

Integrated Software Operation Manual (Device Manager Function)

Contents

Integrated Software Operation Manual (Device Manager Function)	1
About the Device Manager Function	3
Function Overview.....	3
Selecting the Device Manager Function	3
Notes on Using Devices.....	4
Automatic Settings for PTZ cameras	4
Notes on Using Box Style Cameras.....	5
Notes on Using Digital Mirrorless Cameras	6
Notes on Using Studio Cameras and Multi-Purpose Cameras	7
Notes on Using Remote Camera Controllers.....	8
Notes on Using MOVICOM Pan/Tilt Heads.....	9
Device Registration	11
About device registration	11
Device Registration Procedure (When setting device information via the GUI)	12
Device Registration Procedure (When Importing a CSV File).....	15
Device Registration Procedure (When Importing Camera Information from a Remote Camera Controller)	16
Download the CSV file template.....	18
CSV File Specifications	19
Device Export	21
About Device Export.....	21
Exporting Device Registration Information to a CSV File.....	22
Exporting Camera Registration Information to a Remote Camera Controller	23
Display list of devices and change settings values	25
Displaying a List of Devices.....	25
Explanation of List Display	26
Thumbnail Display Explanation	27
Filtering Devices to Display.....	28
Selecting Items to Display in the List	29
Description of List Display Items	30
Changing Device Setting Values in the List Display	33
Locking Device Setting Values in the List Display	35
Device Config File Operations	36

About Config File Operations.....	36
Supported Device.....	36
Supported Data	37
Handling of Configuration Files Saved on PC	37
Performing Save of Config File.....	38
Performing Copy of Config File.....	39
Device Menu Operations.....	42
Displaying the Device Menu.....	42
Opening the Device Operation Screen	43
Opening the Web Screen for a Device.....	44
Switching a Device ON.....	44
Setting a Device to Standby	45
Start/Stop Video Recording by a Device	45
Changing Device Information and Settings.....	46
Deleting a Device.....	49
Group Menu Operations	50
Displaying the Group Menu	50
Switching ON all Devices in a Group	51
Setting all Devices in a Group to Standby	52
Starting/Stopping Video Recording for all Devices in a Group.....	52
Changing a Group Display Name	53
Changing the Device Display Order in a Group.....	54
Moving Devices in a Group to Another Group.....	55
Deleting a Group	56
Built-in EasyIP Setup Tool Plus Functionality.....	57
Main Functions	57
Screen Explanation	58
Identify Function	61
Network Settings Function	62
Auto IP Function	64
Administrator Registration Function	66
Firmware Update Function	67
Activation Function	70
Selecting Items to Display in the Device List	73
Function Restrictions by Role.....	74
List of Function Restrictions by Role.....	74

About the Device Manager Function

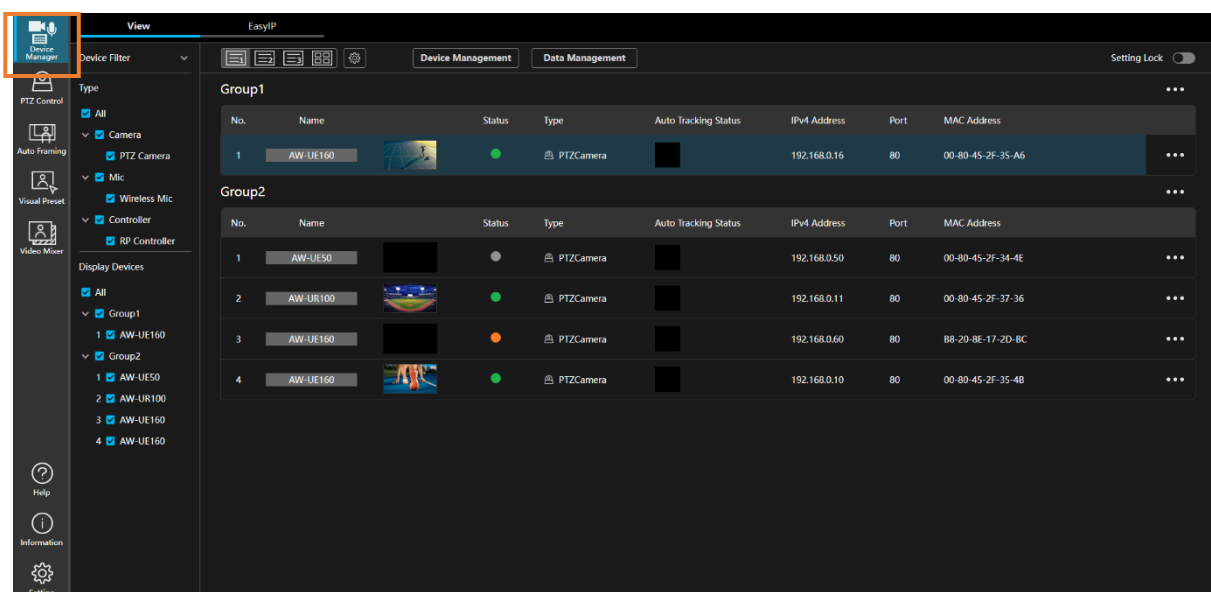
Function Overview

The Device Manager function provides the functionality to manage PTZ cameras and other devices used with this software.

- With the Device Manager function, you can:
 - Register, change registered information of, and delete devices
 - Display list of devices
 - Display/change device settings
 - Operate device configuration files (save/copy)
 - Display the web screen of devices
 - Manage device power
 - Use the built-in EasyIP Setup Tool Plus functionality
 - Auto-detect devices on the network
 - Configure device network settings
 - Update device firmware
 - Batch register device administrators
 - Activate device NDI|HX / SMPTE ST 2110

Selecting the Device Manager Function

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



Notes on Using Devices

Depending on the device type, some devices may require settings to be configured in advance or may be subject to restrictions.

Automatic Settings for PTZ cameras

This software automatically changes the following settings on the PTZ camera itself:

- JPEG Setting (from the camera's web interface: Setup -> Video over IP -> JPEG Settings)

JPEG(1)

JPEG transmission: On

Image capture size : 1280x720 *1/*2

Refresh interval: With NTSC: 30fps, With PAL:25fps

Image quality : fine *3

- Crop Setting *4

IP (H.264/H.265) OUT1 [FULL, CROP]: FULL

- Video Output Source Setting *5

Output source (IP/NDI|HX): 3G SDI2

<NOTE>

*1: For the following models, the Image capture size for JPEG(1) will be set to 640x360.

AW-UE20, AW-HE20

*2: Depending on the model settings (NDIHx, etc.), the Image capture size for JPEG(1) will be set to 640x360.

*3: For the following models, the Image Quality setting for JPEG(1) will be set to Normal.

AW-UE70/UN70/UE65/UE63, AW-HE75/HE68/HE42

*4: This setting is automatically applied only to the models equipped with the Crop function listed below.

AW-UE160/UE163, AW-UE150A/UE158/UE148, AW-UE150/UE155/UN145, AW-UE100, AW-UR100

(As of November 2025)

*5: This setting is automatically applied only when using the models listed below and when the UHD Crop Mode is set to [Crop(1080)] or [Crop(720)].

AW-UE150A/UE158/UE148 (as of November 2025)

Notes on Using Box Style Cameras

■Applicable Models

AW-UB10

AW-UB50

■Advance Settings

To register and use a Box Style Camera in this software, the following settings are required in advance.

- Camera account settings (ID/PW settings)

Select Administrator Registration in the built-in EasyIP Setup Tool Plus function of this software to set up the camera account.

See [Administrator Registration Function](#) in this manual for details.

- Camera's LAN operation mode settings

In the camera's settings menu, set "IN/OUT" → "LAN" → "LAN function" to "Control With Controller"

For details, please refer to the camera's operating manual.

- Photo Style setting

To operate R PEDESTAL / G PEDESTAL / B PEDESTAL, set “Image Quality 1” → “Photo Style” to “PTZ Camera (UE160)” on the camera’s settings menu.

For details, refer to the camera’s operating manual.

■Restrictions

In addition, the following restrictions apply to Box Style Cameras:

- Video is not displayed in any functions of this software.

■Camera Firmware

Use the camera with the latest firmware installed.

For firmware release information, check the following website.

<https://eww.pass.panasonic.co.jp/pro-av/support/content/download/EN/top.html>

Notes on Using Digital Mirrorless Cameras

■Applicable Models

DC-S1M2NT

■Advance Settings

To use a digital mirrorless camera with this software, the following settings must be configured in advance.

- Camera account settings (account name/password settings)

Select Administrator Registration in the built-in EasyIP Setup Tool Plus function of this software to configure the camera account.

For details, refer to [Administrator Registration Function](#) in this manual.

