



# User's Manual

## ColorNavigator Network

### Network Color Management Solution

Ver.1.1

#### **Important**

Please read this "User's Manual" carefully to familiarize yourself with safe and effective usage.

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- For the latest product information including the "User's Manual", refer to our web site :

[www.eizoglobal.com](http://www.eizoglobal.com)

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# CONTENTS

<b>CONTENTS</b> .....	<b>3</b>
<b>Chapter 1 Introduction</b> .....	<b>4</b>
1-1. Features .....	4
1-2. Software Combination .....	4
1-3. ColorNavigator Network Overview .....	5
● User accounts .....	5
● Supported browsers.....	5
● Applicable Monitors.....	5
1-4. Main Screen .....	6
● Monitor management .....	6
● Group/user management .....	7
<b>Chapter 2 ColorNavigator Network Implementation</b> .....	<b>8</b>
2-1. ColorNavigator Network Implementation... ..	8
2-2. Login / Logout .....	9
● Log in.....	9
● Log out .....	9
2-3. Group Management .....	10
● Registration .....	10
● Edit .....	10
2-4. User Management.....	11
● Registration .....	11
● Edit .....	11
● Log-in user settings.....	12
● Remove .....	12
2-5. Client Computer Configuration .....	13
<b>Chapter 3 Monitor Management</b> .....	<b>17</b>
3-1. Monitor List.....	17
● Filtering monitors.....	17
● Setting the items to display .....	19
● Removing Monitors .....	20
● Copying to clipboard .....	21
● Downloading as CSV file.....	21
3-2. Detailed Monitor Information .....	22
3-3. Remote Control .....	23
● Monitor settings.....	23
● Request to upload .....	31
● Asset information settings.....	32
<b>Chapter 4 Troubleshooting</b> .....	<b>33</b>
<b>Appendix</b> .....	<b>34</b>
Trademark .....	34

# Chapter 1 Introduction

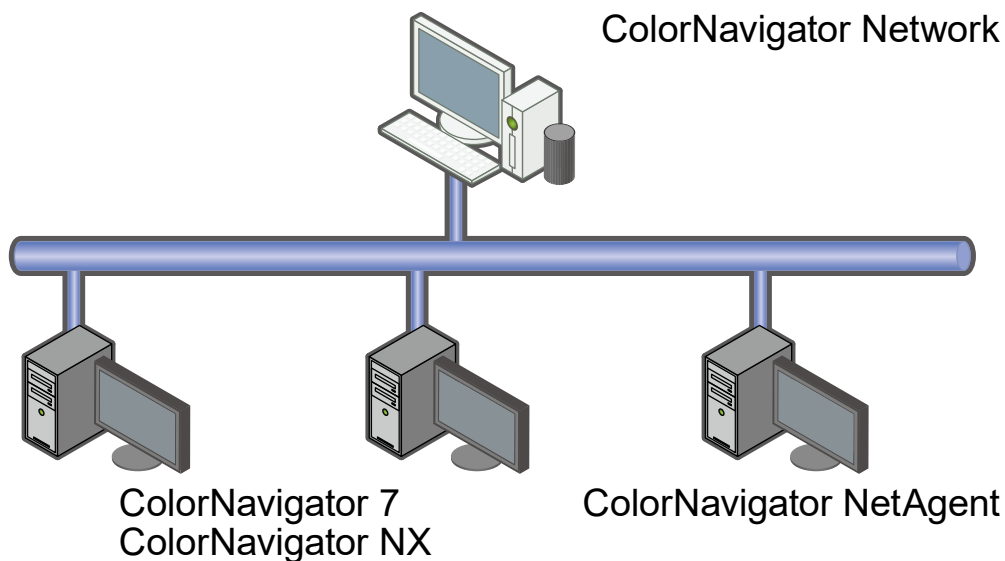
ColorNavigator Network is an administrative support tool that allows you to access a server from a network computer, using a web browser, in order to centrally manage the settings and asset information of the monitors connected to the computers with ColorNavigator 7, ColorNavigator NX or ColorNavigator NetAgent software installed.

## 1-1. Features

- Listing computers and monitors
  - Displays a list of computers and their connected monitors.
  - Checks the status of monitors via network and supports monitor quality control.
- Remote operation of monitors
  - Monitor settings
    - Allows settings of SelfCalibration (adjustment target and schedule), SelfCorrection (schedule), and color mode (type selection<sup>\*1</sup>, adjustment and mode enabled / disabled).
  - \*1 Depending on the monitor, this setting may not be available. For details, refer to the ColorNavigator 7 or ColorNavigator NX User's Manual.
  - Asset information settings
    - Unique asset information can be set to individual monitors.
  - Data upload request
    - You can request a client computer to upload the latest computer information.

## 1-2. Software Combination

ColorNavigator Network is a Web application that runs on a server. Administrators can log in from a web browser. ColorNavigator 7, ColorNavigator NX or ColorNavigator NetAgent software must be installed on the computers to be managed using ColorNavigator Network. It is not necessary to install the software on the administrator computer.



# 1-3. ColorNavigator Network Overview

## ● User accounts

There are three levels of user accounts: “System administrator”, “Standard user” and “Restricted user”. Privileges assigned to each user account level differ as shown below. For how to add and set a user account, see “2-4. User Management” (page 11).

√: Possible, -: Not possible

Function	System administrator	Standard user	Restricted user
Browsing monitor information	√	√	√
Remote control of monitors	Monitor settings	√	-
	Asset information settings	√	-
	Data upload request	√	√
Group/user settings	√	-	-

## ● Supported browsers

The latest versions of the following browsers can be used. Ensure that JavaScript and cookies are enabled.

### Windows

- Google Chrome
- Microsoft Edge

### macOS

- Google Chrome
- Safari

### Linux

- Google Chrome
- Mozilla Firefox

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#### **Note**

- Firefox is recommended for a web browser for Linux.
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## ● Applicable Monitors

The ColorNavigator Network can manage EIZO ColorEdge monitors (excluding CG3145 / CS230 / CS240 / CS270) used with a ColorNavigator 7 or ColorNavigator NX environment. For more information, refer to our web site ([www.eizoglobal.com](http://www.eizoglobal.com)).

# 1-4. Main Screen

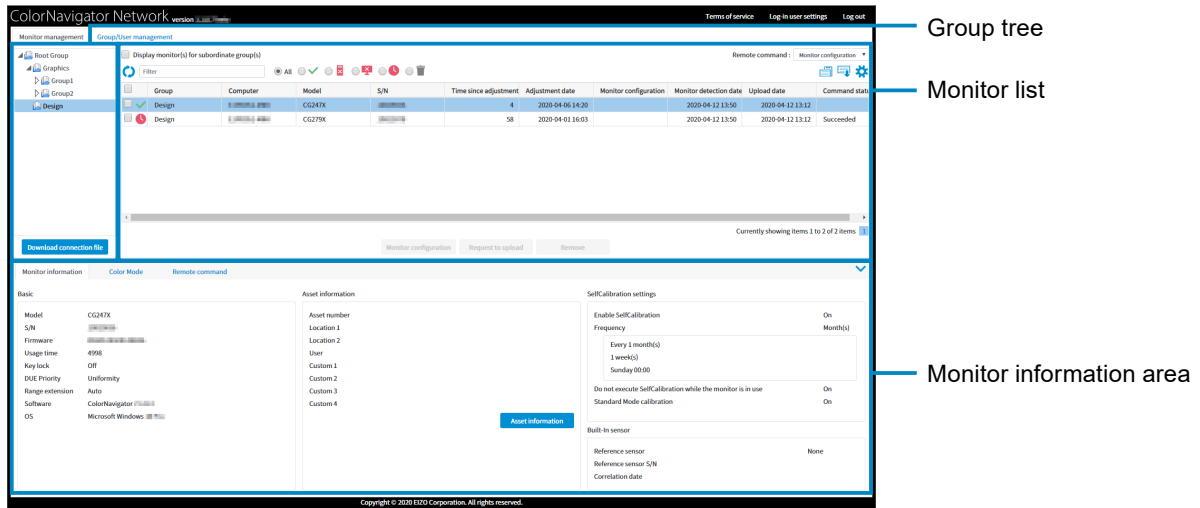
When you log in to ColorNavigator Network, the main screen appears. The “Monitor management” tab screen or “Group/user management” tab screen is displayed on the main screen.

**Attention**

- The layout may be subject to change without prior notice.

## ● Monitor management

This screen allows you to display information of connected monitors and operate the monitors by remote control.



