

Integrated Software Operation Manual (Setting Function)

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About the Setting Function

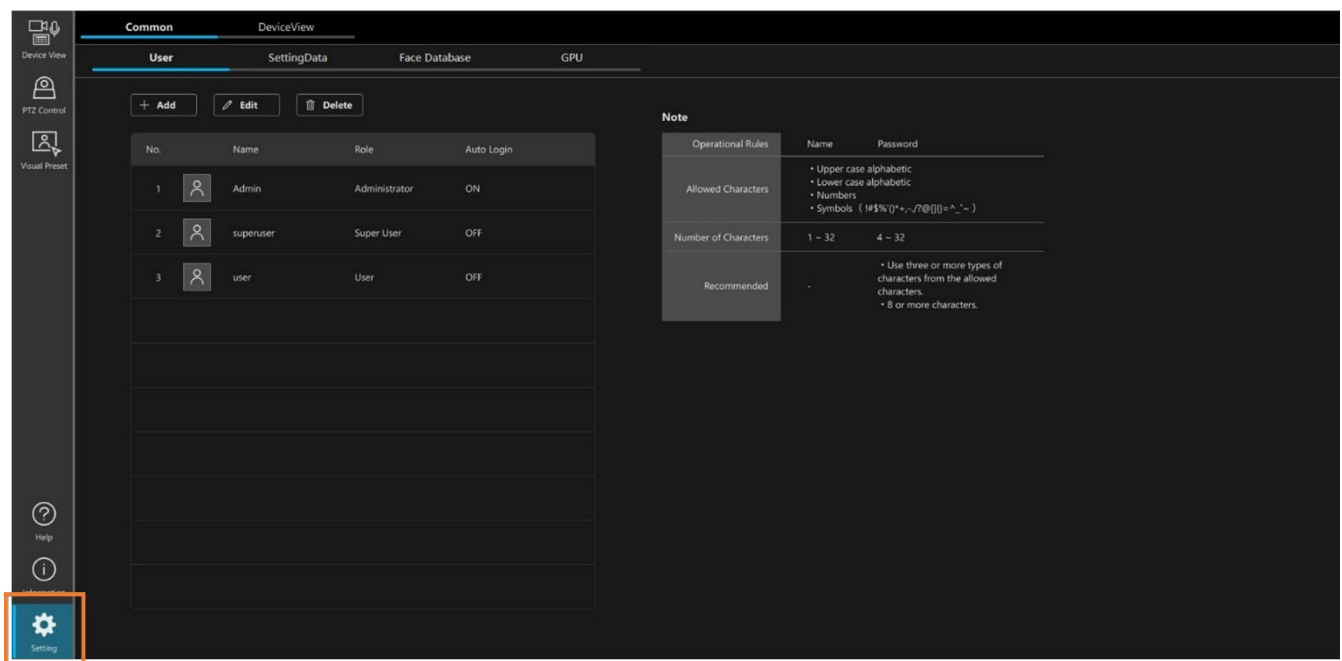
Function Overview

The Setting function enables you to configure all settings for the operation of this software.

- What you can do with the setting function
 - Manage accounts for this software
 - Register, edit, and delete accounts
 - Configure auto login for accounts
 - Face data management for face recognition
 - Add/edit/delete/rearrange face data
 - GPU management
 - Specifying the GPU to be used for the plugin
 - Management of setting data for this software
 - Export setting data
 - Import setting data
 - Device Manager function settings

Selecting the Setting Function

Click the [Setting] button in the function selection area on the left of the screen to display the Setting function screen.



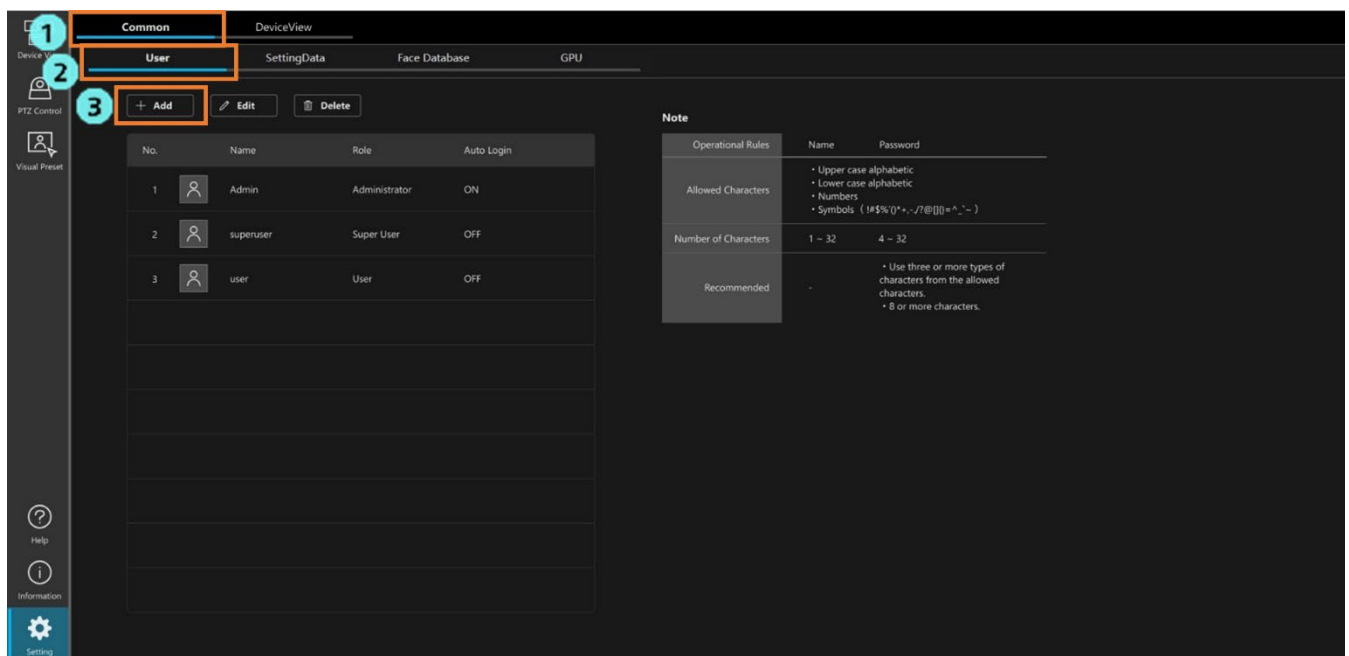
Management of Accounts for this Software