- USB Ethernet Adapter setting

In the camera's settings menu, set "IN/OUT1" → "USB" → "USB Ethernet Adapter" to "CONTROLLER".

For details, refer to the camera's operating instructions.

- Easy IP Setup

When registering the camera or enabling automatic camera detection in the EasyIP Setup Tool Plus function, set "IN/OUT1" → "Wired LAN/WiFi" → "Easy IP Setup" in the camera's settings menu to "20MIN." or "UNLIMITED".

For details, refer to the camera's operating instructions.

- Camera operating mode setting

Select "Movie mode" using the photo/movie/S&Q mode switch on the camera.

For details, refer to the camera's operating instructions.

■Restrictions

The following restrictions apply to digital mirrorless cameras.

- Camera video is not displayed in any function of this software.
- When the camera is registered manually, the camera's MAC Address and Serial Number are not displayed.
- Focus operations from this software are applied only when the focus mode lever on the camera is set to MF. When it is set to a mode other than MF, autofocus is used.
- Iris operations from this software are applied only when the camera's mode dial is set to A or M. In other modes, auto iris is used.
- Gain operations from this software are applied only when the camera's operation setting " → Image Quality 2 → SS/Gain Operation" is set to <sec/dB>.
- The range that can be set with Gain operation varies depending on the camera's operation setting " → Image Quality 1 → Photo Style".

Notes on Using Studio Cameras and Multi-Purpose Cameras

■Applicable Models

Studio Cameras

AK-UCX100

AK-UC4000

AK-UC4000B

AK-UC3300

Multi-Purpose Cameras

AK-UBX100

■Required License

To register and operate a Studio Camera or a Multi-Purpose Camera with this software, a license for the Image Adjust Pro plug-in (AW-SF600) is required.

If the license is not available, even if the camera is registered, it will not be recognized by this software and cannot be operated.

Please start the free trial of the Image Adjust Pro plug-in or purchase the license key code (AW-SF600) and activate it to enable the license.

For details, refer to the Image Adjust Pro plug-in operation manual.

■Restrictions

In addition, the following restrictions apply to Studio Camera and Multi-Purpose Camera:

- Video is not displayed in any function of this software.
- When the camera is registered manually, the MAC Address and Serial Number are not displayed.

Notes on Using Remote Camera Controllers

■ Applicable Models

AW-RP200

AW-RP150

AW-RP60

■ Entering User ID/Password Information When Registering Devices

For remote camera controllers, whether User ID/Password information must be entered depends on the model.

Models that require User ID/Password entry

AW-RP200

Models that do not require User ID/Password entry

AW-RP150

AW-RP60

■ Restrictions

The following restrictions apply to remote camera controllers.

- When a remote camera controller is registered manually, the MAC Address and Serial Number are not displayed.

Notes on Using MOVICOM Pan/Tilt Heads

■Applicable Models

Robyhead D2

■Cameras Connected to the Pan/Tilt Head

Control from this software is available only when one of the following cameras is connected to the Pan/Tilt Head.

Control is not available if a camera other than those listed below is connected, or if no camera is mounted.

Panasonic Box Style Cameras

AW-UB10

AW-UB50

■Advance Settings

To register and use the Pan/Tilt Head with this software, connection settings with the camera must be configured in advance on the Pan/Tilt Head itself.

Configure the connection settings using the following procedure.

1. Enter the IP address of the Pan/Tilt Head in the URL field of a web browser (Edge or Chrome) to open the Pan/Tilt Head web screen.
2. Click the NETWORK button on the web screen to open the NETWORK settings screen.
3. Enter the following items.

Cam IP Address: IP address of the camera connected to the Pan/Tilt Head

Cam ID: ID of the camera connected to the Pan/Tilt Head

Cam password: Password of the camera connected to the Pan/Tilt Head

4. Click the APPLY button.
5. Click the refresh button in the web browser to refresh the screen, and confirm that “UB camera connection” on the web screen is OK.

Robyhead D2

NETWORK	Network
MOVEMENT	IP Address: 192.168.0.216
LENS	Subnet Mask: 255.255.255.0
TALLY	Gateway: 192.168.0.1
EXT	MAC Address: 70:B3:D5:5D:B0:00
STATISTICS	Cam IP Address: 192.168.0.51
	Cam ID:
	Cam password:
	UB camera connection: OK
	APPLY

■Entering IP Address and User ID/Password When Registering Devices

When registering Pan/Tilt Head in this software, use the following device information.

IP Address: Set the IP address of the Pan/Tilt Head itself.

Note: This is not the IP address of the camera connected to the Pan/Tilt Head.

User ID/Password: Leave blank (no entry required).

■ Restrictions

The following restrictions apply to Pan/Tilt Heads.

- When a Pan/Tilt Head is registered manually, the MAC Address, Version, Serial Number, and DHCP are not displayed.

Device Registration

About device registration

In order to operate a device with this software, the device first needs to be registered in this software.

Device registration can be performed using one of the following methods.

- Set device information via the GUI

On the GUI, you can either select a device to register from among the automatically detected devices, or manually enter the device information to register it.

For details, refer to [Device Registration Procedure \(When setting device information via the GUI\)](#).

- Import a CSV file containing device information

Create a CSV file containing device information in advance, and then register the device by importing it into the GUI.

For details, refer to [Device Registration Procedure \(When Importing a CSV File\)](#).

- Import camera information registered in a remote camera controller

Register devices by importing camera information registered in a remote camera controller on the GUI of this software.

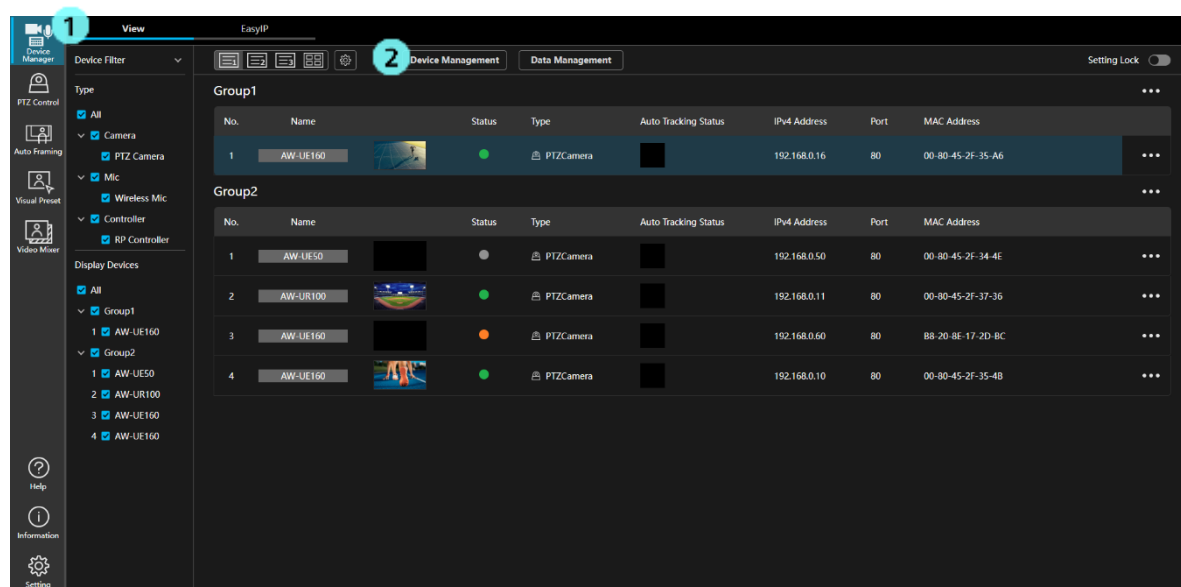
For details, refer to [Device Registration Procedure \(When Importing Camera Information from a Remote Camera Controller\)](#).