Group tree	Displays the groups that can be managed.
Monitor list	Displays a list of monitors being managed in the selected group.
Monitor information area	Displays detailed information on the monitor selected in the monitor list, such as basic information, color mode settings and remote command execution statuses.

## ● Group/user management

This screen allows you to manage groups, and display and edit users belonging to each group.

### Note

- This is available when you have logged in with “System administrator” privileges.

The screenshot shows the 'ColorNavigator Network' interface for 'Group/User management'. On the left, a 'Group tree' displays a hierarchy starting with 'Root Group', followed by 'Design' and 'Graphics'. Under 'Graphics', there are 'Group1', 'Group1-1', 'Group1-2', 'Group2', and 'Group2-1'. Below the tree are 'Add group' and 'Remove group' buttons. The 'Edit area' on the right is for the 'Root Group' and includes fields for 'Group name' (Root Group), 'Information' (demo public root), 'Group ID' (3), 'Connection code' (blurred), and 'Query interval' (2 minutes). It also has 'Download connection file' and 'Save' buttons. At the bottom, the 'User list' table shows:

User	Full name	Type
abc_user01	abc_user01	Standard user
abc_restricted	abc_restricted	Restricted user
abc_user03	abc_user03	Standard user
abc_admin	admin123	System administrator

Buttons for 'Add user' and 'Remove user' are located below the table.

Group tree	Displays the groups that can be managed. To add a group, press the “Add group” button.
Edit area	Allows you to edit the information of the selected group or display the information of each user.
User list	Displays a list of users registered in the group selected in the group tree. To add a user, press the “Add user” button.

# Chapter 2 ColorNavigator Network Implementation

To use ColorNavigator Network, register groups, add user accounts and configure client computers as necessary.

## 2-1. ColorNavigator Network Implementation

The implementation procedure is shown below.

- 1. Log in to ColorNavigator Network (page 9).**
- 2. Add groups as necessary (page 10).**
- 3. Register users in each group as necessary (page 10).**
- 4. Download the connection file for each group (page 13).**
- 5. Configure client computers (page 14).**



## 2-2. Login / Logout

### ● Log in

When you apply for using ColorNavigator Network, EIZO will register account information. On completion of registration, the URL, user account and password for accessing to ColorNavigator Network will be informed to you.

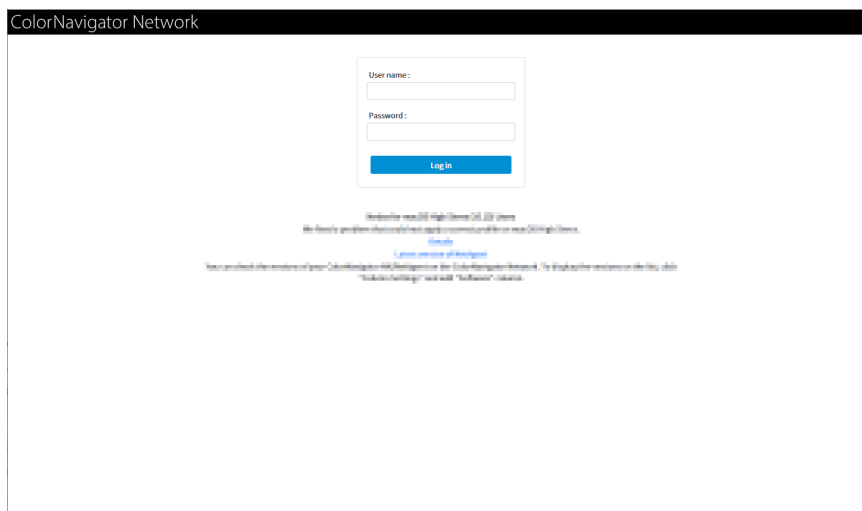
#### Attention

- It is recommended that the password be changed at regular intervals.

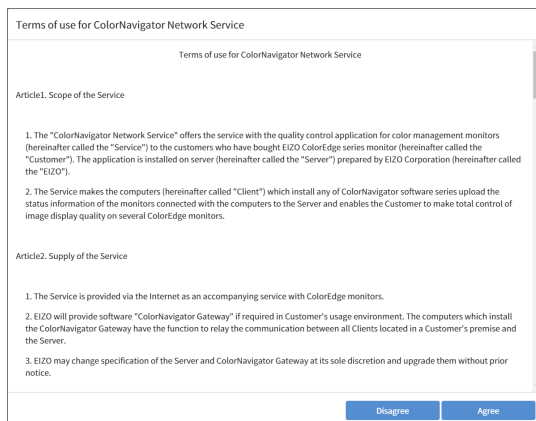
#### Note

- If a certain length of time has elapsed with no operation since you logged in, you will be automatically logged out.

Enter the user account and password, and click the “Log in” button.



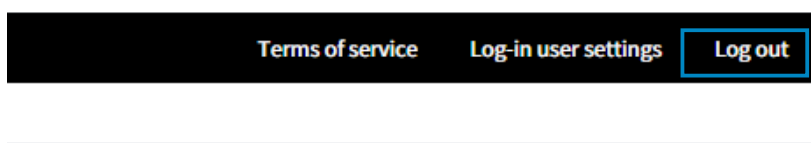
The terms and conditions will be displayed at the initial login only. Read them carefully and click the “Agree” button.



If the Password Change screen is displayed, set a new password.

### ● Log out

Click “Log out” at the top right on the main screen to log out.



## 2-3. Group Management

Groups can be created. It is possible to create groups within a group. Groups are managed on the “Group/user management” tab screen of the main screen.

### Note

- Groups can be managed only when you logged in with “System administrator” privileges.

### ● Registration

1. Click “Add group” under the group tree on the “Group/user management” tab screen.  
The screen for adding a group appears in the edit area.
2. Set the necessary information.

The screenshot shows a form for adding a new group. The form fields are: Group name (text input with 'New Group'), Information (text area with 'New Group under global'), Belong to (dropdown menu with 'Root Group'), Group ID (text input), Connection code (text input), and Query interval (text input with '2' and 'minutes'). There are two buttons at the bottom: 'Download connection file' and 'Save'. Annotations with blue lines point to the Group name, Information, Belong to, and Query interval fields, and the Save button.

Group name: New Group — Set a group name.

Information: New Group under global — Set the information related to the group.

Belong to: Root Group — Set the higher group it belongs to.

Group ID

Connection code

Query interval: 2 minutes — Set an interval at which a computer that belongs to the group sends a query to ColorNavigator Network.

Download connection file Save

3. Click “Save”.  
A group is created and displayed in the group tree.

### ● Edit

1. Select the group to edit in the group tree on the “Group/user management” tab screen.  
The screen for editing a group appears in the edit area.
2. Set the necessary information.

The screenshot shows a form for editing an existing group. The form fields are: Group name (text input with 'New Group'), Information (text area with 'New Group under global'), Belong to (dropdown menu with 'Root Group'), Group ID (text input), Connection code (text input), and Query interval (text input with '2' and 'minutes'). There are two buttons at the bottom: 'Download connection file' and 'Save'. Annotations with blue lines point to the Group name, Information, Belong to, and Query interval fields, and the Save button.

Group name: New Group — Set a group name.

Information: New Group under global — Set the information related to the group.

Belong to: Root Group — Set the higher group it belongs to.

Group ID

Connection code

Query interval: 2 minutes — Set an interval at which a computer that belongs to the group sends a query to ColorNavigator Network.

Download connection file Save

3. Click “Save”.  
The group settings are saved.

### ● Delete

1. Select the group to be deleted from the group tree of the “Group/User management” screen.
2. Click “Remove user” below the group tree.  
A confirmation message is displayed.
3. Check “Agree to the above and remove the user completely” and click “Remove completely”.

## 2-4. User Management

Users can be added to a group. Users can browse the information of the group which they belong to and its subgroup(s).

### Note

- Users can be managed only when you logged in with “System administrator” privileges.

### ● Registration

1. Click “Add user” at the bottom of the user list on the “Group/user management” tab screen.  
The screen for adding a user appears in the edit area.
2. Set the necessary information.