Registering Accounts

Accounts other than the administrator's account, which is registered when this software is launched for the first time, can be registered.

Accounts are registered with the following procedure.

1. Click the [Common] tab in the top left of the screen to display the common settings screen.
2. Click the [User] tab on the common settings screen to display the account management screen.



3. Click the [Add] button to display the Add User screen.

The 'Add User' screen displays the following input fields:

- Name: userA
- Password: [masked]
- Password Retype: [masked]
- Role: Administrator
- Auto Login: ☐

The 'Note' section on the right provides operational rules for password creation:

Operational Rules	Name	Password
Allowed Characters		• Upper case alphabetic • Lower case alphabetic • Numbers • Symbols (!#\$%&'()*+,-./:;<=>?@[]^_`{ }~)
Number of Characters	1 ~ 32	4 ~ 32
Recommended		• Use three or more types of characters from the allowed characters. • 8 or more characters.

Buttons: OK, Cancel

4. Enter the information required to register an account.

- Name

Enter a name for the account.

Characters available:

- Upper-case letters
- Lower-case letters
- Numbers
- Special characters (~!@#\$%^&*()_+¥} {}[<>./?'-')

Number of characters

- Minimum 1, maximum 32

- Password / Password Retype

Enter a password.

Characters available:

- Upper-case letters
- Lower-case letters
- Numbers
- Special characters (~!@#\$%^&*()_+¥} {}[<>./?'-')

Number of characters

- Minimum 4, maximum 32

For security reasons, it is recommended that passwords be set in accordance with the following rule.

Recommended rule

- Passwords should include at least three of the four available character types above and should be at least eight characters long

- Role

Select the role for the account to be created from the following three types.

An overview of the differences in roles is provided below.

For details on Device Manager function and PTZ Control function restrictions for each type of account, see [Function Restrictions by Role] in the relevant operation manual.

Administrator

Device access: Access to all devices enabled

Device Manager function: Fully available

PTZ Control function: Fully available

Information function: Fully available

Setting function: Fully available

Super User

Device access: Access to all devices enabled

Device Manager function: Partially available

PTZ Control function: Fully available

Information function: Not available

Group: A drop down list for selecting the group

Selectable Devices: The devices from the group that are not granted access

Accessible Devices: The devices from the group that are granted access

- 2) Select a group from the drop down list under [Group].
- 3) From [Selectable Devices], select a device to be accessible.
- 4) Click the [>Add] button to move the selected device to [Accessible Devices].
- 5) Click the [Back entry columns] button to return to the account registration screen.

