's displayable range within the color gamut specified in accordance with [Color Gamut](#) [▶ 18] can be set.

- "On"
The range of colors that are displayable on the monitor will be accurately displayed in accordance with the standard. Colors outside the displayable range will be saturated.
- "Off"
Displays colors with priority on the color gradation rather than the color accuracy. The vertices of the color gamut defined in the standard move to a range that can be displayed by the monitor. This allows the closest colors displayable by the monitor to be displayed.

"On"

"Off"



-
- Color gamut displayable by the monitor
 - Color gamut defined by standard
 - Color gamut displayed on screen
-

Note

- The diagrams shown above are conceptual diagrams, and they do not display the actual color gamut of the monitor.
- This setting will be disabled if "Native" is selected at [Color Gamut ▶ 18](#).

Advanced Settings - Gain

Settings: "0" – "2000"

The brightness of each color component red, green, and blue is called Gain. The chromaticity of "white" can be changed by adjusting the gain.

Note

- Using this function may make some color gradations unavailable for display.
- The gain value changes according to the color temperature.
- When gain is changed, the color temperature is changed to "User".

Advanced Settings - 6 Colors

Settings: "-100" – "100"

The hue, saturation and lightness (brightness) can each be adjusted for the colors Magenta, Red, Yellow, Green, Cyan, and Blue.

Reset

Resets any color adjustments for the currently selected color mode back to the default settings.

3.2.2.2 When Color Mode is Advanced Mode (CAL1 / CAL2 / CAL3 / CAL4 / CAL5 / CAL6 / CAL7 / CAL8)

Displays the color adjustment status using the color management software "ColorNavigator 7".

**Color Mode**

Settings: "User" / "sRGB" / "CAL1" / "CAL2" / "CAL3" / "CAL4" / "CAL5" / "CAL6" / "CAL7" / "CAL8"

Switch to the desired mode according to the monitor application.

Note

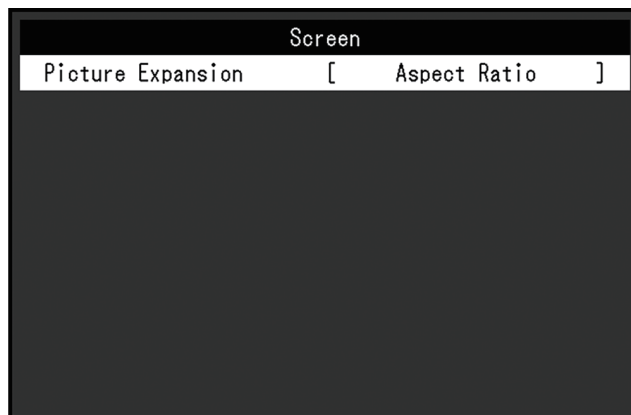
- For more information on how to switch modes, see [2.3 Switching the Display Mode \(color mode\) \[▶ 12\]](#).
- For "User / sRGB", see [When Color Mode is Standard Mode \(User / sRGB\) \[▶ 17\]](#).

Reset

Resets any calibration targets for the currently selected color mode back to the default settings.

3.2.3 Screen

Set the details regarding input signal, such as the screen size and color format.

**Picture Expansion**

Settings: "Auto"^{*1} / "Full Screen" / "Aspect Ratio" / "Dot by Dot"

^{*1} Only enabled during HDMI input

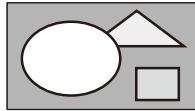
The screen size of the monitor display can be changed.

- "Auto"
The monitor automatically changes the screen size according to the resolution information and aspect ratio information from the input signal.
- "Full Screen"
Images are stretched to full screen. However, as aspect ratios are not maintained, images may be distorted in some cases.
- "Aspect Ratio"
Images are enlarged to full screen without changing the aspect ratio. Since aspect ratios are maintained, blank horizontal or vertical borders may appear.
- "Dot by Dot"
Displays the image at the set resolution or size specified by the input signal.

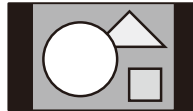
Note

- Setting example

Full-screen



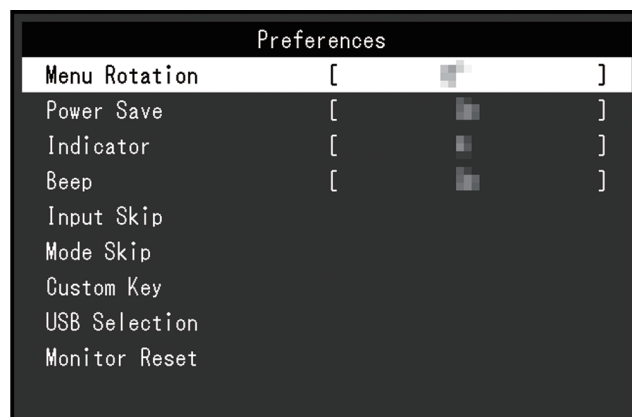
Fixed aspect ratio



Actual size (input signal)

**3.2.4 Preferences**

The monitor's settings can be configured to suit the usage environment or personal preference.

**Menu Rotation**

Settings: "0°" / "90°"

When the monitor is used in a portrait position, the direction of the Setting menu can also be changed.

Note

- Check whether the cables are connected properly.
- It is necessary to configure the settings of the external device to use the monitor in a portrait position. For details, refer to our web site (www.eizoglobal.com).

Power Save

Settings: "On" / "Off"

This function allows you to set the monitor to the power saving mode, depending on the state of the external device connected to it.

The monitor changes to power saving mode about 15 seconds after signal input ceases to be detected. When the monitor has shifted to power saving mode, images are not displayed on the screen.

- Exiting power saving mode
 - The monitor receives input.

Note

- At the time of shifting to power saving mode, a message that indicates the transition is displayed five seconds in advance.
- When not using the monitor, you can turn off the main power supply or disconnect the power plug so that the power is cut completely.
- Even if the monitor shifts to power saving mode, devices connected to the USB downstream port will still work. In addition, power is supplied to devices connected to the USB-C connector. Therefore, power consumption of the monitor varies depending on the connected devices, even in power saving mode.