User name	<input type="text" value="NewGroupAdmin"/>	Set a user name.
Full name	<input type="text" value="NewGroupAdmin"/>	Set the user's full name.
Type	<input type="text" value="Standard user"/>	Select the level of user account.
Password	<input type="password" value="....."/>	Set an initial password (2 fields).
Password confirmation	<input type="password" value="....."/>	
Status	<input type="text" value="Enabled"/>	Select the status (enabled / disabled).
Belong to	<input type="text" value="Root Group"/>	Select the group the user belongs to.
Language	<input type="text" value="English"/>	Select the language the user uses.
Date format	<input type="text" value="yyyy-MM-dd"/>	Select the date format.
Timezone	<input type="text" value="(UTC+09:00) Tokyo Standard Time"/>	Select the time zone.
Mail address	<input type="text" value="test@test.com"/>	Set an e-mail address.

3. Click “Save”.  
A user is created and displayed in the user list.

### ● Edit

1. Select the user to edit from the user list on the “Group/user management” tab screen.  
The screen for editing a user appears in the edit area.
2. Set the necessary information.

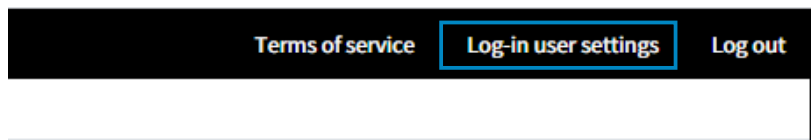
User name	<input type="text" value="NewGroupAdmin"/>	
Full name	<input type="text" value="NewGroupAdmin"/>	Set the user's full name.
Type	<input type="text" value="Standard user"/>	Select the level of user account.
Password	<input type="password" value="....."/>	Set a password (2 fields).
Password confirmation	<input type="password" value="....."/>	
Status	<input type="text" value="Enabled"/>	Select the status (enabled / disabled).
Belong to	<input type="text" value="Root Group"/>	Select the group the user belongs to.
Language	<input type="text" value="English"/>	Select the language the user uses.
Date format	<input type="text" value="yyyy-MM-dd"/>	Select the date format.
Timezone	<input type="text" value="(UTC+09:00) Tokyo Standard Time"/>	Select the time zone.
Mail address	<input type="text" value="newgroup@test.com"/>	Set an e-mail address.

3. Click “Save”.  
The user settings are saved.

## ● Log-in user settings

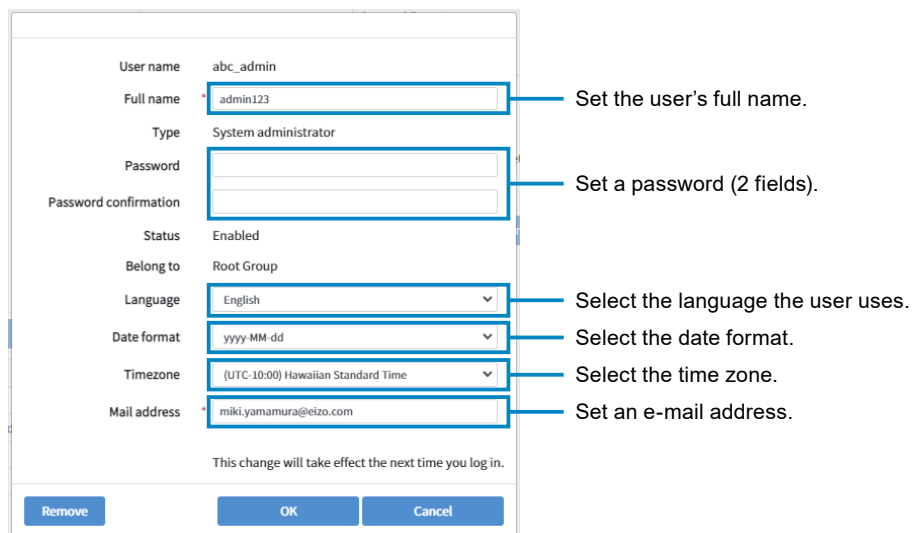
The settings of the user who is logged in can be changed.

1. Click “Log-in user settings” at the top right.



The log-in user settings screen appears.

2. Set the necessary information.

A screenshot of a user settings form. The form contains the following fields and values: 'User name' (abc\_admin), 'Full name' (admin123), 'Type' (System administrator), 'Password' (empty), 'Password confirmation' (empty), 'Status' (Enabled), 'Belong to' (Root Group), 'Language' (English), 'Date format' (yyyy-MM-dd), 'Timezone' ((UTC-10:00) Hawaiian Standard Time), and 'Mail address' (miki.yamamura@eizo.com). Blue lines point from text annotations on the right to each of these fields. The annotations are: 'Set the user's full name.' (pointing to Full name), 'Set a password (2 fields).' (pointing to Password and Password confirmation), 'Select the language the user uses.' (pointing to Language), 'Select the date format.' (pointing to Date format), 'Select the time zone.' (pointing to Timezone), and 'Set an e-mail address.' (pointing to Mail address). At the bottom of the form are three buttons: 'Remove', 'OK', and 'Cancel'. Below the form, it says 'This change will take effect the next time you log in.'

3. Click “OK”.

The changes become valid from subsequent logins.

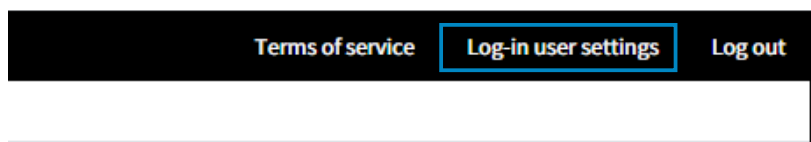
## ● Remove

### “Group/User Management” screen

1. From the user list on the “Group/User Management” screen, select the user to be deleted.
2. Click “Remove User” at the bottom of the user list.  
A confirmation message is displayed.
3. Check “Agree to the above and remove the user completely” and click “Remove completely”.

### “Log-in user settings” screen

1. Click “Log-in user settings” at the top right.

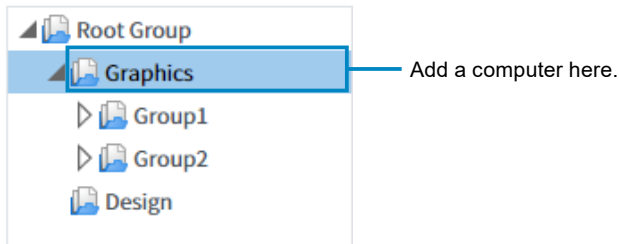


The log-in user settings screen appears.

2. Click “Remove”.  
A confirmation message is displayed.
3. Check “Agree to the above and remove the user completely” and click “Remove completely”.

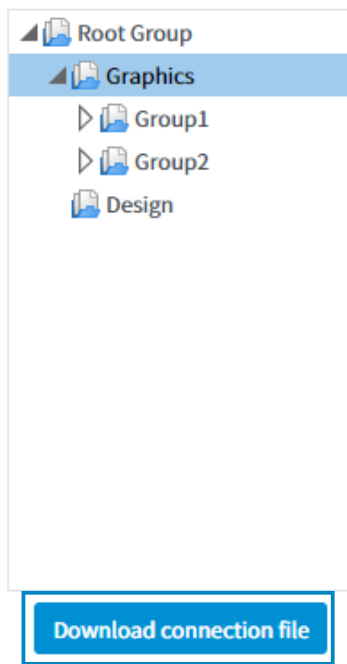
## 2-5. Client Computer Configuration

Software setup can be executed to all computers which are connected to the monitors to be managed. This section explains an example of adding a computer, connected to a CG279X monitor, to the “Graphics” group shown below.



### 1. Download the connection file.

1. Log in to ColorNavigator Network.
2. Select “Graphics” in the group tree.
3. Click “Download connection file”.



Download the Connection.xml file.

---

**Note**

- Users of all levels can download this file.
- 

### 2. Distribute the downloaded connection file to the users of client computers.

### 3. Configure client computers.

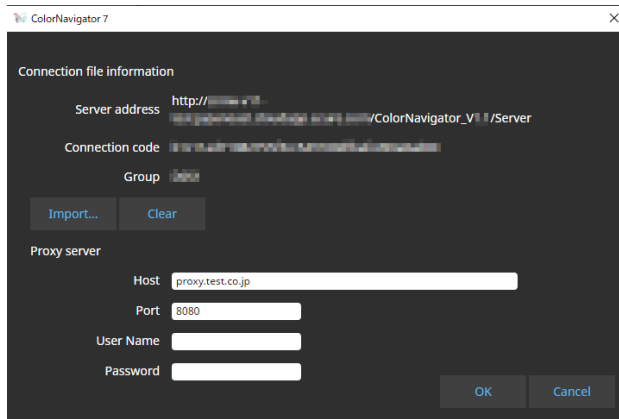
- **In the case of a computer with ColorNavigator 7 or ColorNavigator NX installed:**

Start ColorNavigator 7 or ColorNavigator NX and import the Connection.xml file to configure network settings. For details, refer to the ColorNavigator 7 or ColorNavigator NX User's Manual.