6. Click the [OK] button on the account registration screen to register the account.

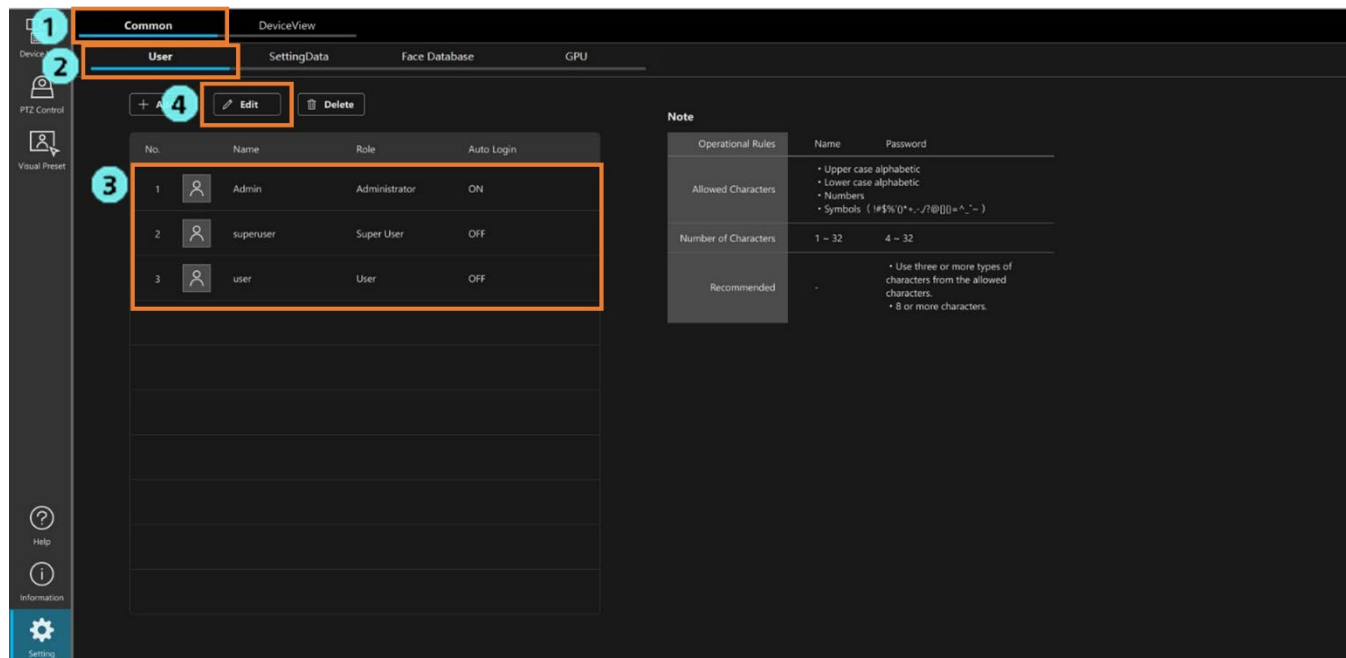
<NOTE>

- When you click the [OK] button, a warning message is displayed if the password does not comply with the recommended rules. If you wish to change the password, click the [Cancel] button and then make the desired changes. If you understand the security risk and wish to continue anyway, click the [OK] button to complete the process.

Editing Account Information

Registered account information can be edited with the following procedure.

1. Click the [Common] tab in the top left of the screen to display the common settings screen.
2. Click the [User] tab on the common settings screen to display the account management screen.



3. Select the account you wish to edit from the list of accounts.
4. Click the [Edit] button to display the account editing screen.

The content displayed is the same as the account registration screen.

You can edit the account information in the same way as when registering an account.

5. Click the [OK] button on the account editing screen to save the changes.

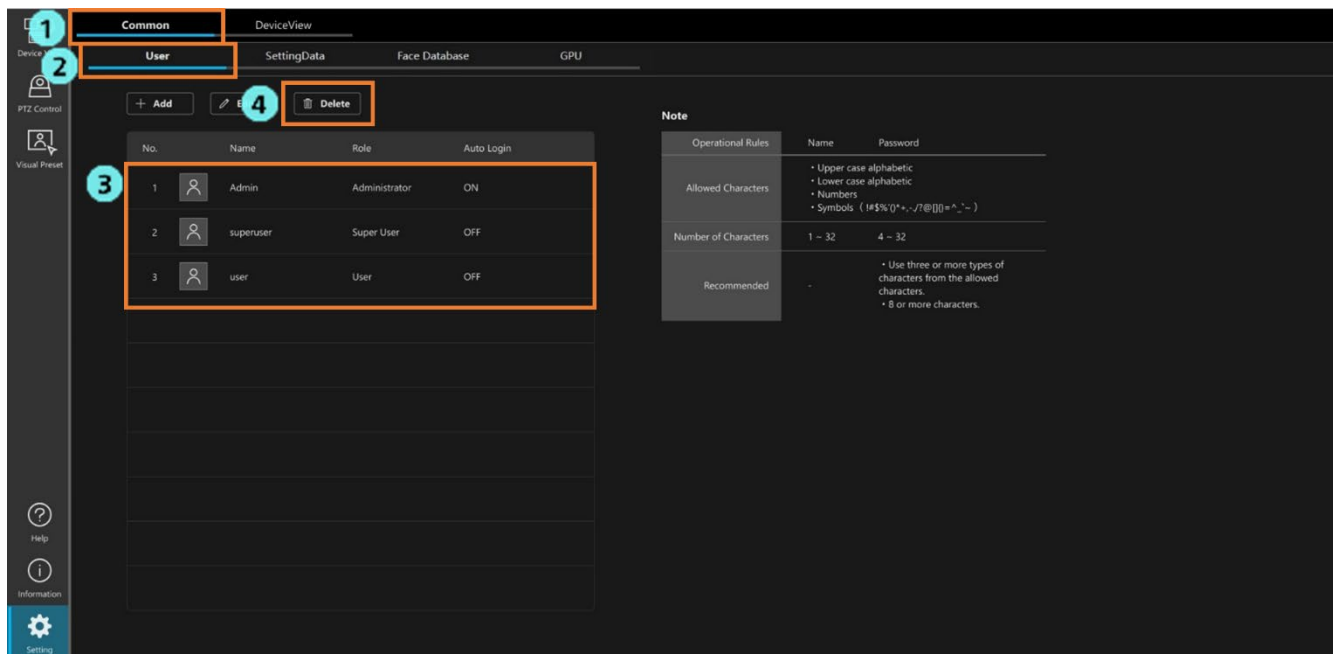
<NOTE>

- When you click the [OK] button, a warning message is displayed if the password does not comply with the recommended rules. If you wish to change the password, click the [Cancel] button and then make the desired changes. If you understand the security risk and wish to continue anyway, click the [OK] button to complete the process.

Deleting an Account

Accounts can be deleted with the following procedure.

1. Click the [Common] tab in the top left of the screen to display the common settings screen.
2. Click the [User] tab on the common settings screen to display the account management screen.



3. Select the account you wish to delete from the list of accounts.
4. Click the [Del] button.
5. A message confirming that you wish to continue with deletion is displayed. Click the [OK] button to delete the selected account.

<NOTE>

- If only one account is registered with the role of Administrator, this account cannot be deleted.

Configuring Account Auto Login

You can configure accounts that fulfill the criteria for auto login to skip the normal login procedure.

Auto login can be performed in the two following ways.