<NOTE>

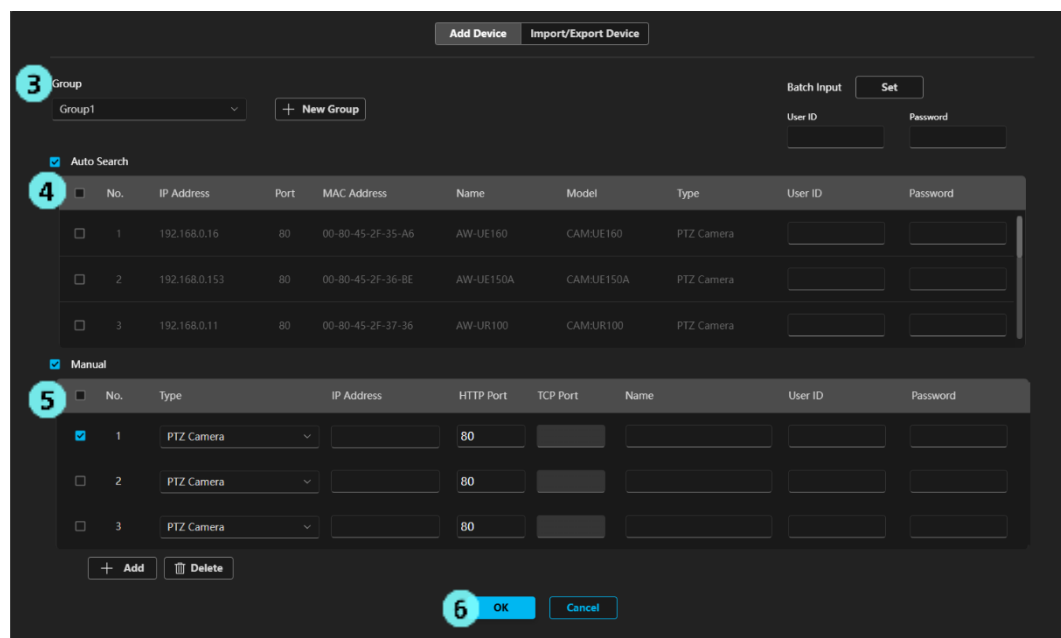
- Depending on the device type, some devices may require settings to be configured in advance or may be subject to restrictions. Before registering devices, check [Notes on Using Devices](#) in this manual.

Device Registration Procedure (When setting device information via the GUI)

If you are registering a device by selecting from automatically detected devices or by manually entering device information, follow the procedure below to complete the registration.



1. Click the [View] tab in the top left of the screen to display the View screen.
2. Click the [Device Management] button in the top of the screen to display the Device Management screen (see below).



3. Select the group in which to register the device from the [Group] list.
If you wish to add a new group, click the [New Group] button.
A field for registering the new group is displayed. Enter the group name and click the [Add] button to add the new group to the [Group] list.

4. Automatically detected devices on the network are displayed under [Auto Search].

Check the checkbox next to the device(s) you wish to add and enter the account and password in the [User ID] and [Password] fields.

Checking the checkbox of multiple devices allows you to register multiple devices at the same time.

<NOTE>

- For devices that do not have an account management function, you do not need to enter an account or password. For details, refer to [Notes on Using Devices](#) in this manual.

5. If you wish to manually register a device, check the [Manual] checkbox and then enter the device information below.

Type: Select the device type from the list.

Panasonic devices

When registering a Remote Camera: PTZ Camera

When registering a Box Style Camera: PTZ Camera

When registering a Digital Mirrorless Camera: PTZ Camera

When registering a Studio Camera: Studio Camera

When registering a Multi-Purpose Camera: Studio Camera

When registering a Remote Camera Controller: RP Controller

When registering a Wireless Microphone System: Wireless Mic

MOVICOM devices

When registering a Pan/Tilt Head: PTZ Camera

IP Address: Enter the IPv4 address of the device.

HTTP Port: Enter the HTTP port number of the device.

TCP Port: If you select Studio Camera as the Type, enter the TCP port number for the device.

No need to enter this number if you select anything other than Studio Camera.

Name: Enter a display name for the device.

User ID: Enter the account for the device.

Password: Enter the password for the device.

<NOTE>

- You can specify the user ID and password for all checked devices in the [Auto Search] and [Manual] areas at the same time by entering the account and password in the [User ID]/[Password] fields under [Batch Input] in the top right of the screen and pressing the [Set] button.
- For devices that do not have an account management function, you do not need to enter an account or password. For details, refer to [Notes on Using Devices](#) in this manual.

If you wish to register multiple devices at the same time, click the [Add] button to add another row in which to enter information, and then enter the information in the same way.

6. Click the [OK] button to register the device(s).

<NOTE>

- When connecting a studio camera via a CCU, please register it as follows.

When registering using [Auto Search]:

Select the automatically detected CCU and register it.

When registering using [Manual]:

Select [Type: Studio Camera], then register the CCU's IP address and port number.

- To operate devices of the “Studio Camera” type, an Image Adjust Pro plugin license (AW-SF600) is required. For details, please refer to [Studio Camera / Multi-Purpose Camera Operation](#).

Device Registration Procedure (When Importing a CSV File)

If you are registering devices by importing a CSV file containing device information, follow the procedure below to complete the registration.

For details on how to format the device information in the CSV file, refer to the section “[CSV File Specifications](#)” in this manual.

1. Display the device management screen by following steps 1 and 2 of “[Device Registration Procedure \(When setting device information via the GUI\)](#)”
2. Click the [Import/Export Device] tab at the top of the device management screen.

3. In the [Import device information from CSV file] section, select the registration method.
 - Add to current devices
Registers the devices by adding them after the currently registered devices.
 - Replace the current devices
Clears all currently registered devices and registers the new devices in their place.
4. Click the [Import] button to display the file selection dialog, then select the CSV file.
5. A list of devices to be registered will be displayed. Modify as necessary.

6. Click the OK button on the device list screen to complete the registration.

Device Registration Procedure (When Importing Camera Information from a Remote Camera Controller)

This section describes the procedure for importing camera information registered in a remote camera controller and registering it in this software.

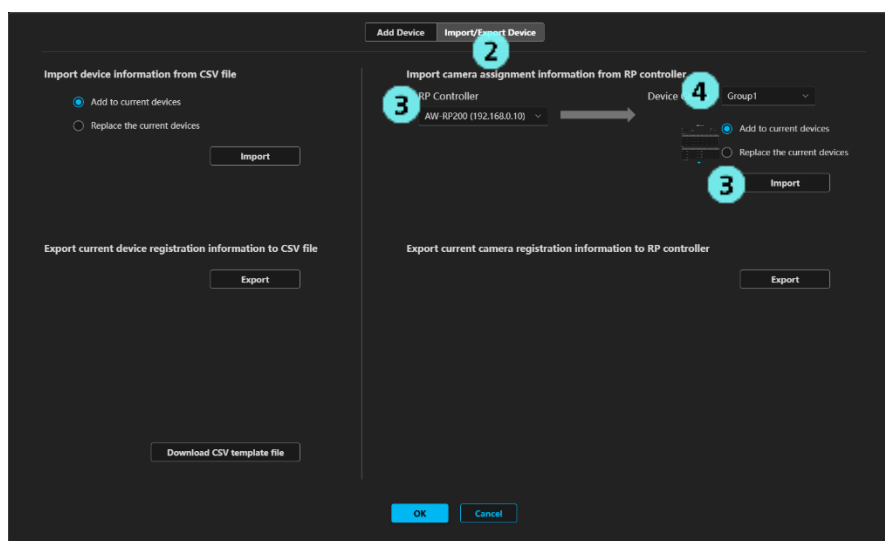
■ Restrictions

- This operation is supported only by the following remote camera controller.
AW-RP200
- Only cameras registered on the remote camera controller with Control Type set to LAN are supported.

■ Registration Procedure

- The remote camera controller must be registered in this software in advance.

1. Display the Device Management screen by following steps 1 and 2 in [Device Registration Procedure \(When setting device information via the GUI\)](#).
2. Click the [Import/Export Device] tab at the top of the Device Management screen.



3. In the [Import camera assignment information from RP controller] section, select the source remote camera controller from the [RP Controller] list.
4. In the [Device Group] section, select the destination device group.
5. Select the registration method.
 - Add to current devices
Registers the devices by adding them after the currently registered devices.
 - Replace the current devices
Clears all currently registered devices and registers the imported devices in their place.
6. Click the [Import] button. A list of cameras registered in the remote camera controller is displayed.
Modify the information as necessary.