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**Note**

- When a proxy server is used for Internet connection, specify the proxy server correctly in ColorNavigator 7 or ColorNavigator NX.
- 



- **For monitor management without installing ColorNavigator 7 or ColorNavigator NX:**

In the case of a system where ColorNavigator 7 and ColorNavigator NX cannot be installed, install ColorNavigator NetAgent to enable monitor management.

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**Note**

- The following software cannot be used with ColorNavigator NetAgent at the same time. When installing ColorNavigator NetAgent, please uninstall the following software.
    - ColorNavigator 6
    - ColorNavigator NX
    - ColorNavigator 7
  - The system requirements for ColorNavigator NetAgent are the same as ColorNavigator 7 or ColorNavigator NX. For details, refer to the ColorNavigator 7 or ColorNavigator NX User's Manual.
  - ColorNavigator NetAgent cannot be used to adjust monitors. Also, for models that do not support SelfCalibration, ColorNavigator Network cannot perform CAL mode adjustment. Use of ColorNavigator 7 or ColorNavigator NX is recommended.
  - For the method to obtain ColorNavigator NetAgent, contact your local EIZO representative.
-

## ● Windows

1. Unzip the downloaded file.
2. Copy the Connection.xml file into the folder that contains the “Setup.exe” file within the folder created by extraction.
3. When a proxy server is used for Internet connection, edit the Proxy.xml file in the folder that contains the “Setup.exe” file to set up the proxy server.
4. Execute “Setup.exe”.

---

### Note

- To uninstall ColorNavigator NetAgent, follow the procedure below.
    1. Select “Control Panel” - “Uninstall a program”.
    2. Select “CNNetAgent” from the list and click “Uninstall”.
  - A user account with “Administrator” privileges is required for installation and uninstallation.
  - Please consult your system administrator for your account.
- 

## ● macOS

1. Unzip the downloaded file.
2. Copy the Connection.xml file into the folder that contains the “CNNetAgent.pkg” file within the folder created by extraction.
3. When a proxy server is used for Internet connection, edit the Proxy.xml file in the folder that contains the “CNNetAgent.pkg” file to set up the proxy server.
4. Execute “CNNetAgent.pkg”.

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### Note

- To uninstall ColorNavigator NetAgent, follow the procedure below.
    1. Launch “Activity Monitor” and quit “CNNetAgent”.
    2. Delete the following files and folder.
      - /Applications/CNNetAgent.app
      - /Library/Application Support/EIZO/ColorNavigator NetAgent
      - /Library/LaunchAgents/com.eizo.ColorNavigatorNetAgent.plist
- 

## ● Linux

1. Unzip the downloaded file.
2. Copy the Connection.xml file into the directory that contains the “install.sh” file within the directory created by extraction.
3. When a proxy server is used for Internet connection, edit the Proxy.xml file in the directory that contains the “install.sh” file to set up the proxy server.
4. Execute “install.sh”.

---

### Note

- To uninstall ColorNavigator NetAgent, execute “uninstall.sh” in the directory created by extraction.
  - The user account must have root privileges for installation and uninstallation.
- 

### Note

- The Proxy.xml file contains the data below. Edit data using a text editor.

```
<Proxy Version="1">
  <Host>proxy.example.co.jp</Host>
  <Port>8080</Port>
</Proxy>
```


Specify the server address.

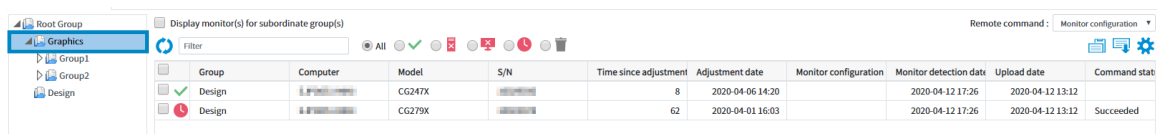
Specify the port number.

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## 4. Check connection.

1. Log in to ColorNavigator Network.
2. Select “Graphics” in the group tree.

The monitor is displayed in the monitor list. If not, click .



Group	Computer	Model	S/N	Time since adjustment	Adjustment date	Monitor configuration	Monitor detection date	Upload date	Command status
Design		CG247X		8	2020-04-06 14:20		2020-04-12 17:26	2020-04-12 13:12	
Design		CG279X		62	2020-04-01 16:03		2020-04-12 17:26	2020-04-12 13:12	Succeeded



# Chapter 3 Monitor Management

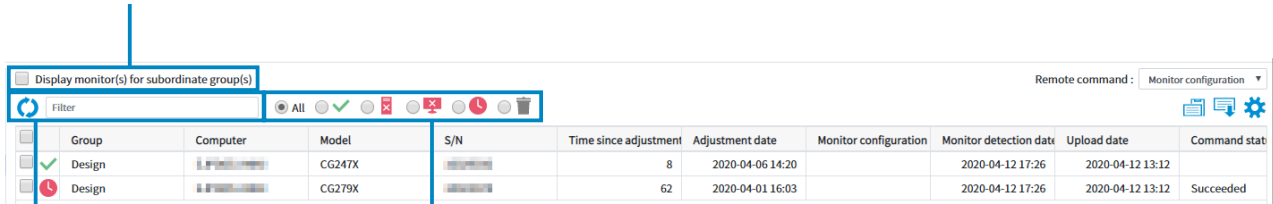
Individual monitor management or central monitor management can be performed on the “Monitor management” screen.

## 3-1. Monitor List

### ● Filtering monitors

The monitors to be displayed in the list can be narrowed down by specifying filter conditions.

Checking the box will also display the list of monitors in the subgroup(s).



Narrow down using any key word(s).  
Text entered into the text boxes is not case-sensitive.

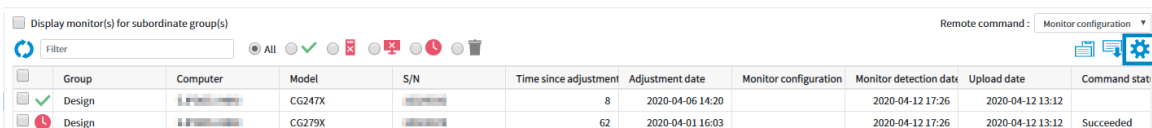
The meanings of the icons are as shown below.

Icon	Meaning
	Displays the monitors and computers that do not have problems.
	Displays monitors where the number of days passed since “Computer detection date” is greater than the threshold value set in the “Alert settings” tab. You can check which computers have not been connected to ColorNavigator Network for a given period.
	Displays monitors where the number of days passed since “Monitor detection date” is greater than the threshold value set in the “Alert settings” tab. You can check which monitors have not had their information updated for a given period.
	Displays monitors where the usage time or days passed since “Adjustment date” is greater than the threshold value set in the “Alert settings” tab. You can check which monitors have not been adjusted for a given period.
	Displays deleted monitors.

### ● Alert status

Sets alert conditions for (Adjustment date), (Monitor detection date), (Computer detection date).

1. Click .



2. Tick the boxes for items you wish to set and set the values.

The screenshot shows a dialog box with two tabs: 'Alert settings' and 'Column settings'. The 'Column settings' tab is active. Below the tabs, there is a heading: 'Set the thresholds that will trigger the alerts (displayed as icons)'. There are three rows of settings:

- Row 1: A checkbox with a red 'x' icon is checked. To its right is a text input field containing '10' and the label 'days'.
- Row 2: A checkbox with a red 'x' icon is checked. To its right is a text input field containing '30' and the label 'days'.
- Row 3: A checkbox with a red clock icon is unchecked. To its right is a dropdown menu showing 'Time since adjustment' and a text input field containing '10' and the label 'hours'.

At the bottom of the dialog box, there are two buttons: 'Save' and 'Cancel'.

3. Click "Save".

## ● Setting the items to display

The items to display in the monitor list can be configured.

1. Click .

Group	Computer	Model	S/N	Time since adjustment	Adjustment date	Monitor configuration	Monitor detection date	Upload date	Command status
Design		CG247X		8	2020-04-06 14:20		2020-04-12 17:26	2020-04-12 13:12	
Design		CG279X		62	2020-04-01 16:03		2020-04-12 17:26	2020-04-12 13:12	Succeeded

2. Click the “Column settings” tab and add or remove the items.

The items that can be added to the list.

