



ePaper Settings Tool V2

Version 1.2

OPERATION MANUAL

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Introduction

This software for Windows is used to change the display image or settings of applicable models.

Important Information

- This software has been shipped after strict quality control and product inspection. If, however, you find any failure, contact your product dealer.
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- The screens and procedures are examples. The contents or details may vary depending on the screen configuration and OS version, etc. The screen is for explanatory purposes.
- This manual does not contain basic operating instructions for Windows.

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System Requirements

Hardware	Must have a USB 2.0 compliant port.
Operating system	Windows 10 (64 bit), Windows 11

Installing

Download the setup program using Information Display Downloader.
For detailed information of Information Display Downloader, refer to its operation manual.

NOTE

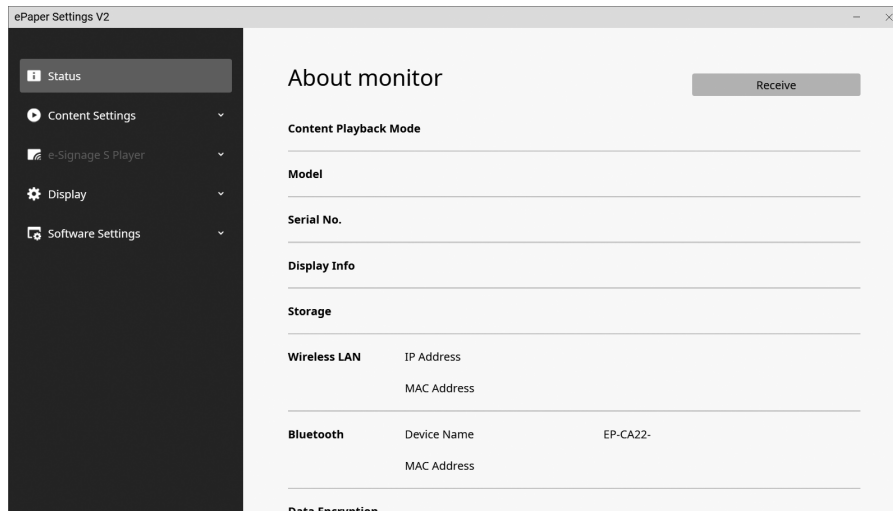
- The operations in this section require administrator privilege.
1. **Exit all running software applications.**
 2. **Double-click the downloaded setup program.**
 3. **Follow the instructions on screen.**
 - When “User Account Control” screen is displayed, click “Yes” (or “Permit”).
 - When “Security Warning” screen (The publisher could not be verified) is displayed, click “Permit”.

This completes the software installation.

Operating Procedure

Starting this software

1. Click the “Start” button, and click “SHARP ePaper Settings Tool V2”.



Change the settings of this software

1. Start this software. (See above.)
2. Click “Software settings”.
3. Change the settings. (See page 10.)
4. Click “✕” when you have finished setup, and exit this software.

Changing display image or settings of the monitor

■ Change by connecting a computer

Connect the monitor to the computer running this software, and change the display image/settings.

- 1. Connect the power source to the monitor.**
- 2. Connect the computer to the USB port (for data) on the monitor with a commercially available USB cable (Type-C, USB standard certified product).**

When the monitor is in power save state, press the monitor power button and return to normal state from power save state. (See page 8.)
- 3. Start this software. (See page 4.)**
- 4. Click “Content Settings”, “Display”, or “e-Signage S Player Settings”.**
- 5. Load settings.**

(1) Click “Receive” on each settings screen.
(2) Select “ePaper” and click “OK”.
The monitor settings will be loaded.
- 6. Change the settings. (See page 6.)**
- 7. Export the settings once they are complete.**

(1) Click “Send” on each settings screen.
(2) Select “ePaper” and click “OK”.
The settings will be applied in the monitor.
- 8. Click “✕” and exit this software.**
- 9. Remove the USB cable from the monitor.**

■ Change by using a USB flash drive

Save the display image/settings to a commercially available USB flash drive. Connect the USB flash drive to the monitor, and apply the display image/settings.

Check the manual for the monitor and use a USB flash drive that is supported.