1: Auto login for an Administrator account

Criteria for auto login

- The only account registered for this software is a single Administrator account
- [Auto Login] is set to ON in the account settings

2: Auto login for User accounts

Criteria for auto login

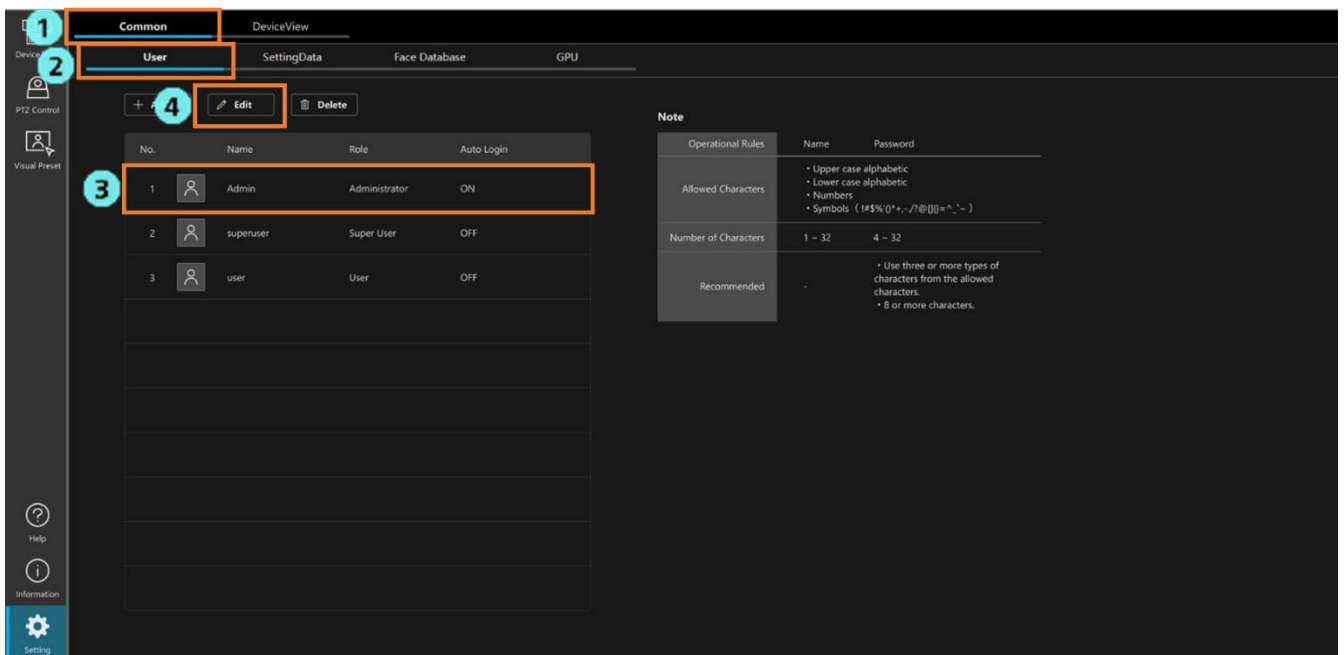
- The account is a User account
- [Auto Login] is set to ON in the account settings
- The ID for auto login for the relevant account is specified in the URL that is used to open the GUI of this software

<NOTE>

- Account authentication with a password is not performed when using auto login, which makes the account vulnerable to security risks. Make sure you have understood security risks involved when configuring auto login.

1: Procedure for configuring auto login for an Administrator account

1. Click the [Common] tab in the top left of the screen to display the common settings screen.
2. Click the [User] tab on the common settings screen to display the account management screen.



3. From the list of accounts, select the Administrator account for which you wish to configure auto login.
4. Click the [Edit] button to display the account editing screen.

Add User

Name:

Password:

Password Retype:

Role: Administrator

Auto Login ☐

Note

Operational Rules	Name	Password
Allowed Characters		• Upper case alphabetic • Lower case alphabetic • Numbers • Symbols (!#\$%&'()*+,-./:[]=^_`~)
Number of Characters	1 ~ 32	4 ~ 32
Recommended	-	• Use three or more types of characters from the allowed characters. • 8 or more characters.

OK Cancel

5. Check the [Auto Login] checkbox to turn auto login ON.
6. A security confirmation message is displayed. If you understand the security risk and wish to continue, click the [OK] button.
7. Click the [OK] button to close the settings screen.
8. From the next login, the login screen is skipped when the GUI is displayed by specifying the URL below in a web browser.

[http://\[IP address of server PC\]/MediaProductionSuite/Base/](http://[IP address of server PC]/MediaProductionSuite/Base/)

<NOTE>

- If you wish to disable auto login, uncheck the [Auto Login] checkbox in step 5 above to turn auto login OFF.

2: Procedure for configuring auto login for a User account

1. Click the [Common] tab in the top left of the screen to display the common settings screen.
2. Click the [User] tab on the common settings screen to display the account management screen.

1

2

PTZ Control

Visual Preset

Help

Information

Setting

Common
DeviceView

User
SettingData
Face Database
GPU

+
Edit
Delete

No.	Name	Role	Auto Login
1	Admin	Administrator	ON
2	superuser	Super User	OFF
3	user	User	OFF

Note

Operational Rules	Name	Password
Allowed Characters		• Upper case alphabetic • Lower case alphabetic • Numbers • Symbols (!#\$%&'()*+,-./:[]=^_`~)
Number of Characters	1 ~ 32	4 ~ 32
Recommended	-	• Use three or more types of characters from the allowed characters. • 8 or more characters.

- From the list of accounts, select the User account for which you wish to configure auto login.
- Click the [Edit] button to display the account editing screen.

Add User

Name

userA

Password

Password Retype

Role

User

Auto Login

☐

Auto Login ID

-

☐ Create shortcut

Note

Operational Rules	Name	Password
Allowed Characters		• Upper case alphabetic • Lower case alphabetic • Numbers • Symbols (!#\$%&'()*+,-./:;@[]^_`~)
Number of Characters	1 ~ 32	4 ~ 32
Recommended	-	• Use three or more types of characters from the allowed characters. • 8 or more characters.