The items displayed in the list.

Move the selected items upward by one line.

Move the selected items downward by one line.

Add the selected items to the monitor list.

Remove the selected items from the monitor list.

Reset the items displayed in the monitor list to the default settings.

3. Click “Save”.

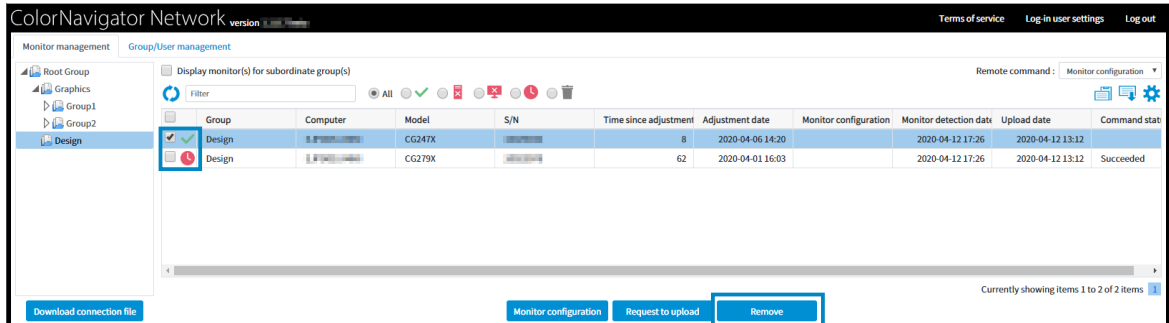
## ● Removing Monitors

### Remove from the list of monitors (can be restored)

Monitors that no longer need management can be removed from the list.

1. Select a monitor to be removed.
2. Click “Remove” button.

The selected monitor is removed from the list.




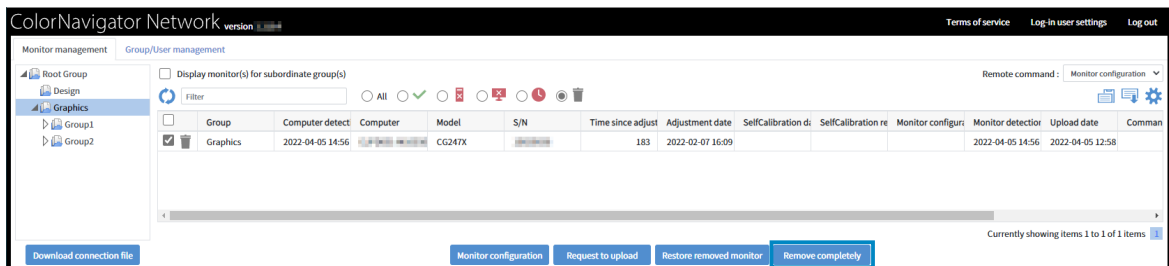
#### Note

- To restore a removed monitor, click “Restore removed monitor”.

### Remove from the database (cannot be restored)

Monitors removed from the list of monitors can also be completely removed from the database.

1. Select .  
Monitors removed from the list of monitors are displayed.
2. Select a monitor to be removed.
3. Click “Remove completely”.



A confirmation message is displayed.

4. Click “Remove completely”.

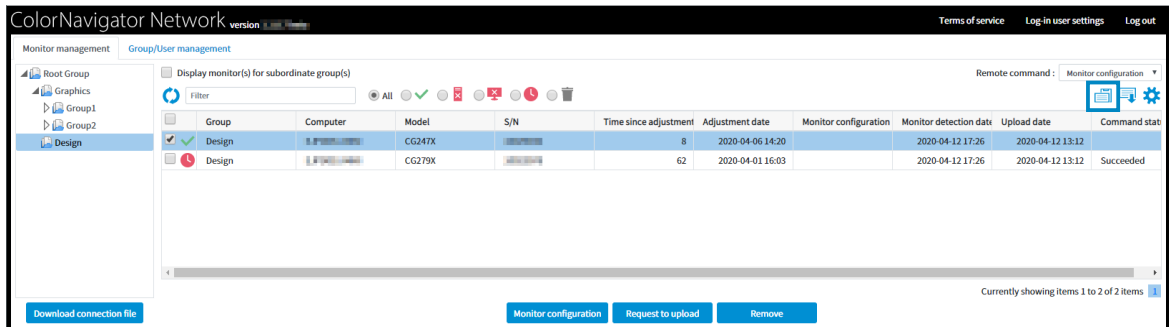
#### Note

- You must be logged in as a “System administrator” to completely remove the monitor information from the database.
- If you remove a monitor with a monitor setting command status of “Waiting for SelfCalibration” or “Waiting for post-process”, the operations in “Color” - “Target Settings” cannot be performed on the monitor. This state can be resolved by performing “Preferences” - “Monitor Reset” on the monitor or by starting ColorNavigator 7.

## ● Copying to clipboard

You can copy the displayed list of monitors as text data (separated by tabs) to the clipboard.

1. Click .

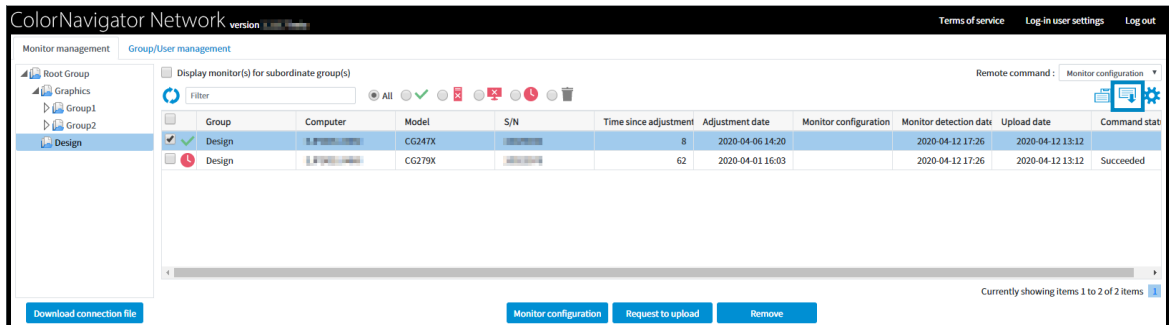


2. Click "OK".

## ● Downloading as CSV file

You can download the list of monitors being displayed as a CSV file.

1. Click .

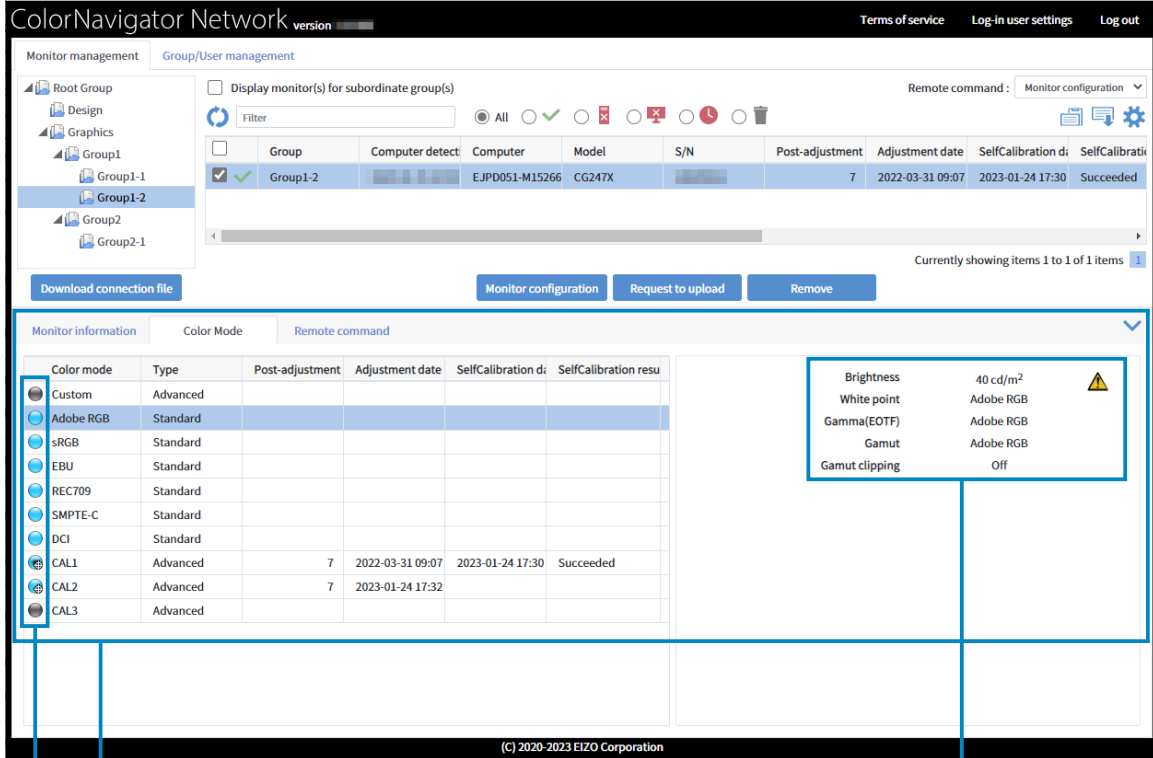


2. Specify the file name and destination, and click "Save".

## 3-2. Detailed Monitor Information

The monitor information area displays detailed information regarding the monitor selected in the monitor list (see “3-1. Monitor List” (page 17)). Click on each tab to change the display between basic monitor information, color mode settings, and remote command execution statuses.