Devices to be registered

Group1

☒	No.	Control Type	IP Address	HTTP Port	TCP Port	Name	User ID	Password
☐	1	No Assign	192.168.0.71	80		Camera 1	admin	*****
☒	2	LAN	192.168.0.151	80		Camera 2	admin	*****
☐	3	No Assign	192.168.0.12	80		Camera 3	admin	*****
☐	4	No Assign	192.168.0.157	65535		Camera 4	admin	*****
☐	5	No Assign	192.168.0.14	80		Camera 5	admin	*****
☒	6	LAN	192.168.0.61	80		Camera 6	admin	*****
☐	7	No Assign	192.168.0.16	80		AW-UE160	admin	*****
☐	8	No Assign	192.168.0.11	80		AW-UR100	admin	*****
☐	9	No Assign	192.168.0.151	80		Camera 9	admin	*****
☐	10	No Assign	192.168.0.19	80		Camera 10	admin	*****
☐	11	No Assign	192.168.0.20	80		Camera 11	admin	*****
☐	12	No Assign	192.168.0.21	80		Camera 12	admin	*****

OK

Cancel

7. Click the OK button on the camera list screen to import and register the camera information.

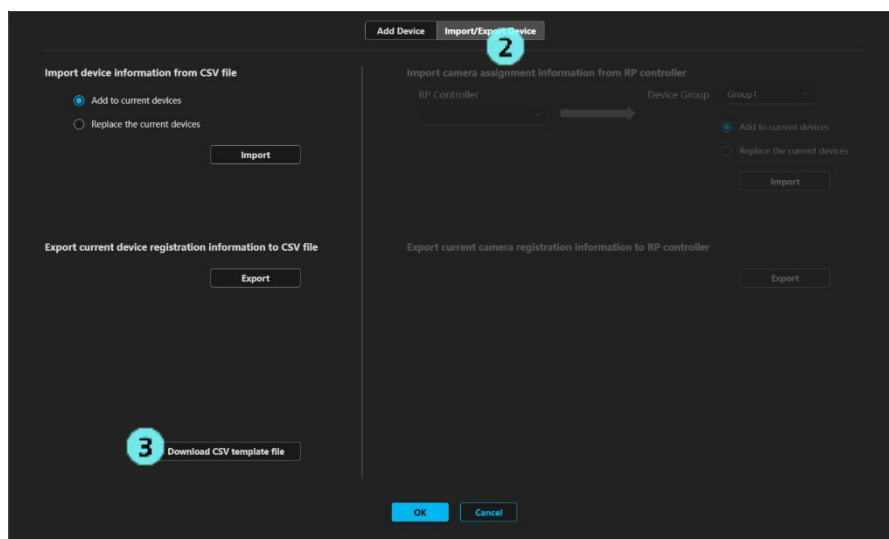
Download the CSV file template

You can download the CSV template file from the device management screen of this software.

When creating a CSV file, it is recommended to use the template file as a basis.

Follow the steps below to download:

1. Display the device management screen by following steps 1 and 2 of “[Device Registration Procedure \(When setting device information via the GUI\)](#)”
2. Click the [Import/Export Device] tab at the top of the device management screen.



3. Click the [Download CSV template file] button, and the file “MPS_DeviceRegistrationTemplate.csv” will be exported to your download folder.

CSV File Specifications

The specifications for the CSV file that contains device information are as follows:

- The contents of the first row are not used (it is assumed to contain item descriptions).
- The items to be entered in each column are as follows:

1st column: Group Name

2nd column: Device Type Number

3rd column: IP Address

4th column: HTTP Port

5th column: TCP Port

6th column: Device Name

7th column: User ID

8th column: Password

- Details of each item:

Item Name	Description	Remarks
Group Name	Enter the group name to which the device will be registered. The following character types and lengths are allowed: Character Type: No restrictions Character Length: 1 to 32 characters (characters from the 33rd character onwards will be ignored)	If omitted, the device will be registered to the first group. If the group does not exist, it will be automatically created.
Device Type Number	Enter the device type as a number. 0: PTZ Camera 1: Studio Camera 10: Wireless Mic 20: RP Controller	If omitted, it will be registered as 0: PTZ Camera.
IP Address	Enter the device's IP address.	
HTTP Port	Enter the device's HTTP port number.	If omitted, 80 will be set.
TCP Port	If the device type is Studio Camera, enter the TCP port number of the device. If the device type is anything other than Studio Camera, leave this field blank.	
Device Name	Enter the registration name for the device. The following character types and lengths are allowed: Character Type: No restrictions	If omitted, and if a device with the same IP Address and HTTP Port is auto-detected, its Title info will be used as the name.

	Character Length: 1 to 32 characters (characters from the 33rd character onwards will be ignored)	
User ID	Enter the account name used to log in to the device.	If the device does not have an account management function, leave this field blank.
Password	Enter the password used to log in to the device.	If the device does not have an account management function, leave this field blank.

- Example of entry:

When registering a PTZ camera with IP address 192.168.0.10 to Group1, and a PTZ camera with IP address 192.168.0.20 to Group2:

Group, Device Type Number(0:PTZ Camera 10:Wireless Mic 20:RP Controller), IP Address, HTTP Port, TCP Port, Device Name, User ID, Password

Group1,0,192.168.0.10,80,,AW-UE160,ptz_user,ptz_password

Group2,0,192.168.0.20,80,,AW-UE150,ptz_user,ptz_password

Device Export

About Device Export

You can export information for devices registered in this software.

Device export can be performed using one of the following methods.

- Export device information to a CSV file

You can export information for devices registered in this software to a CSV file.

The exported CSV file can be used for import into this software running on another PC.

For details, refer to [Exporting Device Registration Information to a CSV File](#).

- Export camera information to a remote camera controller

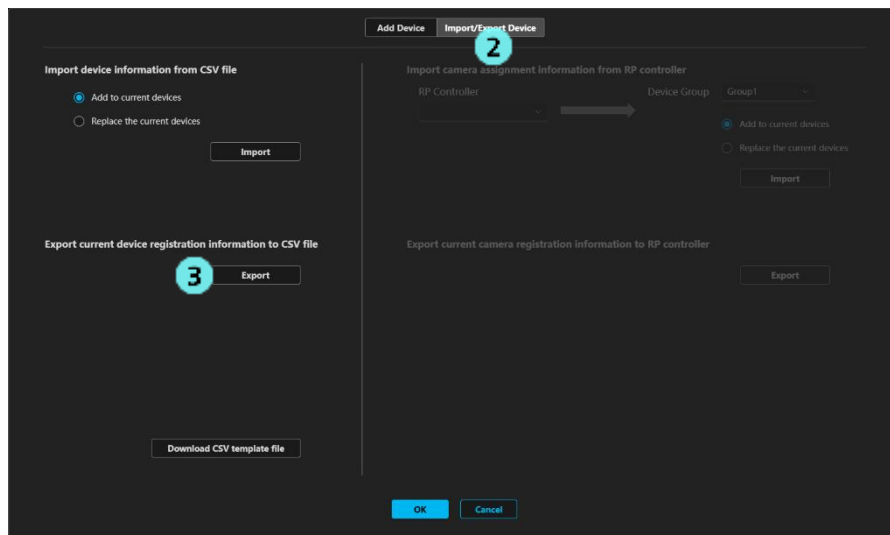
You can export information for cameras registered in this software to a remote camera controller and register the cameras on the remote camera controller.

For details, refer to [Exporting Camera Registration Information to a Remote Camera Controller](#).

Exporting Device Registration Information to a CSV File

You can export the information of devices registered in this software to a CSV file.

1. Display the device management screen by following steps 1 and 2 of “[Device Registration Procedure \(When setting device information via the GUI\)](#)”
2. Click the [Import/Export Device] tab at the top of the device management screen.



3. In the [Export current device registration information to CSV file] section, click the [Export] button, and the file “MPS_RegisteredDevices.csv” will be exported to your download folder.

<NOTE>

If a comma (,) is included in the Group Name, Device Name, User ID, or Password, the comma will be converted to a period (.) in the exported data.

Exporting Camera Registration Information to a Remote Camera Controller

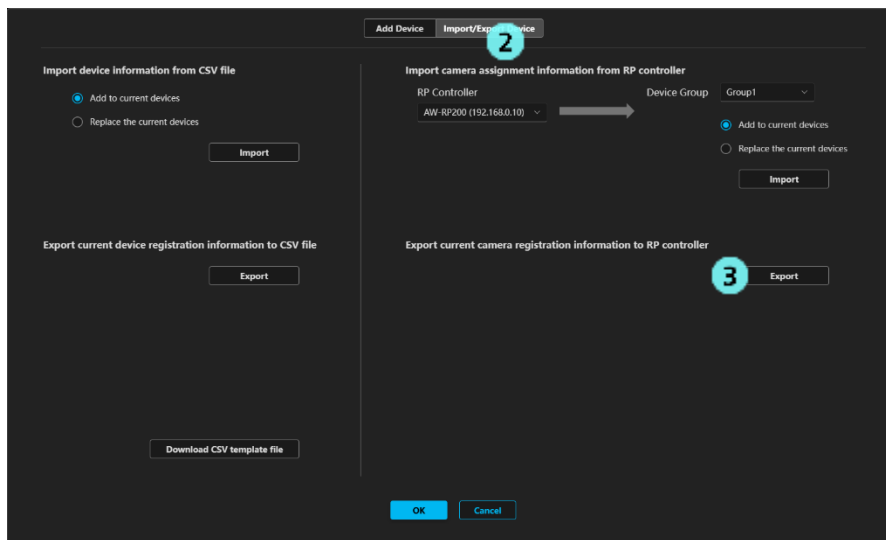
You can export information for cameras registered in this software to a remote camera controller and register the cameras on the remote camera controller.