Indicator

Settings: "Off" / "1" – "7"

The brightness of the power button and the control buttons when the screen is displayed can be set. (Default setting: 4)

Beep

Settings: "On" / "Off"

The sound played when switches are used can be set.

Input Skip

Settings: "Skip" / "-"

This function allows skipping of input signals that will not be used when the input signals are switched.

Note

- Not all input signals can be set to "Skip".

Mode Skip

Settings: "Skip" / "-"

This function allows skipping of modes that will not be used when selecting modes. Please use this function if display modes are limited, or if you want to prevent randomly changing the display status.

Note

- Not all modes can be set to "Skip".

Custom Key - [F1]

Settings: "Off" / "Brightness" / "Prev. Color Mode" / "Information"

You can set the function that is assigned to the [F1] key.

Note

- By default, this key is set to the "Information" function.
- Regarding the custom keys, see [4 Custom Key Settings \[▶ 26\]](#).

Custom Key - [F2]

Settings: "Off" / "Brightness" / "Prev. Color Mode" / "Information"

You can set the function that is assigned to the [F2] key.

Note

- By default, this key is set to the "Prev. Color Mode" function.
- Regarding the custom keys, see [4 Custom Key Settings \[▶ 26\]](#).

USB Selection – HDMI / DisplayPort / USB-C

Settings: "USB-1 (USB-C)" / "USB-2"

If two external devices are connected to a single monitor, then the input signals and USB upstream ports can be linked. This means that the USB port will automatically switch when the input signal is switched. There is no need to re-connect the USB cable even when calibrating a single monitor using two external devices. In addition, USB devices such as a mouse or keyboard can be connected to the monitor and used with two external devices.

Default settings differ depending on the input signal.

Input signal	Default settings
HDMI, DisplayPort	USB-2
USB-C	USB-1 (USB-C)

Note

- Before changing the setting, remove all connected USB memory devices from the monitor. Otherwise, data may be lost or damaged.
- The USB downstream port operates from the external device being displayed.

Monitor Reset

Restores all settings to their default values, except for the settings in the "Administrator Settings" menu.

3.2.5 Languages

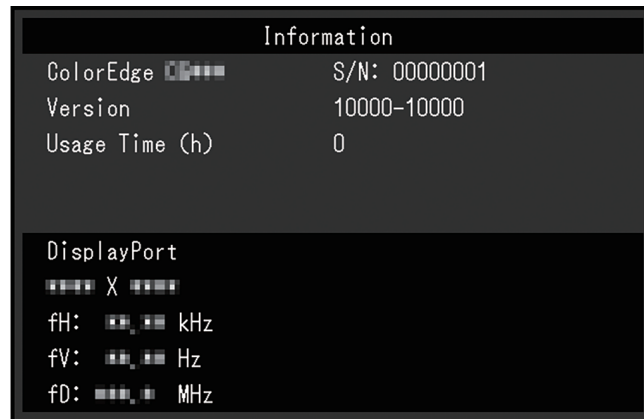
Settings: "English" / "German" / "French" / "Spanish" / "Italian" / "Swedish" / "Japanese" / "Simplified Chinese" / "Traditional Chinese"

The display language for menus and messages can be selected.

**3.2.6 Information**

You can check the monitor information (model name, serial number (S/N), firmware version, usage time) and the input signal information.

Example:



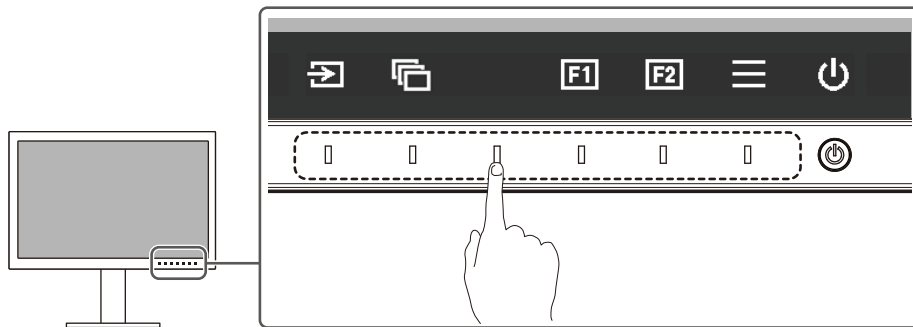
4 Custom Key Settings

You can assign functions to the custom keys to easily start specified functions.

This chapter describes how to operate the custom keys and how to assign functions to the custom keys.

4.1 Basic Operation of the Custom Keys

1. Touch any switch (except )
The operation guide appears.



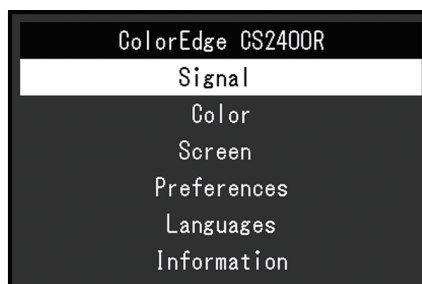
2. Select  or .
- The function assigned to  or  is executed.

Note

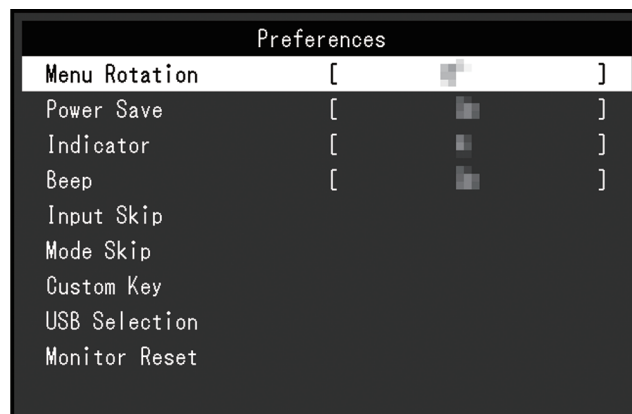
- If you touch a custom key to which no function has been assigned, the menu for assigning a function to that custom key appears.