The “Color Mode” tab displays the states of adjustment targets and emulation data.



Monitor information area

If the brightness set using ColorNavigator Network exceeds the range of brightness that can be set on the monitor, ⚠ is displayed. Placing the mouse cursor over ⚠ displays a message.

The meaning of each mark is shown below.

Mark	Monitor adjustment state	Mark	Monitor setting
Blue	The monitor usage time since adjustment was completed or the number of days passed since it was adjusted is less than the set value, or no value has been set.		The currently displayed color mode.
			The color mode set as the SelfCalibration/ SelfCorrection target.
Red	The monitor usage time after completing adjustment is equal to or over the set value.		The currently displayed color mode.
			The color mode set as the SelfCalibration/ SelfCorrection target.
Gray	Not adjusted.		The currently displayed color mode.
Blank	Mode is disabled.		

## 3-3. Remote Control

Multiple monitors can be controlled centrally.

### Attention

- When remotely controlling a CS/CX series monitor, the following limitations apply.
  - Advanced mode will not be adjusted. Perform calibration using ColorNavigator 7 or ColorNavigator NX.

### ● Monitor settings

Send the monitor settings to the monitor(s). The monitor settings consist of the following settings.

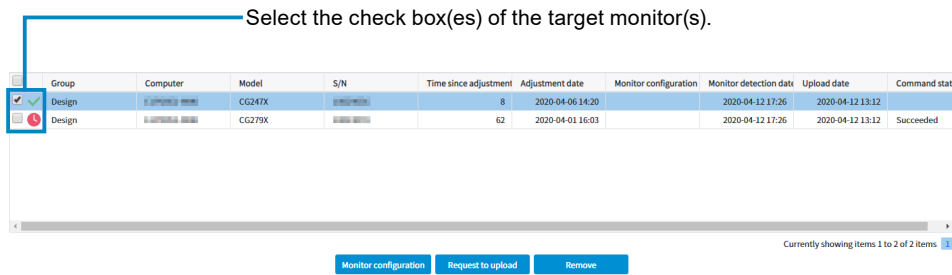
Color mode settings	<ul style="list-style-type: none"> <li>• The following settings are made for all color modes.           <ul style="list-style-type: none"> <li>- Color mode type (Advanced or Standard / Sync Signal) <sup>*1</sup></li> <li>- Calibration targets for SelfCalibration (Advanced mode)</li> <li>- Adjustment settings (Standard / Sync Signal<sup>*3</sup> Mode) Brightness, white point (color temperature), gamma, and color gamut<sup>*1</sup></li> </ul> </li> </ul>
SelfCalibration / SelfCorrection settings <sup>*2</sup>	<ul style="list-style-type: none"> <li>• The following settings are made.           <ul style="list-style-type: none"> <li>- SelfCalibration / SelfCorrection enabled or disabled</li> <li>- SelfCalibration / SelfCorrection schedule</li> <li>- Standard Mode calibration enabled or disabled</li> </ul> </li> </ul>
Key lock setting	<ul style="list-style-type: none"> <li>• The key lock is enabled or disabled for the monitor.</li> </ul>

\*1 Not available with CG245W, CG246, CG275W, CG276, CX240 and CX270

\*2 Not available with CS2400R, CS2400S, CS2420, CS2730, CS2410, CS2731, CS2740 and CS2740-X

\*3 With Sync Signal Mode, only white point and gamut clipping can be set.

1. Select the target monitor(s) from the monitor list.



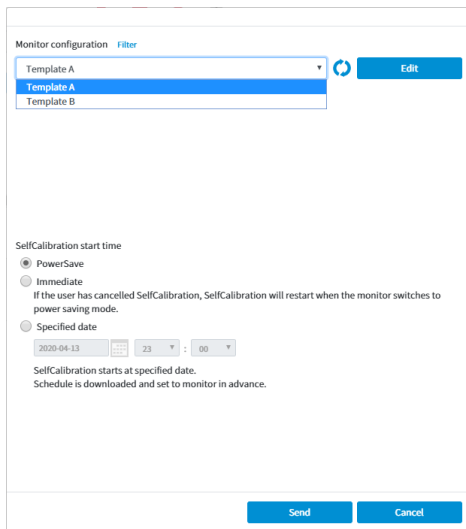
The “Monitor configuration” button is enabled.

2. Click “Monitor configuration”.

The monitor configuration selection screen appears.

3. Select Monitor configuration from the pull-down list.

Nothing will be displayed in the pull-down list the first time. Refer to “Editing the Monitor Configuration” (page 25) and create the configuration data.



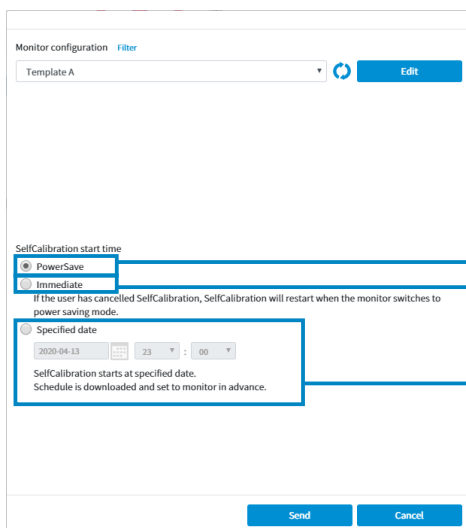
**Note**

- You can change the Monitor configuration conditions displayed in the pull-down list.
  1. Click “Filter”.
  2. Change the conditions. In the factory settings, the log-in user and the group the log-in user belongs to are selected. You can also select a subgroup or user.

4. When using a model that supports SelfCalibration, select when SelfCalibration is executed for the first time.

**Note**

- When using a model that supports SelfCorrection, calibrate Advanced mode using ColorNavigator 7 or ColorNavigator NX.
- SelfCalibration must be executed to validate the monitor settings.



- SelfCalibration starts when the monitor shifts to the power saving mode.
- SelfCalibration starts immediately after each client computer has received the monitor settings.
- SelfCalibration starts at the specified date and time. A date up to three months ahead can be specified.

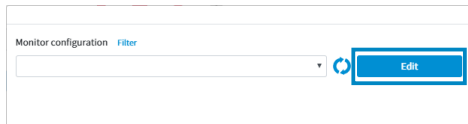
5. Click “Send”.

The monitor settings are sent to client computers. The status of monitor configuration can be viewed in the monitor information area (page 6).



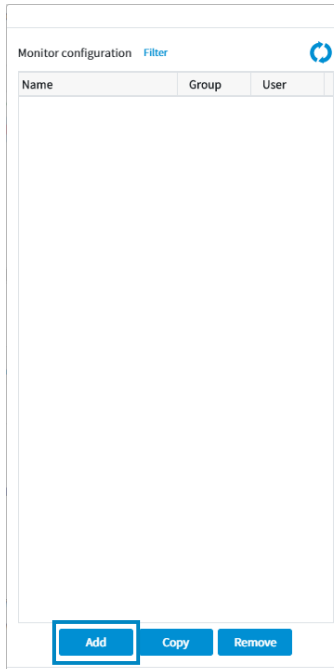
## ● Editing the Monitor Configuration

1. Click “Edit” on the “Monitor configuration” selection screen.



The monitor configuration creation screen appears.