■ Restrictions

- This operation is supported only by the following remote camera controller.
AW-RP200
- Only cameras registered in this software with Device Type set to PTZ Camera are exported by this operation.

■ Registration Procedure

1. Display the Device Management screen by following steps 1 and 2 in [Device Registration Procedure \(When setting device information via the GUI\)](#).
2. Click the [Import/Export Device] tab at the top of the Device Management screen.



3. In the [Export current camera registration information to RP Controller] section, click the [Export] button to display the export screen.
4. In the [Device registration data of this software] section on the export screen, a list of PTZ Cameras registered in this software is displayed. Select the cameras to export using the checkboxes.
5. Configure the export destination in the [Destination] section.
 - RP Controller
Select the destination remote camera controller.
 - Starting CAM No.
Set the starting number to use when registering cameras on the remote camera controller.
Cameras are registered with consecutive numbers starting from the number specified here.
6. Click the OK button to execute the export and register the cameras on the remote camera controller.

Device registration data of this software

4

☒	Group	No.	Name	Device Type	IPv4 Address	HTTP Port
☒	Group1	1	RH-D2	PTZ Camera	192.168.0.216	80
☒	Group1	2	AW-UE160	PTZ Camera	192.168.0.16	80
☒	Group1	3	AW-UE80	PTZ Camera	192.168.0.80	80
☒	Group1	4	AW-UE150	PTZ Camera	192.168.0.157	80
☒	Group1	5	DC-S1M2NT	PTZ Camera	192.168.0.202	80

Destination

RP Controller AW-RP200 (192.168.0.10)

Starting CAM No.(1-196) 1

6

OK Cancel

<NOTE>

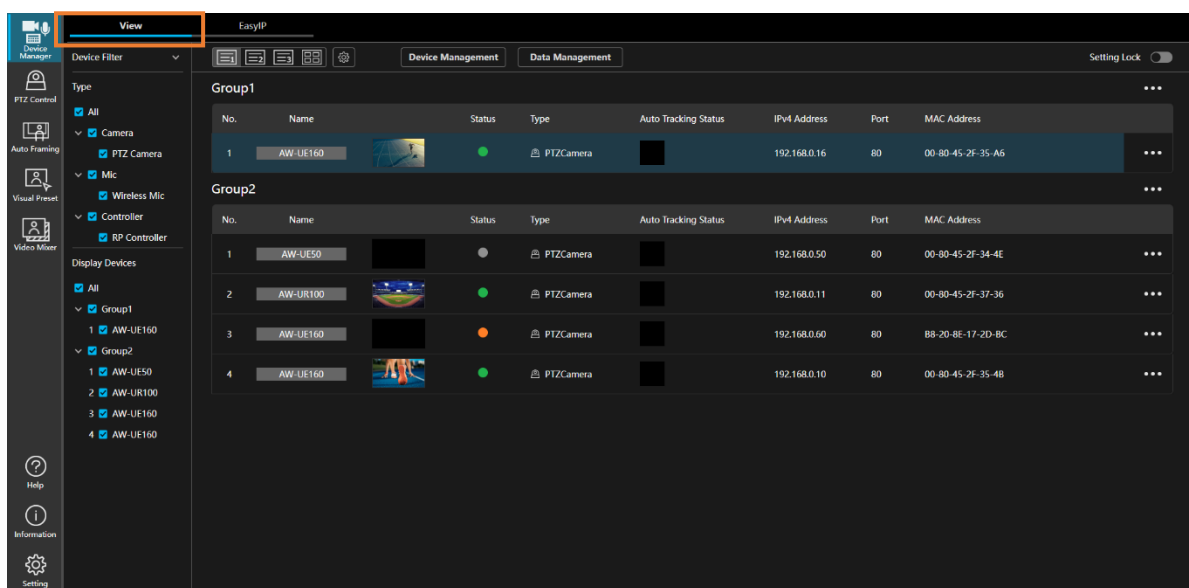
- When the export is executed, all camera registration information at the export destination is overwritten.

Display list of devices and change settings values

Displaying a List of Devices

A list of registered devices is displayed on the View screen.

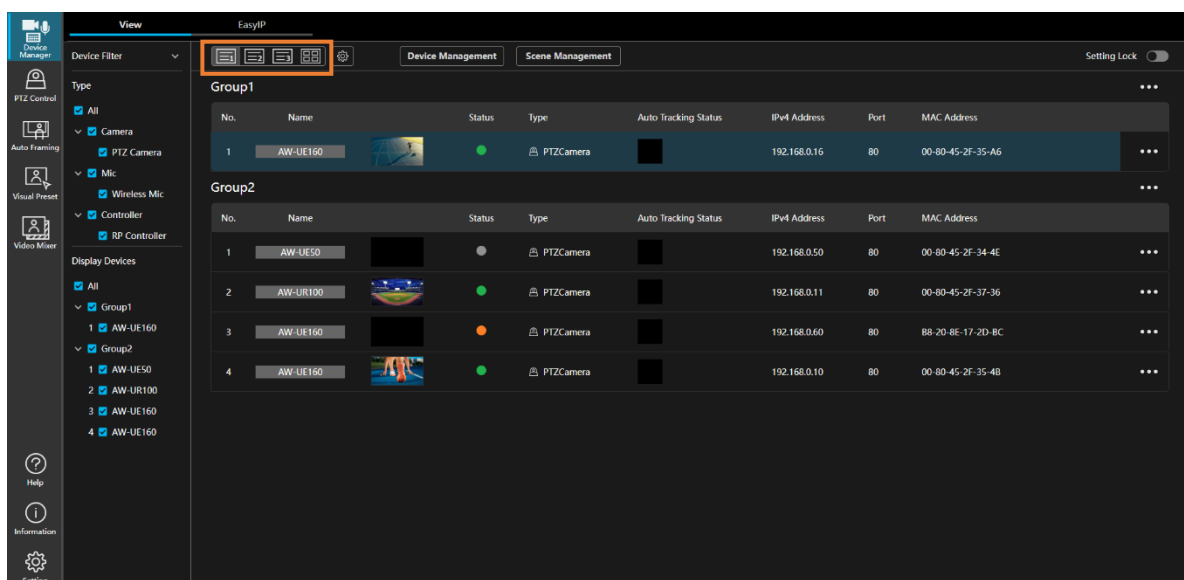
Click the [View] tab in the top left of the screen to display the View screen.



You can choose to display the list of devices in List View 1, List View 2, List View 3, or Thumbnail View using the



buttons on the screen.



Explanation of List Display

The screenshot shows a web interface for a security system. At the top left, a group name 'Room1' is displayed, labeled with a red circle '1'. To its right is a three-dot menu button, labeled with a red circle '2'. Below the group name is a table of devices, labeled with a red circle '3'. The table has columns: No., Name, Status, Type, Auto Tracking Status, IP Address, Port, MAC Address, and Image Capture Type. It contains two rows of device information. To the right of the table is another three-dot menu button, labeled with a red circle '4'.

No.	Name	Status	Type	Auto Tracking Status	IP Address	Port	MAC Address	Image Capture Type
1	AW-UE150	Online	PTZ Camera	Tracking	192.168.0.1	80	20-C6-E8-EF-02-00	IP (50 fps)
2	AW-UE70	Online	PTZ Camera	Stopped	192.168.0.2	80	20-C6-E8-EF-02-01	IP (50 fps)

1. Group name display

Indicates the name of the group to which a device belongs.

2. Group menu display button

Press this button to display a group menu for operations on the relevant group.

For details, see the [“Group Menu Operations”](#) section of this manual.

3. Device display area

List the registered devices by group.

The items displayed in the list can be set for each of List Display 1, List Display 2, and List Display 3.

For instructions on how to set the items to be displayed, refer to [“Selecting Items to Display in the List”](#).

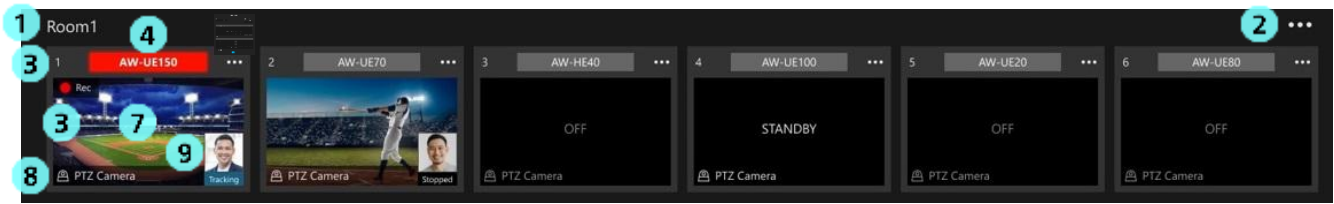
For descriptions of the items that can be displayed, refer to [“Description of List Display Items”](#).