- 1. Connect the USB flash drive to the computer.**
- 2. Start this software. (See page 4.)**
- 3. Click “Content Settings”, “Display”, or “e-Signage S Player Settings”.**
- 4. Load settings.**

This operation is not required the first time.
(1) Click “Receive” on each settings screen.
(2) Select “USB flash” and click “OK”.
The monitor settings saved on the USB flash drive will be loaded.
- 5. Change the settings. (See page 6.)**
- 6. Export the settings once they are complete.**

(1) Click “Send” on each settings screen.
(2) Select “USB flash” and click “OK”.
The settings will be saved in the USB flash drive.
- 7. Click “✕” and exit this software.**
- 8. Remove the USB flash drive from the computer.**
- 9. Connect the power source to the monitor.**
- 10. Connect the USB flash drive to the USB port (for data) on the monitor.**

When the monitor is in power save state, press the power button on the monitor to recover from the power save state. (See page 8)
The settings saved on the USB flash drive will be applied in the monitor.
The indicator will flash red while the USB flash drive is being accessed. Do not remove the USB flash drive.
The indicator will stop flashing red after the settings have been applied.
- 11. Remove the USB flash drive once the settings have been applied.**

TIP

- Settings can be saved in any location.
Select “Folder” on the export screen and specify the save location.
Select “Folder” and select file on the loading screen when loading a saved settings file.
- The status can be displayed with “Status”, “Receive”.
- Connect only one monitor to the computer.
Multiple monitors cannot be connected.

Menu item details

TIP

About Display Change Method and Main Settings

- Display Change Method
 - Slideshow..... Change specified images at a predetermined interval.
 - Schedule..... Change to specified images at designated times.
 - e-Signage S ... Images will be distributed to the monitor with LS-Signage or e-Signage S (optional).
- Slideshow Settings
 - (1) Set "Content Playback Mode" in "System Settings" of "Display" to "Slideshow".
 - (2) Set the images to display in "Content Registration" of "Content Settings".
You can adjust the images in "Color Adjustment" of "Content Settings".
 - (3) Set slideshow settings in "Slideshow Settings" of "Content Settings".
- Schedule Settings
 - (1) Set "Content Playback Mode" in "System Settings" of "Display" to "Schedule".
 - (2) Set the clock of the monitor in "Date and Time" in "System Settings" of "Display".
 - (3) Set the images to display in "Content Registration" of "Content Settings".
You can adjust the images in "Color Adjustment" of "Content Settings".
 - (4) Set schedule settings in "Schedule Settings" of "Content Settings".
- e-Signage S Settings
 - (1) Set "Content Playback Mode" in "System Settings" of "Display" to "e-Signage S Player".
 - (2) Set the clock of the monitor in "Date and Time" in "System Settings" of "Display".
 - (3) Set "Network Settings" in "Display" and connect the monitor to the network.
 - (4) Set LS-Signage or e-Signage S Player settings in "e-Signage S Player".

■ Status

Show the monitor (settings file) status.

■ Content Settings

Content Registration

Image list

Specify the images to show on the monitor.

Select the image to set.

Add..... Add a display image to the image list.

You can display PDF.

If you select a PDF, it is added to the image list for the corresponding page.

▲ / ▼ Change the image order.

Delete..... Delete image from image list.

Preview

The image selected in the image list will be displayed.

Select the installation direction of the monitor from the pull-down menu.

Image Rotation

Specify the image rotation direction. This setting is common for all images.

Layout

Specify whether or not to maintain the aspect ratio of the image. This setting is common for all images.

Maintain aspect ratio Display the image enlarged/reduced to fit the screen without changing its aspect ratio.

Do not maintain aspect ratio Display the image enlarged/reduced to fit the screen. The aspect ratio of the image changes.

Background Color

Specify the background color for when there are margins around the image. This setting is common for all images.

Transition Effects

Specify the transition effect for when the image is changed. This setting is common for all images.

Depending on the image, thin lines may appear. Set this option to "Off" to prevent thin lines from appearing.

This is due to the nature of the panel and is not a malfunction.

Color Adjustment

Image list

A list of the images added in “Content Registration” is displayed.
Select the image to adjust.

Preview

A preview of the image selected in the image list is displayed. The preview reflects the color adjustments.

Image Quality

Select the quality of the image selected in the image list. “Auto” can be selected only for a PDF file.

Brightness

Select the brightness of the image. This setting is common for all images.

Magenta Adjustment / Cyan Adjustment / Tone Up

Adjust the color of the image. This setting is common for all images.

Slideshow settings

Set the change method for image display.
Set “Content Playback Mode” to “Slideshow”.