4.2 Assigning a Function to a Custom Key

1. Touch any switch (except )
The operation guide appears.
 2. Select .
- The Setting menu appears.



3. Use **^** **v** to select "Preferences", and then select **✓**.
The Preferences menu appears.



4. Use **^** **v** to select "Custom Key", and then select **✓**.
The Custom Key menu appears.



5. Use **^** **v** to select the custom key to which you want to assign a function, and then select **✓**.

The menu for assigning a function appears.



6. Use **^** **v** to select the function that you want to assign, and then select **✓**.
That function is assigned to the custom key.
7. Press **x** several times.
The Setting menu exits.

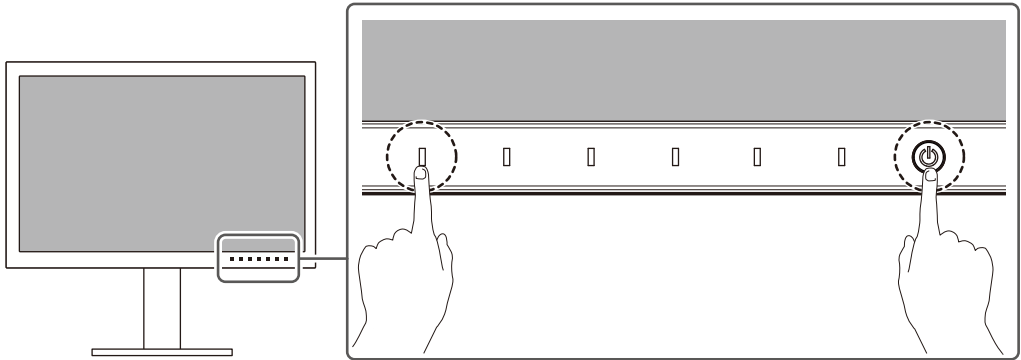
4.2.1 Functions that can be Assigned to Custom Keys

Function	Description
Off	Disables the custom key.
Brightness	Sets the brightness. See Brightness ▶ 18 .
Prev. Color Mode	You can return to the previous color mode. This is convenient for checking the differences between two color modes. Attention • When using ColorNavigator 7, it is necessary to reselect the color mode after exiting the software.
Information	You can view the input signal information and color information. Note • You can check the monitor information under Information ▶ 24 on the Setting menu.

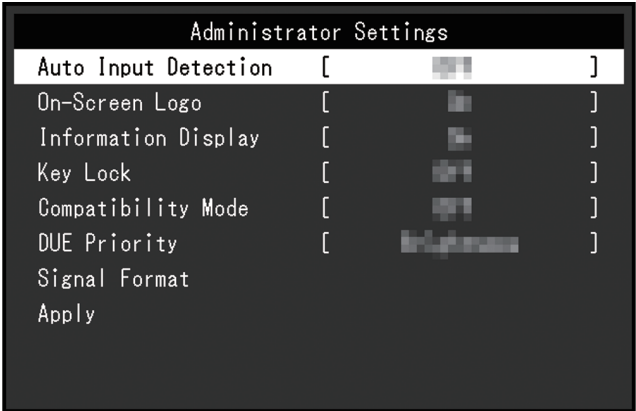
5 Administrator Settings

5.1 Basic Operation of the "Administrator Settings" Menu

1. Touch  to turn off the monitor.
2. While touching the leftmost switch, touch  for more than 2 seconds to turn on the monitor.



The "Administrator Settings" menu appears.



3. Select an item to set with   and select .

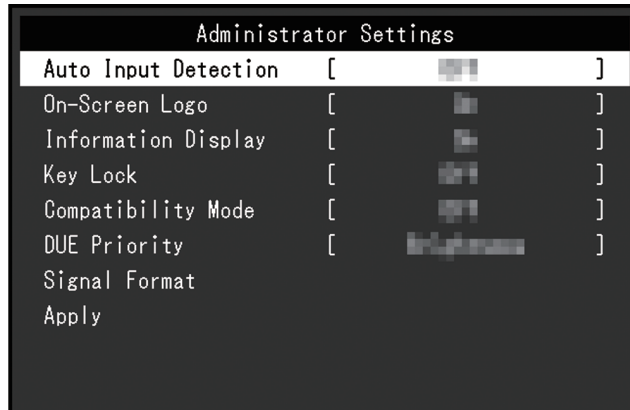
The Adjustment/Setting menu appears.



4. Set with   and select .
5. Select "Apply" and then .

The settings are applied and the "Administrator Settings" menu exits.

5.2 Functions of the "Administrator Settings" Menu



Auto Input Detection

Settings: "On" / "Off"

This function automatically recognizes the connector through which PC signals are input, and displays images on the screen accordingly.

- "On"
When the monitor is connected to multiple external devices, if a specific external device enters power saving mode or no signals are input to the monitor, the connector is automatically changed to another one to which signals are input.
- "Off"
To be set to this when manually selecting input signals. Select the input signal to display using the operation switch () on the front of the monitor. For details, see [2.2 Switching Input Signals \[▶ 11\]](#).

Note

- This product automatically recognizes the connector through which PC signals are input, and displays images on the screen accordingly regardless of whether this function is set to On or Off just after the main power switch on the back of the monitor has been turned on.
- When this function is set to "On", the monitor only enters power saving mode when signals are not input from any external device.

On-Screen Logo

Settings: "On" / "Off"

When the monitor is turned on, the logo appears on the screen.

When this function is set to "Off", the logo does not appear.

Information Display

Settings: "On" / "Off"

If this function is set to "On", [Signal Information \[▶ 16\]](#) is displayed when the signal is switched.

When set to "Off", [Signal Information \[▶ 16\]](#) is not displayed when the signal is switched.

Key Lock

Settings: "Off" / "Menu" / "All"

In order to prevent changes to settings, the operation switches on the front of the monitor can be locked.

- "Off" (default setting)
Enables all switches.
- "Menu"
Locks the  switch.
- "All"
Locks all switches except the power switch.

Compatibility Mode

Settings: "On" / "Off"

If you want to avoid the following phenomena, set this function to "On":

- When the power to the monitor is turned off, a device connected to the USB downstream port does not work. Or, power is not supplied to the connected device.
- The positions of windows and icons are shifted when the monitor is turned off/on or has returned from the power saving mode.
- Even when the mouse or keyboard are used, the external device does not wake from sleep.