Select accessible devices >

OK

Cancel

- Check the [Auto Login] checkbox to turn auto login ON.
When a check is placed in this checkbox to turn auto login ON, the [Auto Login ID] field displays an ID for auto login.
Use this ID to open the GUI in a web browser.
- A security confirmation message is displayed. If you understand the security risk and wish to continue, click the [OK] button.
- Click the [OK] button to close the settings screen.
- From the next login, the login screen is skipped when the GUI is displayed by specifying the URL below in a web browser.

http://[IP address of server PC]/MediaProductionSuite/Base&login/id=[ID displayed in Auto Login ID]

(For example, if the IP address of the server PC is 192.168.0.200 and the Auto Login ID is aeghhijr, the URL is:

http://192.168.0.200/MediaProductionSuite/Base&login/id=aeghhijr)

Click the [Create shortcut] button on the account editing screen to create a shortcut to access the above URL on the desktop.

<NOTE>

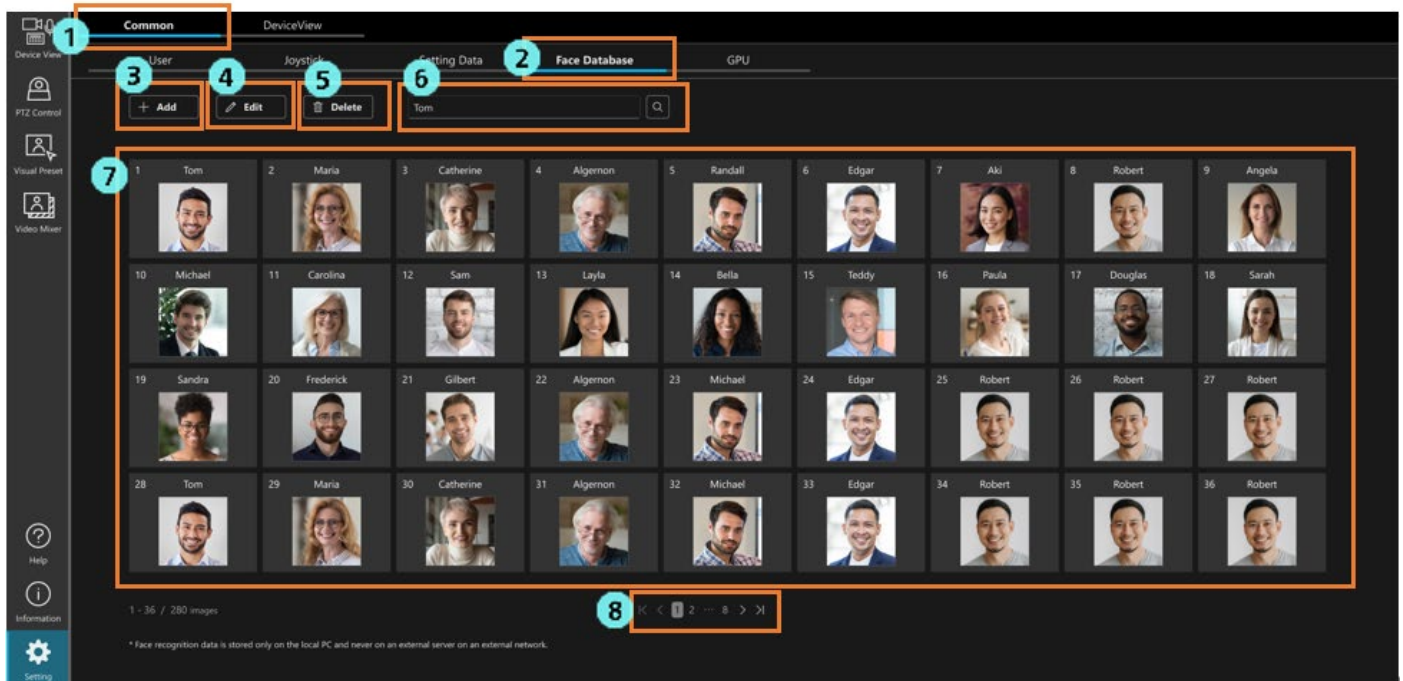
- If you wish to disable auto login, uncheck the [Auto Login] checkbox in step 5 above to turn auto login OFF.

Face data management for face recognition

Manage the face data

On this screen, you can manage all the face data you want to register.

1. Click the [Common] tab in the top left of the screen to display the common settings screen.
2. On the common settings screen, click the [Face Database] tab to display the [Face Database] screen.



The following is an explanation of the [Face Database] screen.

3. Add button
Left click to display the face data addition screen.
For details, please refer to [Add Face] in this manual.
4. Edit button
Left click to display the face data editing screen.
For details, please refer to [Edit Face] in this manual.
5. Delete button
7. You can delete the selected face data by left-clicking on the face data in the face data list display and then left-clicking the Delete button.
6. Face image search box
You can search for registered face data by entering a name.
Search results are displayed in a list display.

7. Face data list display area

This is a list of registered face data.

You can select/deselect the face data by clicking on it.

The selected face data will be displayed with a blue background.

8. Page switching buttons

You can switch the face data list display page.

Add face data

This screen allows you to add new face data. *1

Left-click the 3. Add button on the [Manage Face Data] screen to display the [Add Face] window shown below.

1. Image display area

Images loaded by using the Browse or Get button are displayed.

2. Folder Radio Button

Click to select an image from the device on which this software is installed.

3. Browse button *2

Clicking this will display an image selection dialog, allowing you to load a JPEG image. *3

4. Camera/radio button

Click to register a face from the camera image.

5. Camera selection box

Select the camera from which you want to capture video.