Image list

A list of the images added in “Content Registration” is displayed.
Select the checkboxes of the images to display in the slideshow.
▲ / ▼ Change the order of the images.

Preview

A preview of the image selected in the image list is displayed. The preview reflects the color adjustments.

Auto Play

Use Automatic Mode when this option is set to on. The following image will be displayed automatically at the interval set in “Interval”.
Use Manual Mode when this option is set to off. The following image will be displayed when you press the MODE button on the monitor.

Interval

Specify the image change interval.
Changing the image display takes approximately 15 to 45 seconds (varies depending on the ambient temperature). The change interval includes also the time to change the display.
The duration that an image is displayed will be shorter than the setting by that amount.

Schedule Settings (See page 11)

You can display images at designated times.
Set “Content Playback Mode” to “Schedule”.

Receive / Send data of Content Settings

Receive

Load the settings to this software.
USB flash The settings saved on the USB flash drive will be loaded.
ePaper..... Load the settings from the monitor connected with the USB cable.
Folder Load the settings file saved in any location.

Send

Export the settings of this software.
USB flash Save the settings to a USB flash drive.
The settings will be applied to the monitor when the USB flash drive is connected to the monitor.
ePaper..... Apply the settings to the monitor connected with the USB cable.
Folder Save the settings in any location.

Reset

Return the setting for “Content Settings” to the initial value.

TIP

- About PDF
 - Not all PDF are guaranteed to be displayed.
 - PDF with multiple pages will be split into individual pages and converted.
 - PDF with password cannot be converted.

■ e-Signage S Player

Set LS-Signage or e-Signage S Player settings when the “Content Playback Mode” is set to “e-Signage S Player”.

Images can be distributed to the monitor with LS-Signage or e-Signage S (optional).

Check the LS-Signage manual regarding LS-Signage.

Check the e-Signage S manual regarding e-Signage S.

Check the e-Signage S manual regarding “Network Setting”, and “Player Device control settings”.

Receive / Send data of e-Signage S Player Settings

Receive

Load the settings to this software.

USB flash The settings saved on the USB flash drive will be loaded.

ePaper..... Load the settings from the monitor connected with the USB cable.

Folder..... Load the settings file saved in any location.

Send

Export the settings of this software.

USB flash Save the settings to a USB flash drive.

The settings will be applied to the monitor when the USB flash drive is connected to the monitor.

ePaper..... Apply the settings to the monitor connected with the USB cable.

Folder..... Save the settings in any location.

Reset

Return the setting for “e-Signage S Player” to the initial value.

■ Display

System Settings

Content Playback Mode

Select the playback mode of the monitor.

Slideshow..... Display the images specified in “Content Registration” in order.

Set the display change method in “Slideshow Settings”.

Schedule Display the images specified in “Content Registration” at designated times.

Set schedule in “Schedule Settings”.

e-Signage S Player Images can be distributed to the monitor with LS-Signage or e-Signage S (optional).

Set LS-Signage or e-Signage S Player settings in “e-Signage S Player”.

Power Save Mode

Setting is not possible when in e-Signage S Player mode.

When in auto mode in slideshow mode, the monitor transitions to and recovers from power-saving mode automatically according to the screen switching interval setting.

When in schedule mode, the monitor transitions to and recovers from power-saving mode automatically according to the schedule settings.

Residual Image Reduction Mode

Residual images are reduced by displaying the black and white screen while changing the display image.

When using this function, set “Interval” to 10 minutes or more.

(Even if “Interval” is set to less than 10 minutes, it will operate at 10 minute intervals.)

Display Languages

Set the display language for the monitor.

Date and Time

When the monitor is connected to the network, we recommend using the “Use network time” function. When do not use this function there will be a time lag, because after setting the date and time in this software and then they are applied to the monitor.

Use network time Set whether or not to set the date and time automatically from the network.

NTP Server When “Use network time” is set to on set the URL of the NTP server.

Timezone Set the timezone.

Set the following date and time... When “Use network time” is set to off, check this option and set the date and time.

Use PC time Set the date and time of the computer running this software.

The date and time when click “Send” to export will be set.

Date..... When do not use “Use PC time” function, set the date.

Time When do not use “Use PC time” function, set the time.

Use Daylight Saving

Set whether or not to use daylight saving.

When using it, set the start date and time, end date and time, and time difference for daylight saving.

Network Settings

Bluetooth

- Use Bluetooth..... Set whether or not to use Bluetooth.
Device Name..... Set the device name for Bluetooth.