2. Click “Add”.



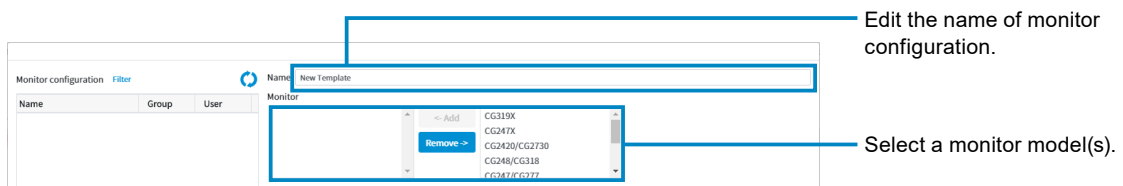
The details of monitor configuration can be edited.

---

### Note

- Selecting the monitor configuration you wish to edit from the list of monitor configurations allows you to edit existing configurations.
- 

3. Edit the name of monitor configuration.
4. Select the target monitor model(s) by adding to or removing them from the list.



5. Click the “Color mode” tab and set color modes.

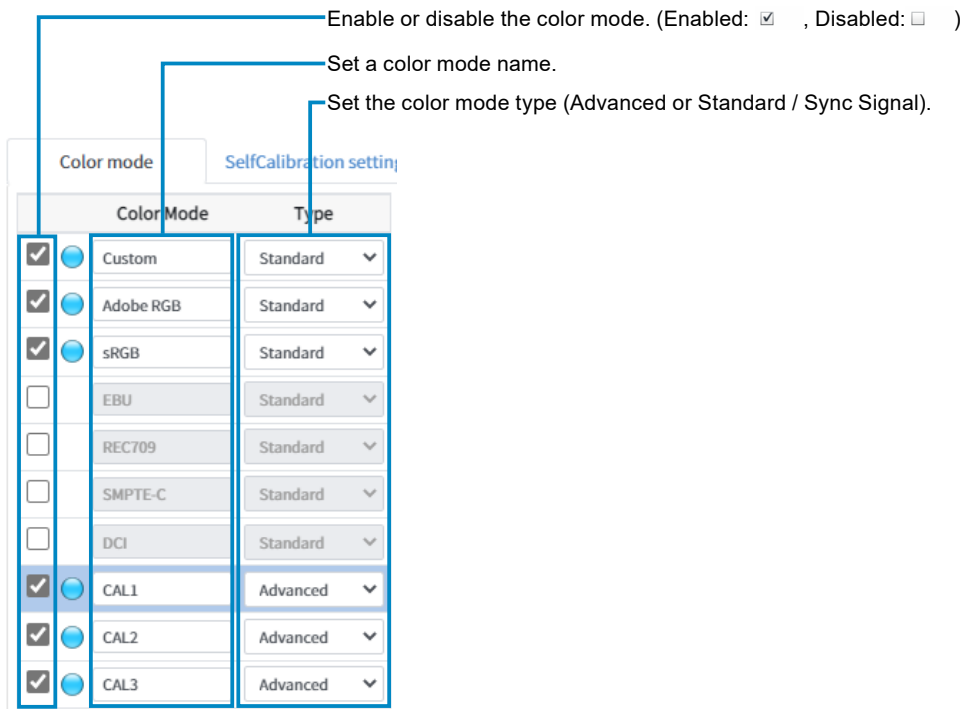
**Attention**

- Available settings vary depending on the monitor model.

Enable or disable the color mode. (Enabled:  , Disabled:  )

Set a color mode name.

Set the color mode type (Advanced or Standard / Sync Signal).



The screenshot shows a settings window with two tabs: "Color mode" and "SelfCalibration settings". The "Color mode" tab is active, displaying a table with columns "Color Mode" and "Type". The table lists various color modes, each with an enable/disable checkbox and a dropdown menu for the type. Callout lines point to the checkboxes, the "Color Mode" column, and the "Type" column.

	Color Mode	Type
<input checked="" type="checkbox"/>	Custom	Standard
<input checked="" type="checkbox"/>	Adobe RGB	Standard
<input checked="" type="checkbox"/>	sRGB	Standard
<input type="checkbox"/>	EBU	Standard
<input type="checkbox"/>	REC709	Standard
<input type="checkbox"/>	SMPTE-C	Standard
<input type="checkbox"/>	DCI	Standard
<input checked="" type="checkbox"/>	CAL1	Advanced
<input checked="" type="checkbox"/>	CAL2	Advanced
<input checked="" type="checkbox"/>	CAL3	Advanced

## Advanced mode

Set the adjustment targets for SelfCalibration.

Brightness  80  Minimum  Maximum Set the target brightness.

White point  6500 K  Manual Set the target white point by the color temperature or color coordinates. Clicking “Standards” allows you to set a white point value defined in the standards.

Gamma(EOTF)  2.2  Standards  L\* Set the target gamma. Clicking “Standards” allows you to set a gamma value defined in the standards.

Gamut  Native  Manual Set the target color gamut. Clicking “Standards” allows you to set a color gamut value defined in the standards.

Gamut clipping Set the color gamut clipping. When Standards have been selected for Gamut, settings are automatically applied in accordance with the selected Standards.

### Attention

- For CS/CX series monitors, adjustment targets will be sent to the monitor, but adjustment will not be performed automatically. Perform adjustment manually using ColorNavigator 7 or ColorNavigator NX.

### Note

- Depending on the model, you can set “Maximum” or “Minimum” for the target brightness.
- Depending on the model, “D65 (CRT)” can be specified for white points.
- With the HDR supporting models, gamma setting items designed specifically for HDR will be displayed. For details, refer to the ColorNavigator 7 or ColorNavigator NX User’s Manual.

Gamma(EOTF)  2.20  Standards  L\*  PQ  HLG  LUT

PQ/HLG option

HLG system gamma

- Depending on the model, you can set imported LUT files as target gammas. You can also export imported LUT files. The following describes LUT files that are loadable:
  - Data format is CSV
  - Values are 256 or 1024
  - Values are integer or fractional values equal to or above 0 and increases upward

L\*  PQ  HLG  LUT

- Depending on the model, you can specify gamma priorities. For details, refer to the ColorNavigator 7 or ColorNavigator NX User’s Manual.
- Depending on the model, you can adjust the black level. It can be set to “Minimum” or in unit of  $\text{cd}/\text{m}^2$ .

Black level  Minimum  0.2  $\text{cd}/\text{m}^2$

- Depending on the model, the “Optimize to Limited (109% White)” option can be set. For details, refer to the ColorNavigator 7 User’s Manual.

option  Optimize to Limited (109% White)

## Standard / Sync Signal Mode

Set the adjustment values for brightness, white point, gamma(EOTF), and gamut.

Brightness	<input type="text" value="120"/> <input type="text" value="cd/m&lt;sup&gt;2&lt;/sup&gt;"/>	Set the brightness.
White point	<input checked="" type="radio"/> sRGB <input type="radio"/> 6500 K	Set the white point. Depending on the monitor model, a value may be selected from the standards.
Gamma(EOTF)	<input checked="" type="radio"/> sRGB <input type="radio"/> 2.2	Set the gamma. Depending on the monitor model, a value may be selected from the standards.
Gamut	<input type="text" value="sRGB"/>	Set the color gamut. Select a value set in the standards.
	<input type="checkbox"/> Gamut clipping	Set the color gamut clipping.

---

### Note

- With Sync Signal Mode, only white point and gamut clipping can be set.
- With the HDR supporting models, gamma setting items designed specifically for HDR will be displayed. For details, refer to the ColorNavigator 7 or ColorNavigator NX User's Manual.

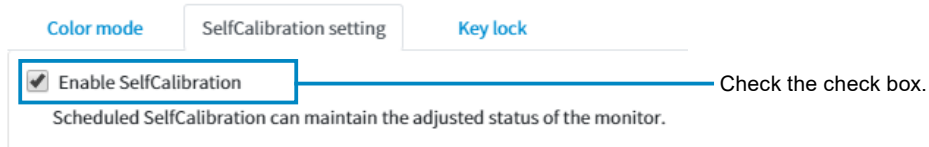
Gamma(EOTF)	<input checked="" type="radio"/> HLG <input type="radio"/> 2.2
PQ/HLG option	<input type="text" value="Off"/>
HLG system gamma	<input type="text" value="1.2"/>

---

- Click the “SelfCalibration settings” tab or “SelfCorrection settings” tab to configure SelfCalibration / SelfCorrection settings.

### SelfCalibration

- Enable the SelfCalibration function.



- Set the frequency for SelfCalibration.

**Attention**

- Available settings vary depending on the model of the monitor used.