DUE Priority

Settings: "Uniformity" / "Brightness"

This product contains a Digital Uniformity Equalizer (DUE) function to reduce screen display variance. The DUE settings can be changed.

- "Uniformity"
Emphasizes reducing display variances.
- "Brightness"
Emphasizes high brightness and high contrast ratios.

Note

- If you have changed the setting of this function while performing color management (calibration) of the monitor, perform calibration again.

Signal Format – HDMI / DisplayPort

Settings: "RGB" / "RGB/YUV"

The type of signal that can be displayed on the monitor can be changed. Try changing this setting if the input signal is not displayed correctly or the intended display does not show.

6 Troubleshooting

6.1 No Picture Displayed

Power indicator does not light up.

- Check whether the power cord is connected properly.
- Turn on the main power switch on the back of the monitor.
- Touch .
- Turn off the main power switch on the back of the monitor, and then turn it on again a few minutes later.

Power indicator is lighting white.

- Increase the various adjustment values for "Brightness" and "Gain" in the Setting menu (see [Color](#)  17).

Power indicator is lighting orange.

- Switch the input signal.
- Turn the setting "On" for "Compatibility Mode" on the "Administrator Settings" menu (see [Compatibility Mode](#)  31).
- Move the mouse or press any key on the keyboard.
- Check whether the external device is turned on.
- Turn off the main power switch on the back of the monitor, and then turn it on again.

The message "No Signal" appears in the screen.

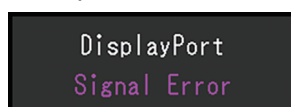
Example:



- The message shown above may appear as some external devices do not output a signal immediately after power-on.
- Check whether the external device is turned on.
- Check whether the signal cable is connected properly.
- Switch the input signal.
- Turn off the main power switch on the back of the monitor, and then turn it on again.
- Try setting "Auto Input Detection" in the "Administrator Settings" menu to "Off" and switching the input signal manually (see [Auto Input Detection](#)  30).

The message "Signal Error" appears in the screen.

Example:



- Check whether the external device is configured to meet the resolution and vertical scan frequency requirements of the monitor. The list of compatible resolutions for this product

is available for download from our web site:
(www.eizoglobal.com)

- Reboot the external device.
- Select an appropriate setting using the graphics board's utility. Refer to the User's Manual of the graphics board for details.

The message "DP Unsupported" appears in the screen.

Example:



- Check whether the connected cable is a signal cable recommended by us.
- Check whether the USB-C of the connected device supports video signal output (DisplayPort Alt Mode). For details, contact the manufacturer of the device.
- Connect a DisplayPort cable or an HDMI® cable.

6.2 Imaging Problems

The screen is too bright or too dark.

- Adjust "Brightness" in the Setting menu (see [Color \[▶ 17\]](#)). (The LCD monitor backlight has a limited life span. If the screen becomes dark or begins to flicker, contact your local EIZO representative.)

Characters and images are blurred.

- Check whether the external device is configured to meet the resolution and vertical scan frequency requirements of the monitor. The list of compatible resolutions for this product is available for download from our web site: (www.eizoglobal.com)
- Try setting the magnification of display on the OS to "100 %". When using multiple monitors, try setting the magnification of display to "100 %" on all monitors.

Afterimage visible

- This phenomenon is characteristic of LCD panels. We recommend avoiding displaying static images for extended periods of time.
- Use the external device's screensaver or power save function if displaying the same image for extended periods of time.
- Depending on the image, an afterimage may appear even if it was displayed for a short period of time. To remove such a phenomenon, change the image or keep the power turned off for several hours.

Green / red / blue / white / dark dots remain on the screen.

- This is due to LCD panel characteristics and not a malfunction.

Interference patterns or pressure marks remain on the LCD panel.

- Leave the monitor with a white or black screen. The symptom may disappear.

Noise appears on the screen.

- When inputting HDCP system signals, normal images may not be displayed immediately.

The positions of windows and icons are shifted when the monitor is turned off/on or when restored from power saving mode.

- Turn the setting "On" for "Compatibility Mode" on the "Administrator Settings" menu (see [Compatibility Mode \[▶ 31\]](#)).

The color shown on the screen is not correct.

- Try changing "Input Color Format" in the Setting menu (see [Input Color Format \[▶ 16\]](#)).

Images are not displayed over the entire area of the screen.

- Try changing "Picture Expansion" in the Setting menu (see [Picture Expansion \[▶ 21\]](#)).
- Check whether the setting for the resolution of the external device matches the resolution of the monitor.

6.3 Other Problems

The Setting menu does not appear.

- Check whether the operation switch lock function is active (see [Key Lock \[▶ 30\]](#)).

Cannot select items in the Setting menu.

- Items that are displayed with gray text cannot be changed.
- "Color" items cannot be changed in some color modes. Setting the color mode to "User" will allow you to change all items (see [Color \[▶ 17\]](#)).

No audio output

- This product does not contain speakers.

USB peripheral devices connected to the monitor do not work.

- Check whether the USB cable is correctly connected between the PC and the USB upstream port on the monitor.
- Check whether the peripheral device is correctly connected to the USB downstream port on the monitor.
- Try using a different USB downstream port on the monitor.
- Try using a different USB port on the PC.
- Check whether the device drivers for the peripheral devices are up to date.
- Reboot the external device.
- Depending on the settings in "USB Selection" in the Setting menu or the input signal, the monitor's USB hub may not be able to be operated from the external device connected via USB. Try switching the "USB Selection" settings or the input signal (see [USB Selection – HDMI / DisplayPort / USB-C \[▶ 24\]](#) and [2.2 Switching Input Signals \[▶ 11\]](#)).
- If the peripheral devices work correctly when they are directly connected to the external device, contact your local EIZO representative.

- Check the BIOS (UEFI) setting for USB when using a Windows PC. (Refer to the User's Manual of the PC for details.)
- Check whether the operating systems of the peripheral devices are up to date.
- If you are using macOS Ventura (13), select "Allow" in the "Allow accessories to connect?" message window displayed when connecting via USB.