4. Device menu display button

Press this button to display a device menu showing operations you can perform on the relevant device.

For details, see the [“Device Menu Operations”](#) section of this manual.

Thumbnail Display Explanation



1. Group name display

Indicates the name of the group to which a device belongs.

2. Group menu display button

Press this button to display a group menu for operations on the relevant group.

For details, see the [“Group Menu Operations”](#) section of this manual.

3. No.

Indicates the management number for devices in a group.

4. Name

Indicates the name of a device. If the type of the device is camera and the tally light is on, the background color changes to the color of the tally light.

5. Device menu display button

Press this button to display a device menu showing operations you can perform on the relevant device.

For details, see the [“Device Menu Operations”](#) section of this manual.

6. Recording state

Indicates the recording state if a device is currently recording.

7. Thumbnail

If the type of the device is camera, this shows the video being recorded by the camera. If the type of the device not camera, an image is displayed according to the type of the device.

This displays STANDBY when a device is in standby, and displays OFF when the device is not connected or is switched OFF.

8. Type

Indicates the type of the device.

9. Auto Tracking Status

Displays the faces registered for face recognition.

When the device is performing auto tracking, displays the auto tracking status (Tracking, Lost, Stopped).

Filtering Devices to Display

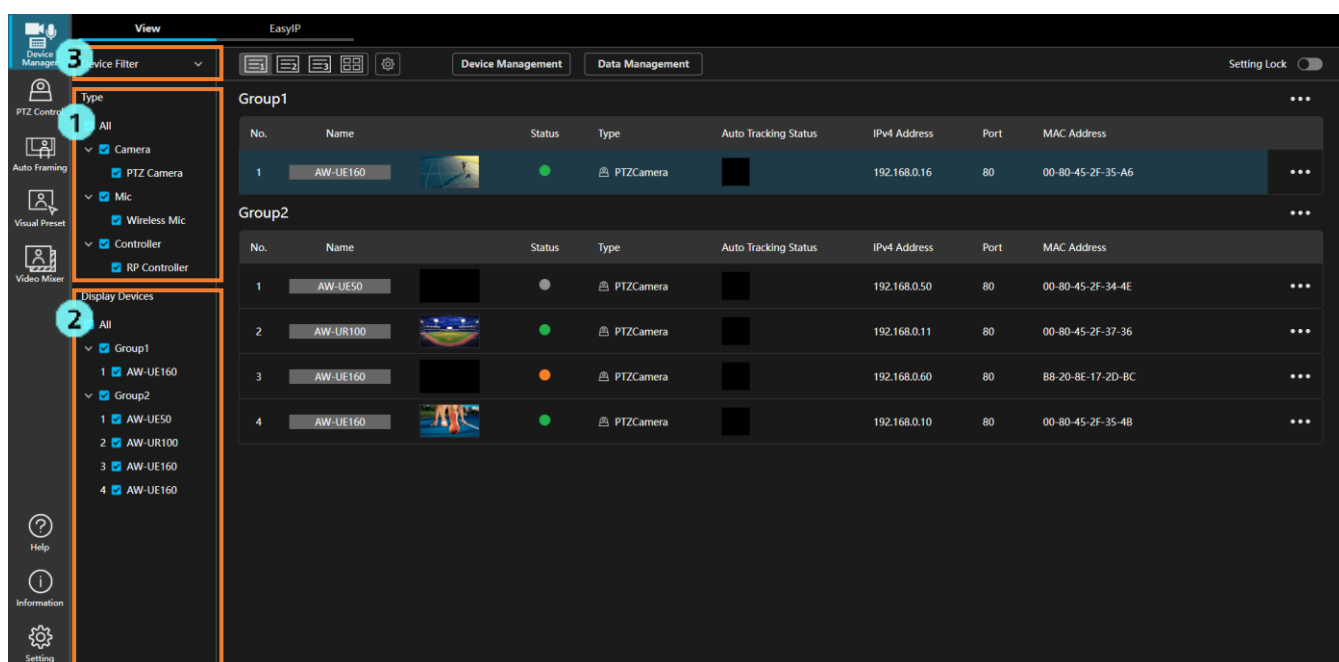
You can use the following criteria to filter the devices that are displayed.

- Type: Filter devices by type

The only devices displayed on the screen will be those of the types checked in the [Type] tree on the left of the screen (see 1 below).

- Individual device: Specify the individual devices you wish to display

The only devices displayed on the screen will be those checked in the [Display Devices] tree on the left of the screen (see 2 below).



<NOTE>

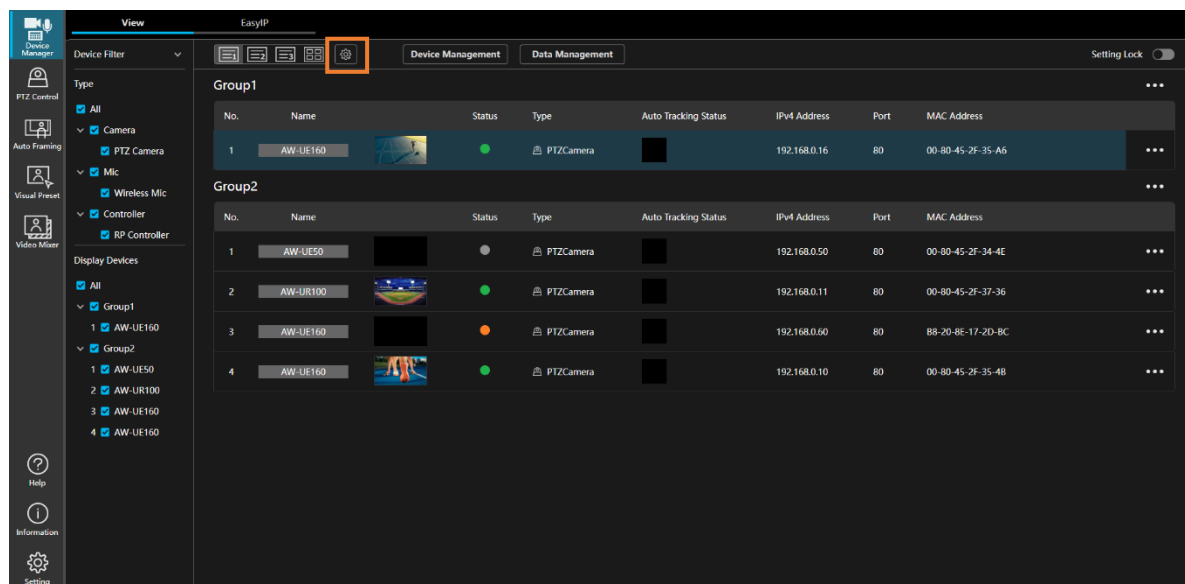
If filtering devices is not necessary, you can toggle the display of the filtering tree by clicking on the title part of the filtering tree (as shown in Figure 3 above).

Selecting Items to Display in the List

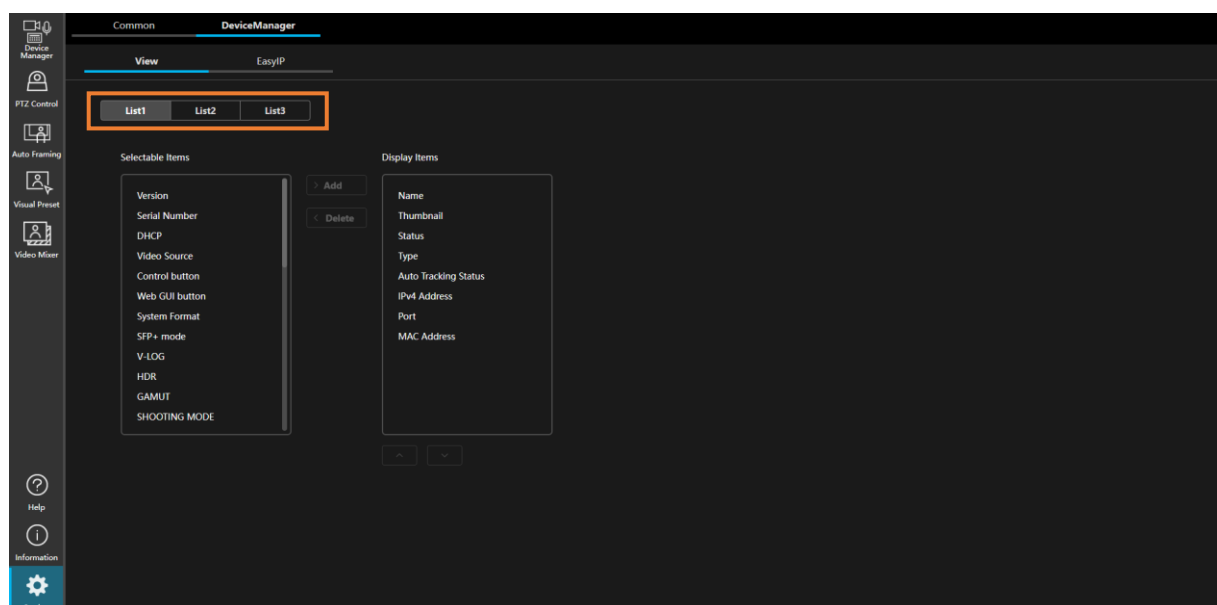
You can set the items to be displayed for each of List View 1, List View 2, and List View 3.