Frequency

:

Frequency	Setting Details
Usage Time / Frequency	Set the monitor usage time until the next execution.
Daily	Set the time for executing.
Weekly	Set the day of the week and time for executing.
Monthly	Set the week, day of the week, and time for executing.
Quarterly	Set the month, week, day of the week, and time for executing.
Biannually	
Annually	
Month(s)	Set the interval, week, day of the week, and time for executing.
Week(s)	Set the interval, day of the week, and time for executing.

- Set the execution timing for SelfCalibration.

Do not execute SelfCalibration while the monitor is in use

SelfCalibration starts when the monitor switches to power saving mode.

Check the check box to execute SelfCalibration when the monitor enters power saving mode or when the monitor is turned off.

Uncheck the check box to execute SelfCalibration according to the set schedule regardless of the current usage state of the monitor.

- Set whether or not to execute Standard Mode calibration when SelfCalibration is executed.

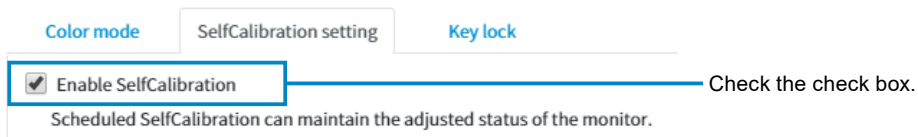
Standard Mode calibration

Adjust colors in sRGB, Adobe RGB and other color modes.

Check the check box to execute Standard Mode calibration when SelfCalibration is executed.

## SelfCorrection

1. Enable the SelfCalibration function.



2. Set the interval between the completed SelfCorrection and the next execution.



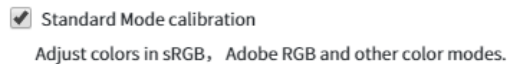
Only the “Usage time” can be used to set the frequency for SelfCorrection.

In addition, the execution timing of SelfCorrection is when the monitor enters power saving mode or when the monitor is turned off.

3. Set whether or not to execute Standard Mode calibration when SelfCorrection is executed.

### Attention

- This setting is not displayed for monitors that do not support “Standard Mode calibration”.

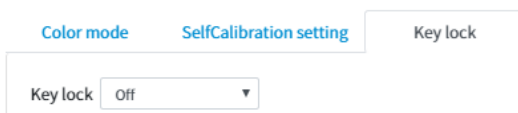


Check the check box to execute Standard Mode calibration when SelfCorrection is executed.


### Attention

- Use SelfCalibration / SelfCorrection in order to sustain ColorNavigator 7 or ColorNavigator NX adjustments.
- The color profile of the system is not updated when SelfCalibration / SelfCorrection is executed. When the color profile needs to be updated, use ColorNavigator 7 or ColorNavigator NX to make the adjustments.

7. Click “Key lock” tab and configure the key lock setting.



The control buttons of the monitor can be locked/unlocked.

Options	Buttons that can be locked
Menu	ENTER button
All	All buttons excluding 
Off	None (All buttons are enabled)

8. After completing all settings for all monitor models selected in step 4 click “Save”.  
The monitor configuration is saved.
9. Click “Close”.

## ● Request to upload

Uploading data can be requested to client computers in order to update the selected monitor information.

1. Select the target monitor(s) from the monitor list.

Select the check box(es) of the target monitor(s).

	Group	Computer	Model	S/N	Time since adjustment	Adjustment date	Monitor configuration	Monitor detection date	Upload date	Command status
<input checked="" type="checkbox"/>	Design		CG247X		8	2020-04-06 14:20		2020-04-12 17:26	2020-04-12 13:12	
<input type="checkbox"/>	Design		CG279X		62	2020-04-01 16:03		2020-04-12 17:26	2020-04-12 13:12	Succeeded

Currently showing items 1 to 2 of 2 items

[Monitor configuration](#) [Request to upload](#) [Remove](#)

The “Request to upload” button is enabled.

2. Click “Request to upload”.

The confirmation message appears. Clicking “Send” transmits a request to upload data to client computers. The status of data upload can be viewed in the monitor information area ([page 6](#)).

## ● Asset information settings

Unique asset information can be set to each monitor. Since the information is saved to the monitor, the same asset information is displayed even when displayed using a ColorNavigator 7 or ColorNavigator NX installed on a different computer.

### Attention

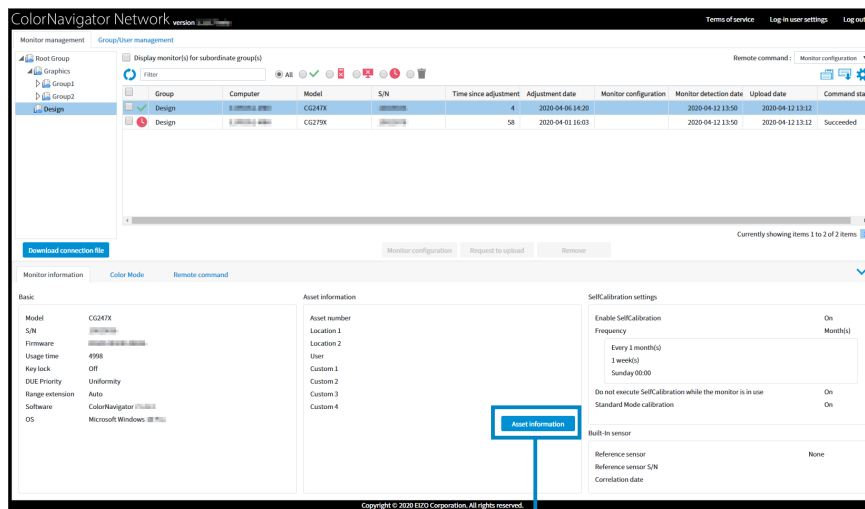
- Asset information for multiple monitors cannot be set at the same time. Set the information one by one.

1. Select the target monitor(s) from the monitor list.

### Note

- There is no need to select any check box.

2. Click “Asset information” in the monitor information area.



Click “Asset information”.

The asset information setting screen appears.

3. Set asset information.  
Enter necessary information.

Asset number	<input type="text" value="CG246-12345678"/>
Location 1	<input type="text" value="R &amp; R"/>
Location 2	<input type="text" value="Design Department"/>
User	<input type="text" value="User1"/>
Custom 1	<input type="text" value="0"/>
Custom 2	<input type="text" value="1"/>
Custom 3	<input type="text" value="2"/>
Custom 4	<input type="text" value="3"/>

4. Click “Send”.

The asset information is sent to the client computer. The status can be viewed in the monitor information area (page 6).



# Chapter 4 Troubleshooting

If a problem still remains after applying the suggested remedies, contact your EIZO representative.

<b>Problem</b>	<b>Possible cause and remedy</b>
<b>1. The main screen is not displayed.</b>	<ul style="list-style-type: none"><li>• Check that you are using a supported browser.</li></ul>
<b>2. The monitor is not displayed in the list.</b>	<ul style="list-style-type: none"><li>• Check the settings of ColorNavigator 7, ColorNavigator NX or ColorNavigator NetAgent software on the client computer.</li><li>• Check that the computer and monitor are correctly connected using a USB cable.</li><li>• Check whether the monitor's power is off or the monitor is in PowerSave mode.</li><li>• Check that the proxy is correctly set.</li><li>• Update ColorNavigator NetAgent to the latest version.</li></ul>
<b>3. A monitor is displayed in a wrong group.</b>	<ul style="list-style-type: none"><li>• A wrong connection file may have been imported. Import a correct connection file.</li></ul>
<b>4. A user has forgotten the password.</b>	<ul style="list-style-type: none"><li>• Log in with "System administrator" privileges and set a password again.</li></ul>
<b>5. A user cannot log in.</b>	<ul style="list-style-type: none"><li>• Check if the user account is invalid.</li></ul>
<b>6. "Time since adjustment" and "Adjustment date" are blank.</b>	<ul style="list-style-type: none"><li>• The monitor configuration may not have ever been sent. Please send the monitor configuration (Refer to "<a href="#">Monitor settings</a>" (page 23)).</li><li>• All valid color mode types may be set to "Standard". Set at least one color mode type to "Advanced" and send the monitor configuration (Refer to "<a href="#">Monitor settings</a>" (page 23)).</li></ul>
<b>7. In a CS/CX Series monitor, the color mode with the type set to "Calibration" has not been adjusted.</b>	<ul style="list-style-type: none"><li>• Use ColorNavigator 7 or ColorNavigator NX to calibrate.</li></ul>

# Appendix

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