Power indicator is flashing orange and white.

- This issue may occur when an external device is connected to the DisplayPort connector. Use a signal cable recommended by us for the connection. Turn the monitor off and on.
- Check the connection and condition of the USB peripheral devices connected to the monitor.
- Check whether the power required for the USB peripheral devices connected to the monitor does not exceed the power that can be supplied from the USB port of the monitor.
- Turn off the main power switch on the back of the monitor, and then turn it on again.
- If the monitor is connected to a laptop with a USB-C cable, connect an AC adapter to the laptop.

Even when the mouse or keyboard are used, the external device does not wake from sleep.

- Turn the setting "On" for "Compatibility Mode" on the "Administrator Settings" menu (see [Compatibility Mode \[▶ 31\]](#)).

The monitor does not supply power (USB Power Delivery) to external devices.

- Check whether the external device has the specifications to operate with a 70 W power supply.
- For a 70 W power supply, use the following USB cables:
 - CC200SS-5A (Included)
 - CC100 (Optional accessory)

7 Attaching/Removing the Stand

7.1 Removing the Stand

The stand section of this product can be removed.

Attention

- Do not move the stand up and down after removing it. If you move the stand up and down while it is not attached to the monitor, this may cause damage or injury.
- If you drop the monitor or stand, this may cause damage or injury due to the weight of the monitor and stand.

1. Raise the height of the monitor to the maximum height.

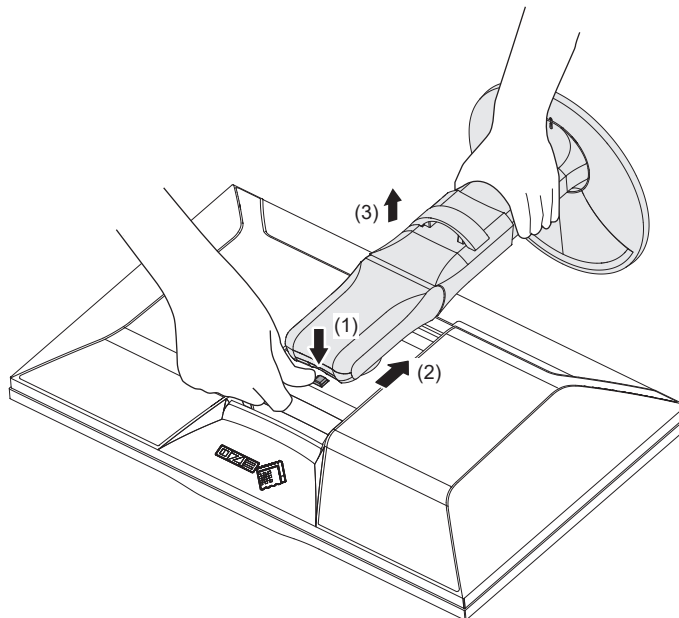
Attention

- If the monitor is not raised to the maximum height, there may be cases when the height of the monitor accidentally changes while removing the stand. This may be the cause of injury or damage.

2. **Lay the LCD monitor on a soft cloth spread over a stable and flat surface with the LCD panel surface facing down.**

3. Remove the stand.

As shown in the diagram, press the lock button (1) while holding firmly onto the brace of the stand, and slide the stand in the direction of the pedestal on the bottom (2). Next, pull the stand upwards to remove it (3).



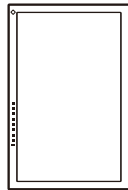
7.2 Attaching the Optional Arm

The optional arm (or optional stand) can be attached by removing the stand section. Please refer to our web site for the supported optional arms (or optional stands).

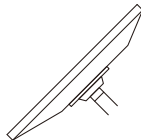
(www.eizoglobal.com)

When attaching an arm or stand, the installable orientations and movement range (tilt angle) are as follows:

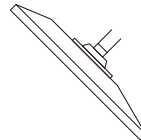
- Orientation



- Movement range (tilt angle)



Up: 45°



Down: 45°

Attention

- When attaching an arm or stand, follow the instructions of the respective User's Manual.
- When using another manufacturer's arm or stand, confirm the following in advance and select one that conforms to the VESA standard:
 - Clearance between screw holes: 100 mm x 100 mm
 - Arm or stand VESA mount dimensions: 122 mm x 122 mm or less
 - Plate thickness: 2.6 mm
 - Strong enough to support weight of the monitor unit (excluding the stand) and attachments such as cables
- Connect the cables after attaching an arm or stand.
- Do not move the removed stand up and down. Doing so may result in injury or device damage.
- The monitor, arm, and stand are heavy. Dropping them may result in injury or equipment damage.
- Periodically check the tightness of the screws. If the screws are not tight enough, the monitor may come unattached. This may be the cause of injury or damage.

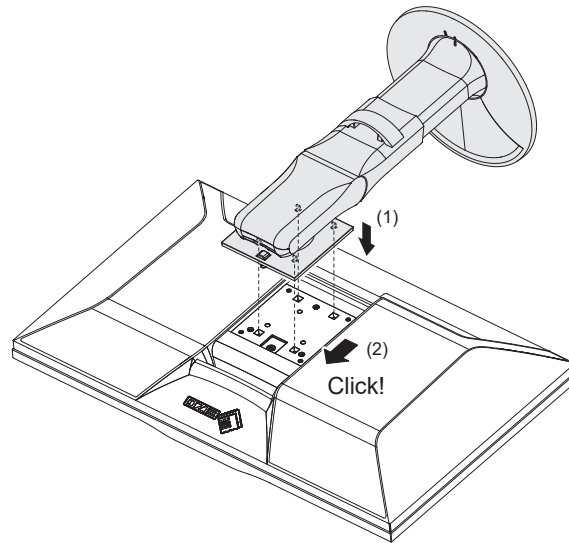
1. Attach the arm or stand to the monitor.