Follow the steps below to set the items to be displayed.

1. Click the [Setting] button  at the top of the screen to display the Setting screen.



2. In the List1 / List2 / List3 tabs, select which display to set for List View 1, List View 2, or List View 3.



3. If you wish to show an item that is hidden, select the relevant item from [Selectable Items] and then click the [> Add] button. The item will move to [Display Items] and will be shown.

If you wish to hide an item that is shown, select the relevant item from [Display Items] and then click the [< Delete] button. The item will move to [Selectable Items] and will be hidden.

You can also change the order in which items are displayed by selecting an item in [Display Items] and then clicking the up and down buttons beneath [Display Items].

Description of List Display Items

The items that can be displayed in the list display are as follows.

Items with a circle in the "Change Setting Value" column can have their setting values changed in the list display.

For details, refer to ["Changing Device Setting Values in the List Display"](#).

			Initial Display		
Item name	Description	Change Setting Value	List1	List2	List3
Name	Displays the name of the device. If the device type is a camera and the tally lamp is on, the background color changes to the color of the tally lamp.		○	○	○
Cam Model No.	Displays the camera model number.		○		
CCU Model No.	If the camera is connected via a CCU, the model number of the CCU is displayed.		○		
Thumbnail	If the device type is a camera, the image captured by the camera is displayed. If the device type is not a camera, an image corresponding to the device type is displayed.		○		
Status	Displays the connection status of the device by color. Green: The device is connected and operating. Orange: The device is connected but in standby mode. Gray: The device is not connected or is powered off.		○		
Type	Displays the type (category) of the device.		○		
Auto Tracking Status	Displays the auto tracking status of the device and the face registered for facial recognition. Tracking: The device is tracking the target. Lost: The device has lost the target. Stopped: The device is not set to track and is stopped.		○		
IPv4 Address	Displays the network address.		○		
Port	Displays the HTTP port number.		○		
TCP Port	Displays the TCP port number.				
MAC Address	Displays the MAC address.		○		
Version	Displays the firmware version.				
Serial Number	Displays the serial number.				
DHCP	Displays the DHCP settings.				

Video Source	Displays the type of video source.				
Control Button	Displays the control button. Clicking the button displays the device control screen.			○	
Web GUI Button	Displays the Web GUI button. Clicking the button displays the device's Web GUI screen.			○	
System Format	Displays the system format settings	○		○	
SFP+ mode	Displays the SFP+ mode settings.	○		○	
V-LOG	Displays the V-LOG settings.	○		○	
HDR	Displays the HDR settings.	○		○	
GAMUT	Displays the GAMUT settings.	○		○	
SHOOTING MODE	Displays the SHOOTING MODE settings.	○		○	
SYNC REF SIGNAL	Displays the SYNC REF SIGNAL settings.	○		○	
GENLOCK H PHASE COARSE	Displays the GENLOCK H PHASE COARSE settings.	○		○	
GENLOCK H PHASE FINE	Displays the GENLOCK H PHASE FINE settings.	○		○	
Streaming Mode	Displays the streaming mode settings.	○		○	
Streaming Resolution	Displays the streaming resolution settings.	○		○	
Streaming Frame Rate	Displays the streaming frame rate settings.	○		○	
Streaming Bit Rate	Displays the streaming bit rate settings.	○		○	
Scene	Displays the scene settings.	○			○
Iris	Displays the iris settings.	○			○
WB	Displays the WB mode settings.	○			○
Gain	Displays the gain settings.	○			○
R Gain	Displays the R gain settings.	○			○
B Gain	Displays the B gain settings.	○			○
MASTER PEDESTAL	Displays the master pedestal settings.	○			○
R PEDESTAL	Displays the R pedestal settings.	○			○
G PEDESTAL	Displays the G pedestal settings.	○			○
B PEDESTAL	Displays the B pedestal settings.	○			○
Shutter	Displays the shutter settings.	○			○
ND Filter	Displays the ND filter settings.	○			○
Color Collect ON/OFF	Displays the color collect ON/OFF settings.	○			○
Color Collect Table	Displays the color collect table settings.	○			○
Gamma ON/OFF	Displays the gamma ON/OFF settings.	○			○
Gamma Mode	Displays the gamma mode settings.	○			○

<NOTE>

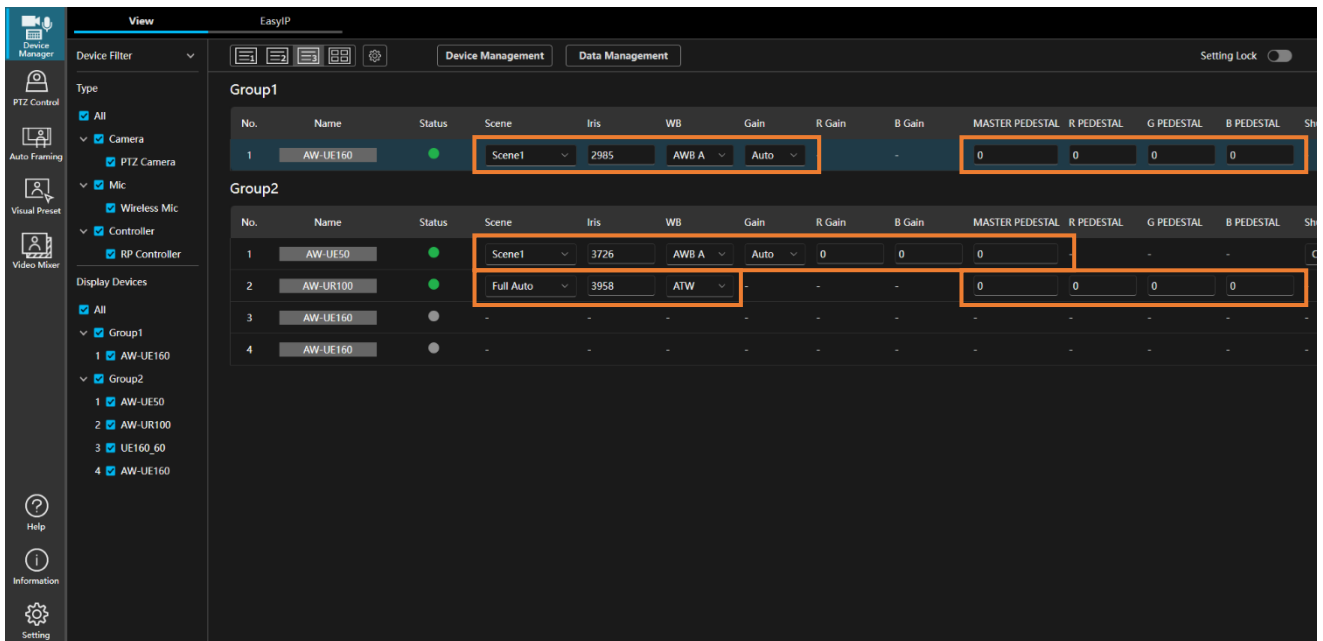
- The display items supported by the device vary depending on the model. Display items that are not supported by the device are shown as "-"

- When the studio camera's [SHUTTER SELECT BY ROP] setting is set to [SELECT], shutter operation is not available.

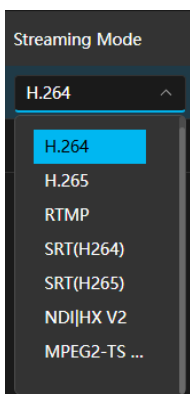
Changing Device Setting Values in the List Display

Items that support changing setting values are displayed with a box shape.

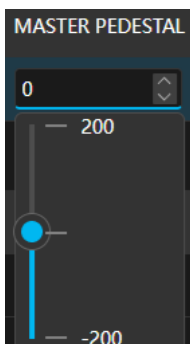
You can change the setting values by clicking on the box.



If the setting value is in the form of a list, select the value from the displayed list.