Cameras with the Auto Tracking function enabled will be displayed in a list.

6. Get button *3

Left-click to capture and load the video from the camera selected in the camera selection box.

7. Face detection display frame

When a face is detected in the loaded image, a frame will be displayed around the face.

Clicking on the frame will select that face as the target. The selected face will be displayed in a blue frame.

8. Face image display

The image of the selected face is displayed.

9. Name input field

Enter a registration name for the selected face.

10. Add button

Clicking the button will register the selected face image and name.

11. Registered face display area

The face image and name that have been registered will be displayed.

You can register the faces of multiple people at once.

12. OK button

Activate the settings and close the window.

13. Cancel button

Cancel the settings and close the window.

<NOTE>

*1: Face data registration is possible only when a plugin that uses face recognition [Auto Tracking, etc.] is enabled.

*2: You can load images from the Browse folder and load camera images from the Get camera any number of times. This allows you to register face data from multiple image files and camera images in sequence.

*3: Images other than JPEG images cannot be loaded.

Edit face data

On this screen, you can edit the face image or registered name of face data that has already been registered. *1

In the 7. face data list display area on the [Manage Face Data] screen, left-click the face data you want to edit, and then left-click the 4. Edit button on the [Manage Face Data] screen to display the [Edit Face] window shown below.

1. Folder Radio Button

Clicking this will display an image selection dialog, allowing you to load a JPEG image. *2

2. Browse button

Click to select an image from the device on which this software is installed.

3. Camera/radio button

Click to register a face from the camera image.

4. Camera selection box

Select the camera from which you want to capture video.

Cameras with the Auto Tracking function enabled will be displayed in a list.

5. Get button

Left-click to capture and load the video from the camera selected in the camera selection box.

6. Image display area

Images loaded by using the Browse or Get button are displayed.

7. Face detection display frame

When a face is detected in the loaded image, a frame will be displayed around the face.

Clicking on the frame will select that face as the target. The selected face will be displayed in a blue frame.

8. The face image before editing is displayed.

The currently registered face image is displayed.

9. The edited face image is displayed.

The new face image selected in 7 will be displayed.

10. Name input field *3

Enter the registration name for the edited face.

When the Edit Face screen is displayed, the registered name of the face before editing is entered.

11. OK button

Activate the settings and close the window.

12. Cancel button

Cancel the settings and close the window.

<NOTE>

- *1: Editing of face images is possible only when a plugin that uses face recognition [Auto Tracking, etc.] is enabled. You can change the registered face name even if the plugin that uses face recognition [Auto Tracking, etc.] is disabled.
- *2: Images other than JPEG images cannot be loaded.
- *3: You can also change only the registered name. If you want to change only the registered name, do not specify 7. the face detection display frame, but enter the desired registered name directly in 10. the name input field, and left-click 11. the OK button.

Delete face data

You can delete face data that has already been registered.

1. Display the [Face Database] screen in [Manage Face Data] of this manual.
2. On the [Face Database] screen, left-click to select the face data you want to delete from 7. the face data list display.
When selected, the background of the selected face data will turn blue.
3. Left-click the 5. Delete button on the [Face Database] screen. *1
4. A confirmation window for deleting face data will appear.
5. Left-click the OK button in the confirmation window for deleting face data to complete the deletion of the selected face data.

<NOTE>

- *1: The face data currently used for face recognition on any camera cannot be deleted.
If you want to delete it, please make sure that the face data is not set on any camera.

Rearrange face data

You can rearrange the order of face data that has already been registered.

The display order of face data affects the detection priority when tracking is performed with Auto Face Search ON (when detecting the tracking target from all people with registered face data).

The lower the ID, the higher the detection priority.

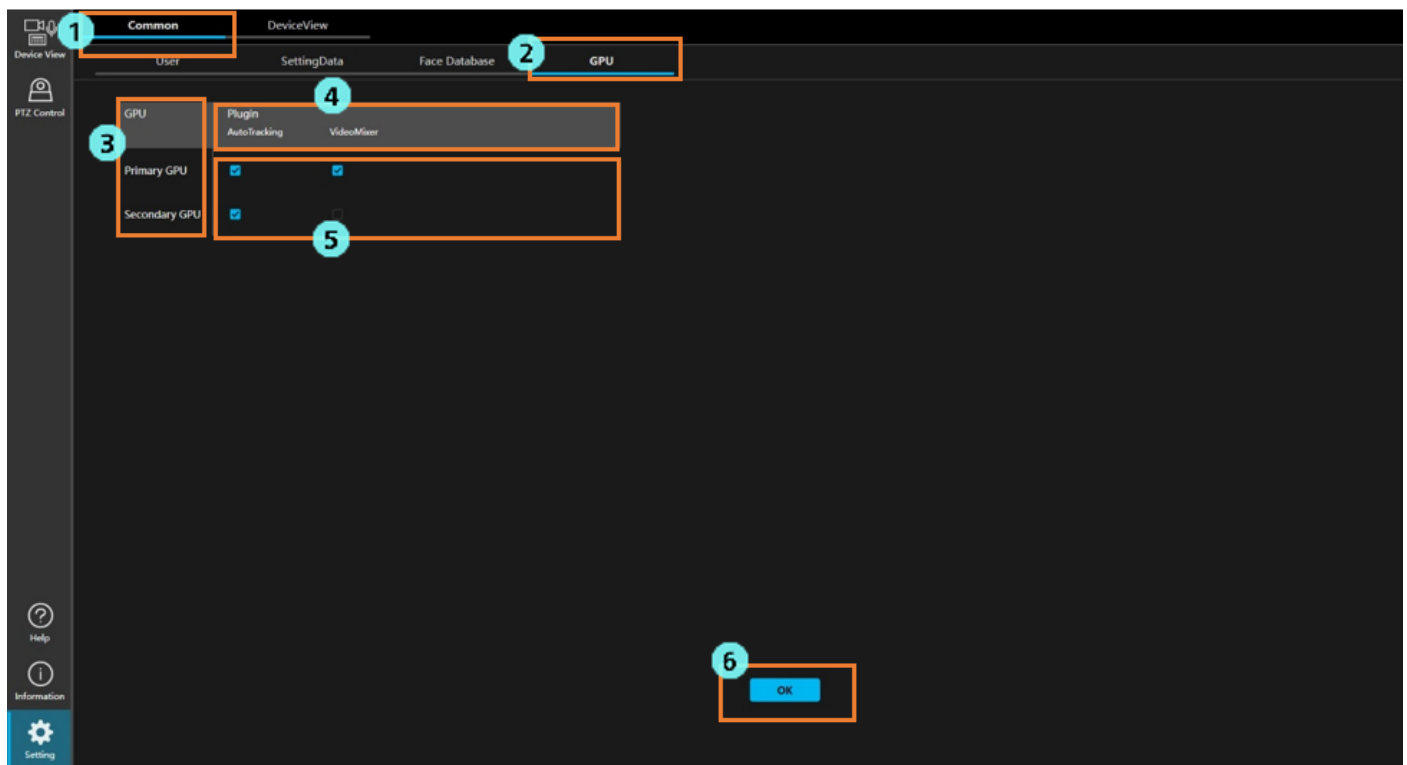
1. Display the [Face Database] screen in [Manage Face Data] of this manual.
2. In the 7. face data list display on the [Face Database] screen, left-click and drag the face photos of the face data you want to arrange.
3. If you drop the dragged face data onto the position of another face data, the face data will move to the dropped position.