For installation, use commercially available screws that meet the following conditions:

- Nominal diameter: M4
- Length: Between 8.4 mm and 12.9 mm (if using washers, add the washer thickness)

7.3 Attaching the Original Stand

1. Lay the LCD monitor on a soft cloth spread over a stable and flat surface with the LCD panel surface facing down.
2. Remove the fixing screws on the optional arm (or optional stand), and detach the optional arm (or optional stand).
3. Attach the original stand.
Insert the four tabs on the stand into the four holes on the back panel (1), and slide the stand towards the upper portion of the monitor (2). The stand clicks when it is attached correctly. Check that the stand is properly attached by pushing it side to side and back to front.



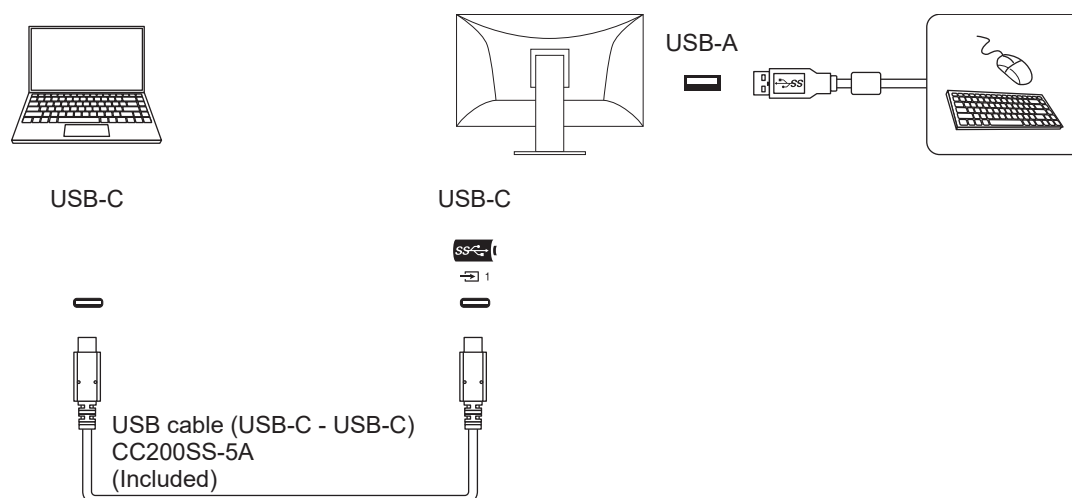
8 Reference

8.1 Using the USB Hub Function

This monitor is equipped with a USB hub. By connecting via USB, peripheral devices that support USB can be used, and smartphones can be charged.

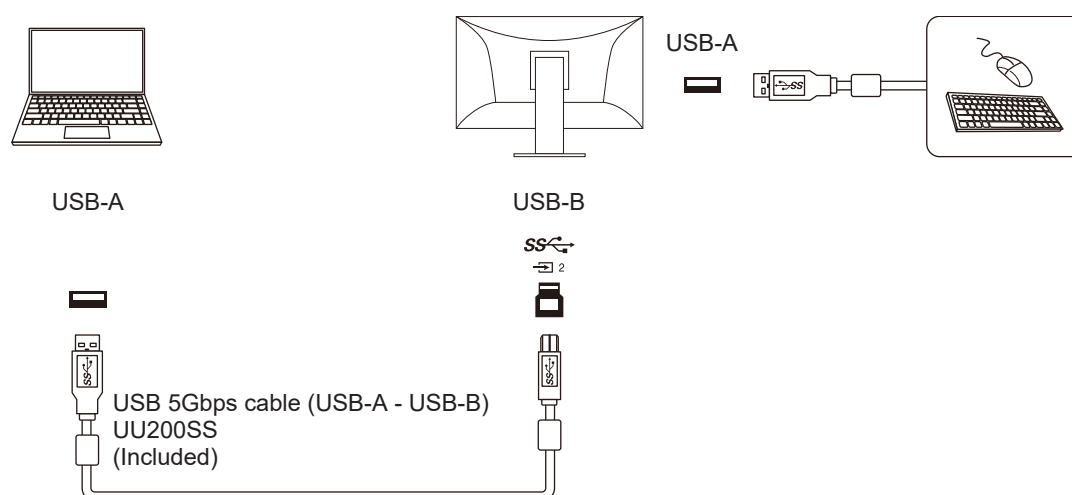
When using the USB-C connector of a PC

Check that the displayed input signal "USB Selection" is set to "USB-1 (USB-C)" (see [USB Selection – HDMI / DisplayPort / USB-C \[▶ 24\]](#)).



When using the USB-A connector of a PC

Check that the displayed input signal "USB Selection" is set to "USB-2" ([USB Selection – HDMI / DisplayPort / USB-C \[▶ 24\]](#)).



Attention

- This function may not work depending on the external device you are using, your OS, and your peripheral devices. Contact the manufacturer of each device for information about USB compatibility.
- Even when the monitor is in power saving mode, devices connected to the USB downstream port are operational. For this reason, the power consumption of the monitor varies depending on the connected devices, even in power saving mode.
- When the main power switch of the monitor is off, a device connected to the USB downstream port will not operate.
- When [Compatibility Mode \[▶ 31\]](#) is set to "Off" and the power of the monitor is turned off, a device connected to the USB downstream port will not operate.