Wireless LAN

- Use Wireless LAN Set whether or not to use a wireless LAN.
AP Connect setting To use a wireless LAN, set "SSID", "Security" and "Password" according to the access point.
Use DHCP..... Set whether or not to use a DHCP server.
IP Address..... Set the monitor IP address when not using the DHCP server.
Gateway..... Set the gateway when not using the DHCP server.
Subnet mask Set the Subnet mask when not using the DHCP server.
Use DNS Set whether or not to use a DNS server when using the DHCP server.
Select from "Auto" and "Manual" for the method to obtain DNS server addresses.
DNS Primary When the method to obtain DNS server addresses is set to "Manual", specify the address of the DNS server to use preferentially.
DNS Secondary Specify the address of the DNS server to use when the preferred DNS server is unavailable.
Proxy..... Set whether or not to use a proxy server.
When using it, set the proxy server address, port number, user name, password, and exclusion addresses.

IEEE802.1X Settings

- Set whether to use authentication using IEEE802.1X.
When using it, set the authentication method, client, and server.

Automatic Firmware Updates

- Set whether or not to use automatic firmware update.
When using it, specify the time to perform updating.
A message related to the update will be displayed while an update is being performed.

Security Settings

Main button lock

- Lock the POWER button Operation of the power button is prohibited when this is set to on. (Except for recovery from power saving mode.)
Lock the MODE button..... Operation of the MODE button is prohibited when this is set to on.
Indicator during MODE button lock:
• It will flash blue (2 seconds on, 1 second off) in Manual Mode.
• It will flash green (2 seconds on, 1 second off) in Automatic Mode.
Lock the PAIRING button... Operation of the PAIRING button is prohibited when this is set to on.

Prohibit importing from USB flash device

- When this option is set to on, prohibit changes to the display image or settings using a USB flash drive.

Receive / Send data of Display Settings

Receive

- Load the settings to this software.
USB flash The settings saved on the USB flash drive will be loaded.
ePaper..... Load the settings from the monitor connected with the USB cable.
Folder Load the settings file saved in any location.

Send

- Export the settings of this software.
USB flash Save the settings to a USB flash drive.
The settings will be applied to the monitor when the USB flash drive is connected to the monitor.
ePaper..... Apply the settings to the monitor connected with the USB cable.
Folder Save the settings in any location.

Reset

- Return the setting for "Display" to the initial value.

TIP

- In power save state,
 - the monitor indicator is turned off.
 - the monitor MODE button and PAIRING button will not operate.
 - it will return to normal state from power save state when the monitor power button is pressed.
- It will not enter power save state when the monitor and computer are connected.
- The computer will not recognize the monitor when it is in power save state and connected to the computer. Furthermore, the monitor will not recognize a USB flash drive even if a USB flash drive is connected to the monitor.
The monitor or USB flash drive will be recognized if you press the monitor power button and return it to normal state from power save state.

■ Software settings

Application Settings

Show startup window

Set whether or not to display the startup window.

Use encryption key

This option is set to on to encrypt data that is exported to the monitor.

If this option is set to on, the encryption key entry screen will be displayed when write out.

Enter the encryption key that is set for the monitor. If the entered encryption key is different from the encryption key set on the monitor, the settings will not be applied.

Set the monitor encryption key in “New/Change Encryption Key” when using it for the first time.

Automatic loading of settings when connecting a USB cable

Set whether or not to read the setting values of the monitor automatically when the monitor and computer are connected with a USB cable.

Display All Reset

All Reset 1 Initialize all of the settings.

All Reset 2 Initialize the settings except for the network settings of “Display” and “e-Signage S Player Settings”.

Software Languages (言語 , Sprachen, Langues, Idiomas)

Set whether or not to display the startup window.

The name of this software differs depending on the language.

Version

Display this software version.

TIP

- Use an encryption key that is difficult for third parties to guess.
Also, manage it appropriately and take care to prevent leakage.

Uninstalling the Software

NOTE

- The operations in this section require administrator privilege.

1. Click the “Start” button, and select “Control Panel”.

2. Click “Uninstall a program”.

Click on “ Programs and Features” in the icon view.

3. Select “SHARP ePaper Settings Tool V2”, and click “uninstall”.

- Follow the instructions on screen.
- When “User Account Control” screen is displayed, click “Yes” (or “Permit”).

This completes the uninstallation process.

License information for this software

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