GPU management

Specify the GPU to be used by the plugin

On this screen, you can specify the GPU to be used by the plugin.

1. Click the [Common] tab in the top left of the screen to display the common settings screen.
2. On the common settings screen, click the [GPU] tab to display the [GPU] screen.



The following is an explanation of the [GPU] screen.

3. GPU Display

The number of NVIDIA GPUs installed in the PC on which this software is installed will be displayed as follows: *1

1st unit: Primary GPU

2nd unit: Secondary GPU

3rd unit: Tertiary GPU

4th unit: Quaternary GPU

4. Plugin Display

The name of the plugin that uses the GPU is displayed.

Currently, Auto Tracking, Video Mixer and Advanced Auto Framing are displayed.

5. Specifying the GPU to be used for the plugin

By checking the box, you can specify the GPU to be used by the plugin. *2 *3

If you remove the check mark, the corresponding plugin will be terminated and you will no longer be able to use the plugin's functions.

6. OK button

5. The settings for the checkboxes for the GPUs used by the plugin will be saved.

<NOTE>

*1: The order of GPUs from best performance is Primary GPU, Secondary GPU, Tertiary GPU, and Quaternary GPU.

*2: For Auto Tracking and Advanced Auto Framing, you can check multiple GPUs.

*3: In the case of Video Mixer, the GPU currently used is fixed to the Primary GPU only.

Management of Setting Data for this Software

Exporting Setting Data

You can export setting data for this software to a location of your choosing.

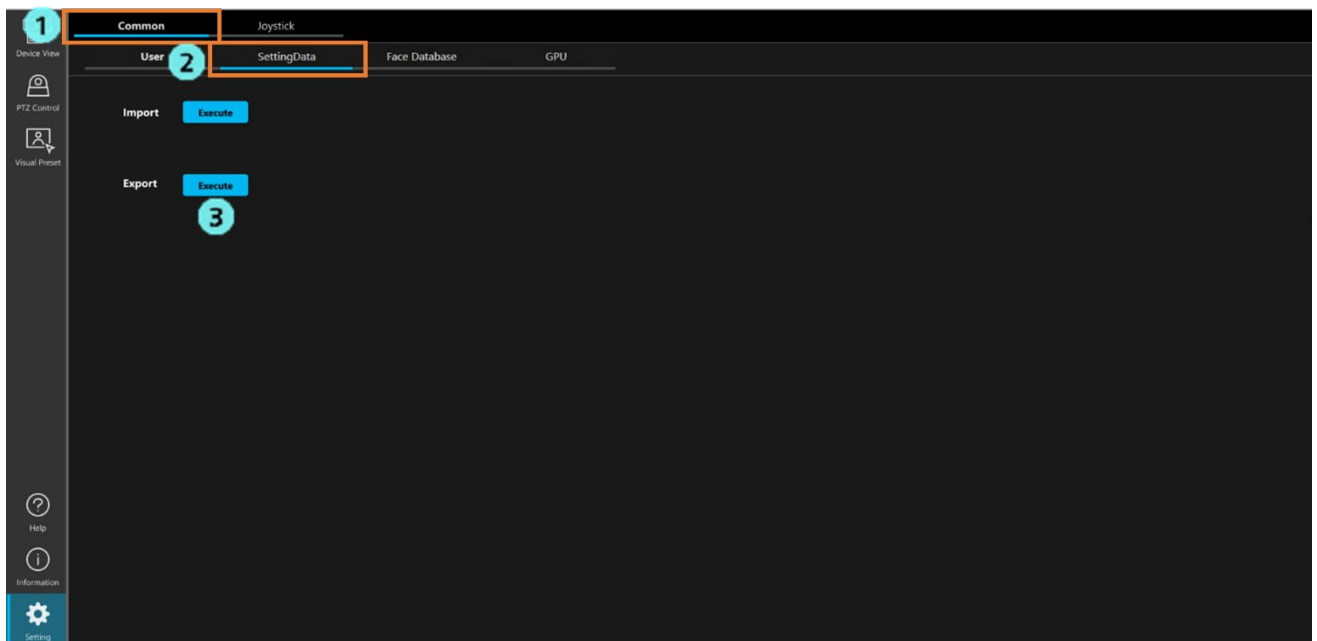
You copy the setting data and use it on another server PC running this software by importing the exported data.