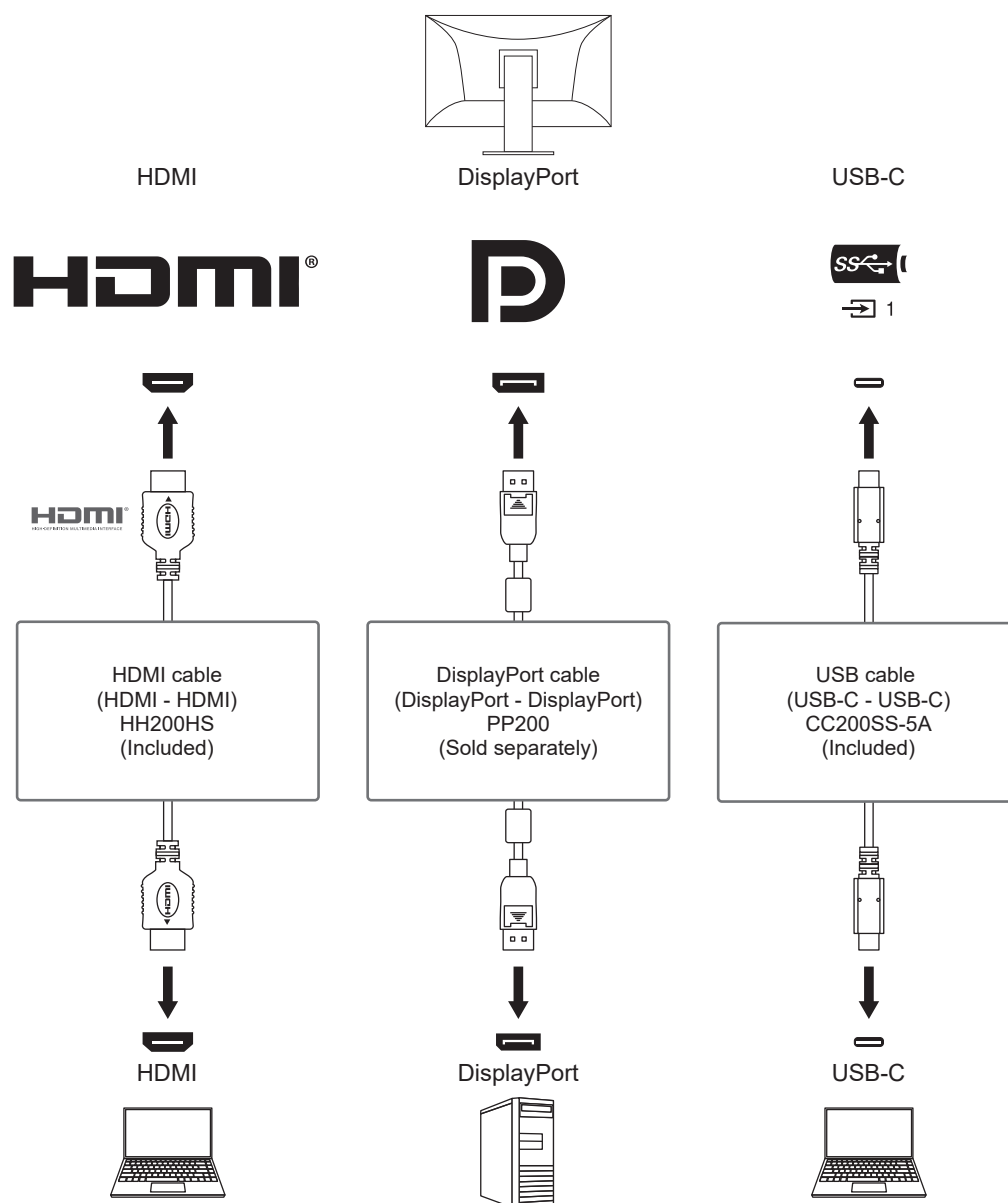
Note

- This product supports USB 5Gbps. When connecting to peripheral devices that support USB 5Gbps, high-speed data communication is possible. (Only when the USB cable used to connect to the external devices or peripheral devices supports USB 5Gbps, and the USB cable is connected to a USB connector (blue connector) that supports USB 5Gbps).

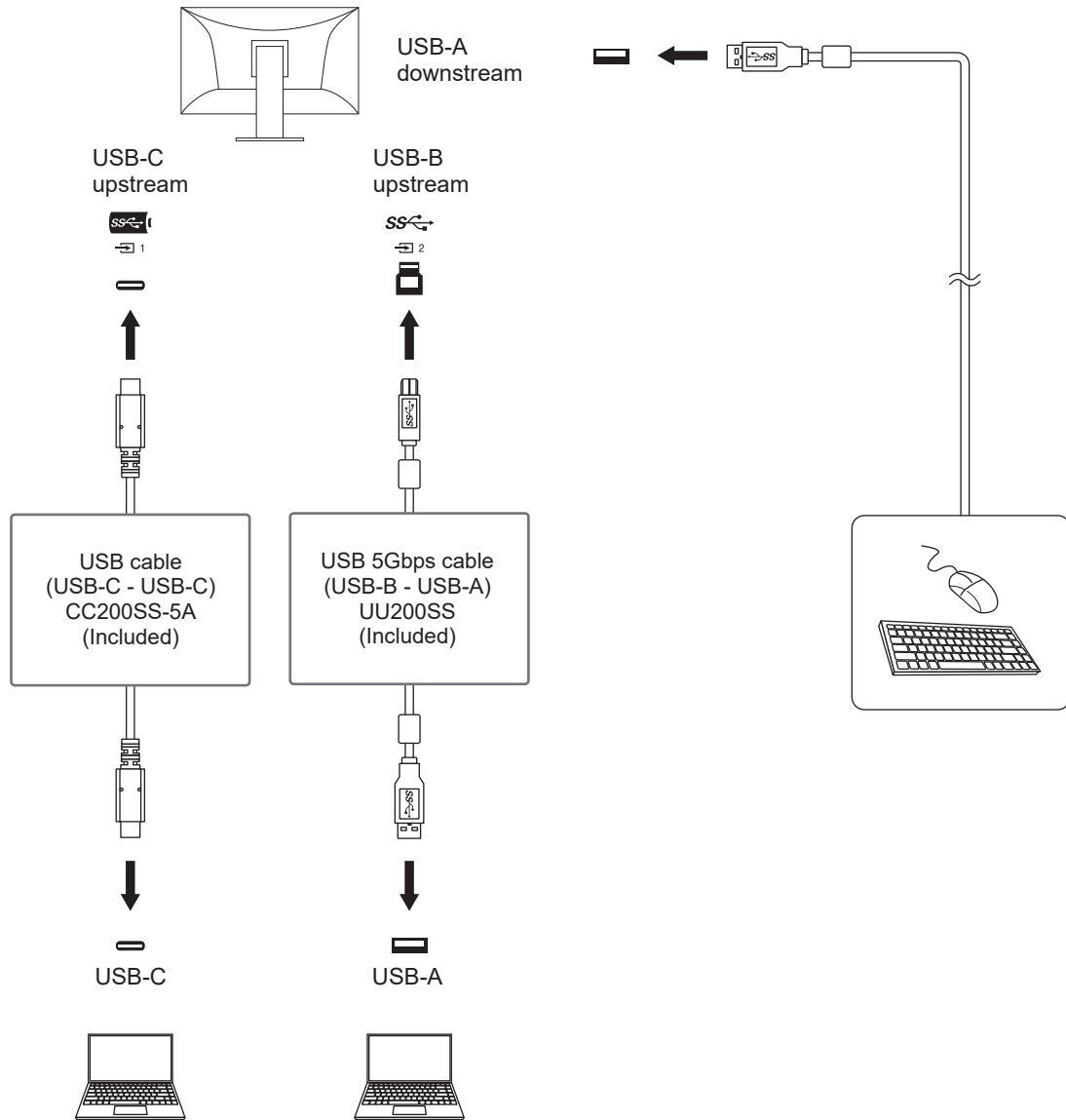
8.2 Connecting Multiple External Devices