<NOTE>

- Perform data export from the server PC. If you do this from a client PC, normal operation will not be obtained.
- License information for activated plugins that are not free of charge will not be included in exported data.
If you wish to transfer license information to another server PC, deactivate the license from the Information function.
- Setting data of the paid plugin Video Mixer is not exported.

Export is performed with the following procedure.

1. Click the [Common] tab in the top left of the screen to display the common settings screen.
2. Click the [Setting Data] tab on the common settings screen to display the setting data management screen.



3. When the [Execute] button next to [Export] is clicked, the setting data is divided into several files and exported to the Windows download folder.

*If a message is displayed in the web browser asking for permission to download, permit the download.

Setting data is exported with the filename database_*.bak.

In environments where only the free base software is active, the two files database_base.bak and database_ptz.bak are exported. In environments where plugins that are not free of charge are active, a file for each plugin (database_visual.bak, etc.) is sometimes also exported.

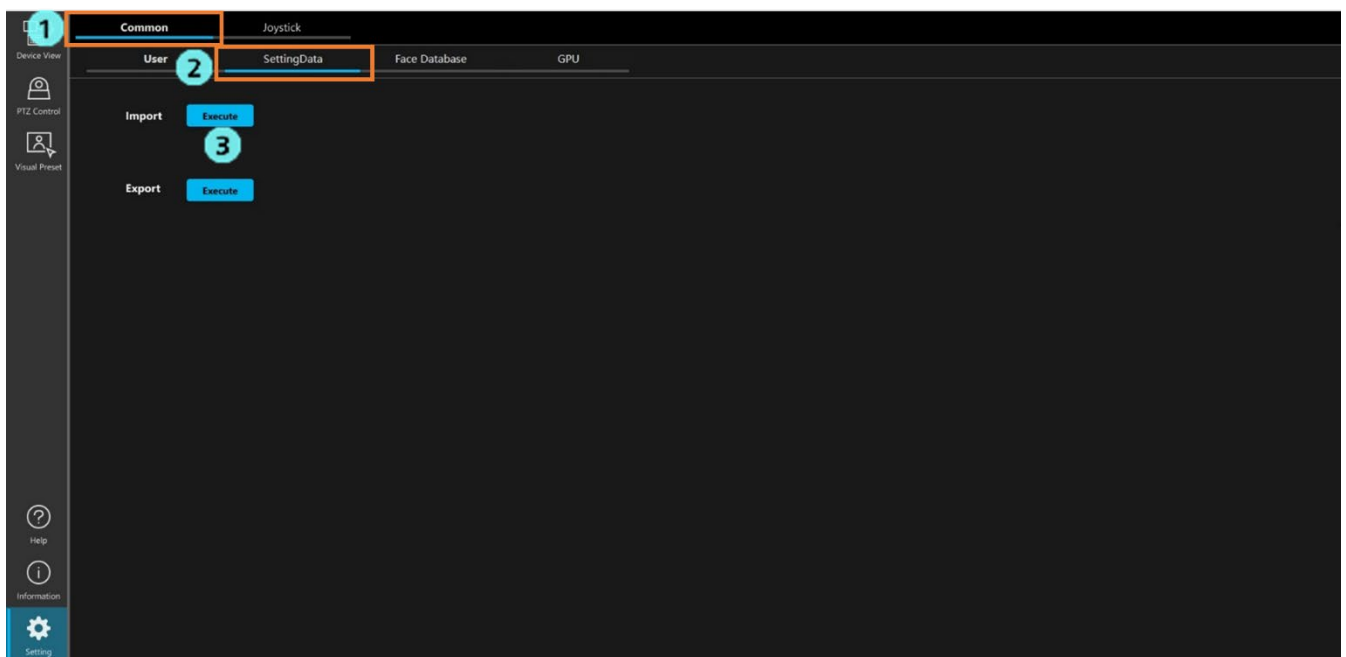
Importing Setting Data

Import of setting data is performed with the following procedure.

<NOTE>

- Perform data import from the server PC. If you do this from a client PC, normal operation will not be obtained.
- When an import is performed, the current setting data is overwritten in its entirety by the imported data.
- When an import is performed, this software will restart automatically.

1. Click the [Common] tab in the top left of the screen to display the common settings screen.
2. Click the [Setting Data] tab on the common settings screen to display the setting data management screen.



3. Click the [Execute] button next to [Import] to display a file selection dialogue box, and then select all files containing exported setting data.
4. Close the file selection dialog by clicking [OK] to start the import. When the import is completed, this software will restart automatically.

Device Manager Function Settings

Configuring the Items to be Displayed in the List

This section describes how you can specify items to be displayed when devices are displayed in List view with the Device Manager function.

For details, see [Display list of devices and change settings values] > [Selecting Items to Display in the List] in the Device Manager function operation manual.

Specifying Items for Display with the EasyIP Setup Tool Plus Functionality

This section describes how you can specify items to be displayed when using the EasyIP Setup Tool Plus functionality in the Device Manager function.

For details, see [Built-In EasyIP Setup Tool Plus Functionality] > [Specifying Items for Display in the Device List] in the operation manual for the Device Manager function.