This product can be connected to multiple external devices and allows you to switch between the connections for display.

Connection Examples



If two external devices are connected to a single monitor, then the input signals and USB ports can be linked, and the USB device connected to the monitor can be switched using two external devices. For details, see [USB Selection – HDMI / DisplayPort / USB-C](#) [▶ 24].



Note

- You can select the input signal to display using the operation switch () on the front of the monitor. For details, see [2.2 Switching Input Signals](#) [▶ 11].
- This product provides a function that automatically recognizes the connector through which signals are input, and displays images on the screen accordingly. For details, see [Auto Input Detection](#) [▶ 30].

8.3 Specifications

8.3.1 LCD Panel

Type	IPS (Anti-Glare)	
Backlight	LED	
Size	24.1" (61.1 cm)	
Resolution	1920 dots x 1200 lines	
Display Size (H x V)	518.4 mm x 324.0 mm	
Pixel Pitch	0.270 mm x 0.270 mm	
Display Colors	10-bit color	Approx. 1.07 billion colors (using 10-bit input)
Viewing Angle (H / V, typical)	178° / 178°	
Brightness (typical)	300 cd/m ²	
Contrast Ratio (typical)	1000:1	
Response Time (typical)	Black -> White -> Black	14 ms
	Middle Tone Area	14 ms
Color Gamut (typical)	sRGB coverage 100%	

8.3.2 Video Signals

Input Terminals		HDMI (supports HDCP 2.3) ^{*1} x 1, DisplayPort (supports HDCP 2.3) ^{*2} x 1, USB-C (supports DisplayPort Alt Mode, HDCP 2.3) x 1
Digital Scanning Frequency (H / V)	HDMI	Horizontal: 15 kHz – 76 kHz / Vertical: 23 Hz – 61 Hz, 69 Hz – 71 Hz (at 720 x 400)
	DisplayPort	Horizontal: 26 kHz – 76 kHz / Vertical: 23 Hz – 61 Hz, 69 Hz – 71 Hz (at 720 x 400)
	USB-C (DisplayPort Alt Mode)	Horizontal: 26 kHz – 76 kHz / Vertical: 23 Hz – 61 Hz, 69 Hz – 71 Hz (at 720 x 400)
Frame Synchronization Mode		23.8 Hz – 30.5 Hz, 47.5 Hz – 61.0 Hz
Max. Dot Clock		164 MHz

*1 HDMI CEC (or mutual control) is not supported.

*2 Supports HDCP 1.3 if "Input Color Format" in the Setting menu is "YUV".

8.3.3 USB

Port	Upstream	USB-C (USB 5Gbps) ^{*1} x 1, USB-B (USB 5Gbps) x 1
	Downstream	USB-A (USB 5Gbps) x 2, USB-A (USB 2.0) x 2
Standards		USB Specification Revision 3.2, USB Specification Revision 2.0
Communication Speed		5 Gbps, 480 Mbps, 12 Mbps, 1.5 Mbps
Supply Current	Upstream	USB-C (USB 5Gbps): Maximum 70 W (5 V/3A, 9 V/3A, 15 V/3A, 20 V/3.5A)
	Downstream ^{*2}	USB-A (USB 5Gbps): Maximum 900 mA per port USB-A (USB 2.0): Maximum of 500 mA per port

*1 Supports Pin Assignment E. The optional accessory CP200 (USB-C - DisplayPort) can be connected to the DisplayPort output connector of the external device.

*2 Power will not be supplied if the external device and the monitor are not connected by USB.

8.3.4 Power

Input	100 – 240 VAC $\pm$ 10 %, 50 / 60 Hz, 1.40 – 0.60 A
Maximum Power Consumption	134 W or less
Power Save Mode (typical)	0.3 W (only for DisplayPort input, "Compatibility Mode" : "Off", when not connected to a USB device)
Standby Mode (typical)	0.3 W ("Compatibility Mode" : "Off", when not connected to a USB device)

8.3.5 Physical Specifications

Dimensions	554.4 mm x 411.2 mm – 556.2 mm x 262.0 mm (W x H x D) (Tilt: 35°)
	554.4 mm x 396.0 mm – 551.0 mm x 245.0 mm (W x H x D) (Tilt: 0°)
Dimensions (Without Stand)	554.4 mm x 362.0 mm x 64.0 mm (W x H x D)
Net Weight	Approx. 8.1 kg
Net Weight (Without Stand)	Approx. 5.1 kg
Height Adjustment Range	145.0 mm (Tilt: 35°) / 155.0 mm (Tilt: 0°)
Tilt	Up 35°, down 5°
Swivel	344°
Vertical Rotation	Right 90°

8.3.6 Operating Environmental Requirements

Temperature	0°C – 35°C
Humidity	20 % – 80 % R.H. (no dew condensation)
Air Pressure	540 hPa – 1060 hPa

8.3.7 Transportation / Storage Environmental Requirements

Temperature	-20 °C – 60 °C
Humidity	10 % – 90 % R.H. (no dew condensation)
Air Pressure	200 hPa – 1060 hPa

8.3.8 Accessories

For the latest information about accessories, refer to our web site.

(www.eizoglobal.com)

Appendix

Trademark

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