If the setting value is in the form of a value to be set, use one of the following methods to set the value: slider, increment/decrement buttons on the right end of the box, or directly input the value into the box.



<NOTE>

- If the account authority is User, the setting values cannot be changed.

- For some items, changing the setting values may cause the device to restart. If a restart occurs, it may take a few minutes for the display to update.

Examples of when a restart may occur:

When changing the SFP+ mode

When changing the Streaming Mode from something other than NDI|HX V2 to NDI|HX V2

When changing the Streaming Mode from NDI|HX V2 to something other than NDI|HX V2

- If the settings for the following items are changed outside of this app, they may not be reflected in the display of this app.

Priority Mode

System Format

Streaming Resolution、 Streaming Frame Rate、 Streaming Bit Rate

- The settings for Streaming Resolution, Streaming Frame Rate, and Streaming Bit Rate are only applied to CH1.
- For AW-UE20/HE20, AW-UE5 and AW-UE4, the Streaming Bit Rate setting cannot be configured.
- When changing System Format, Streaming Mode, Streaming Resolution, or Streaming Frame Rate on AW-UE20/HE20, AW-UE5 and AW-UE4, it may take some time for the changes to be reflected.
- Restrictions for Device Type: Studio Camera

All models: The setting values for the following items cannot be changed:

System Format, HDR, ND Filter, WB.

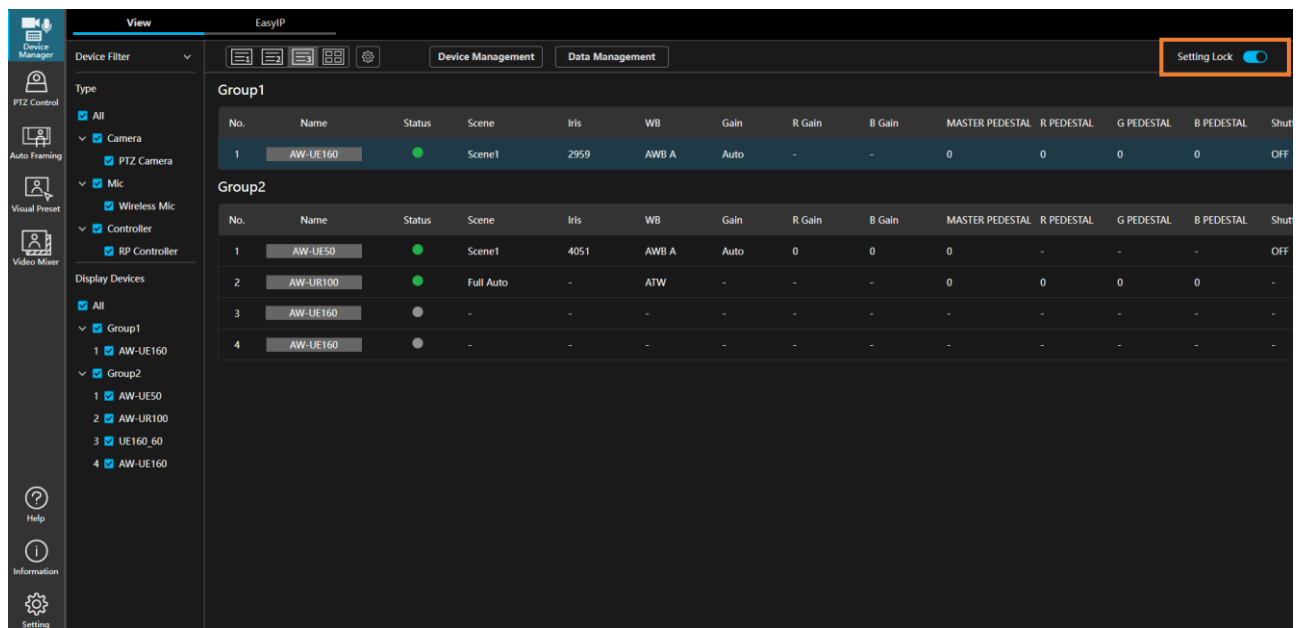
AK-UC4000 / AK-UC3300: The setting values for the following items cannot be changed:

V-LOG, GAMUT.

Locking Device Setting Values in the List Display

When you turn on the [Setting Lock] button at the top right of the screen, all setting values in the list display will be locked. In the locked state, the setting values are displayed only and cannot be changed from this screen (settings can still be changed from other screens such as the PTZ Control screen or the device's web screen).

When you turn off the [Setting Lock] button, the lock on the setting values is released, and you can change the setting values again.



Device Config File Operations

About Config File Operations

In Config File Operations, you can perform the following tasks:

- Save Config File

You can save the device's config file settings as a configuration file on your PC.

- Copy Config File

You can copy the device's config file settings to other devices of the same model.

You can copy the settings from the configuration file saved on your PC to devices of the same model.

<NOTE>

- When performing an operation from a client PC, a tool for client PC must be installed on the PC in advance.

Please download and install it from our website

(https://www.pass.panasonic.co.jp/pro-av/support/content/download/EN/ep2main/mps_client_tool_e.htm).

Supported Device

The devices supported by this operation are as follows.

Panasonic Remote Cameras

- AW-UE160/AW-UE163
- AW-UE150A/AW-UE158/AW-UE148
- AW-UE150/AW-UE155/AW-UN145
- AW-UE100
- AW-UE80/AW-UE83
- AW-UE50/AW-UE53
- AW-UE40/AW-UE43
- AW-UE30
- AW-HE145
- AW-UR100

Panasonic Remote Camera Controllers

- AW-RP200

Supported Data

Both Save and Copy support only the following data. An asterisk (*) represents any number.

Panasonic Remote Cameras

- Camera (SCENE*)
- Camera (USER*)
- Camera (PRESET)
- Camera (FULL AUTO)
- Camera (SYSTEM)

Panasonic Remote Camera Controllers

- RP SETTING
- TMEM
- MACRO
- CONNECT SETTING
- CAM INFORMATION
- STREAM DECK
- ALL SETTING

Handling of Configuration Files Saved on PC

Do not change the file extension of the files saved on your PC using the Save operation.

If you change the file extension, you will not be able to use the files for the Copy operation or for uploading on the camera web screen.

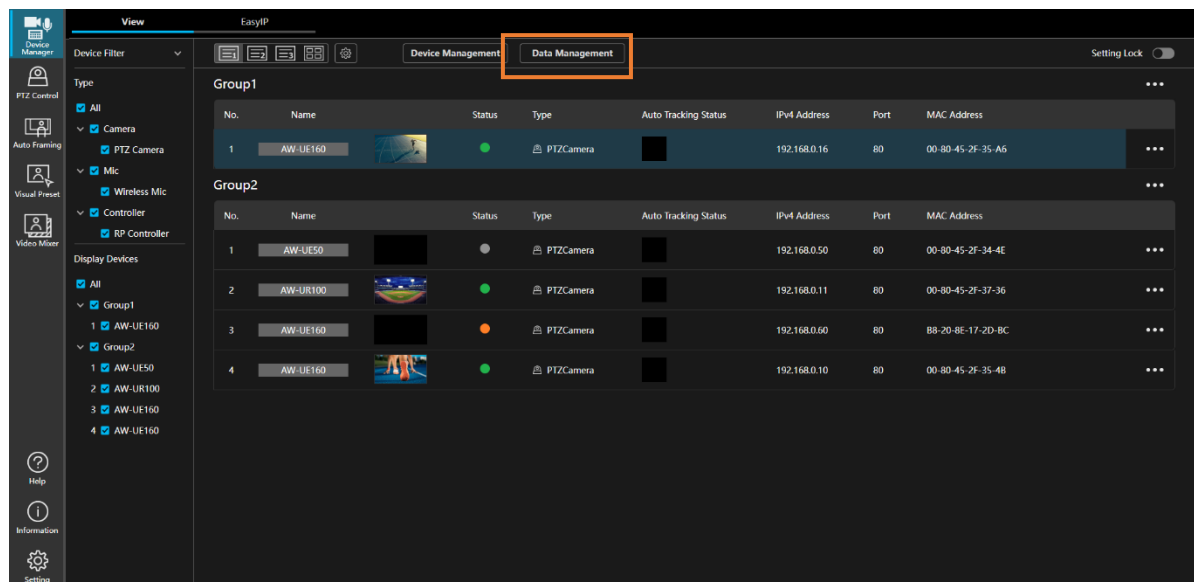
Additionally, if the file name is changed, it can be used for the Copy operation, but it may not be usable for the Upload operation on the device web screen.

Performing Save of Config File

With the Save operation, you can save the device's config file settings as a settings file on your PC.

Follow these steps to perform the operation:

1. Click the [Data Management] button at the top of the screen.



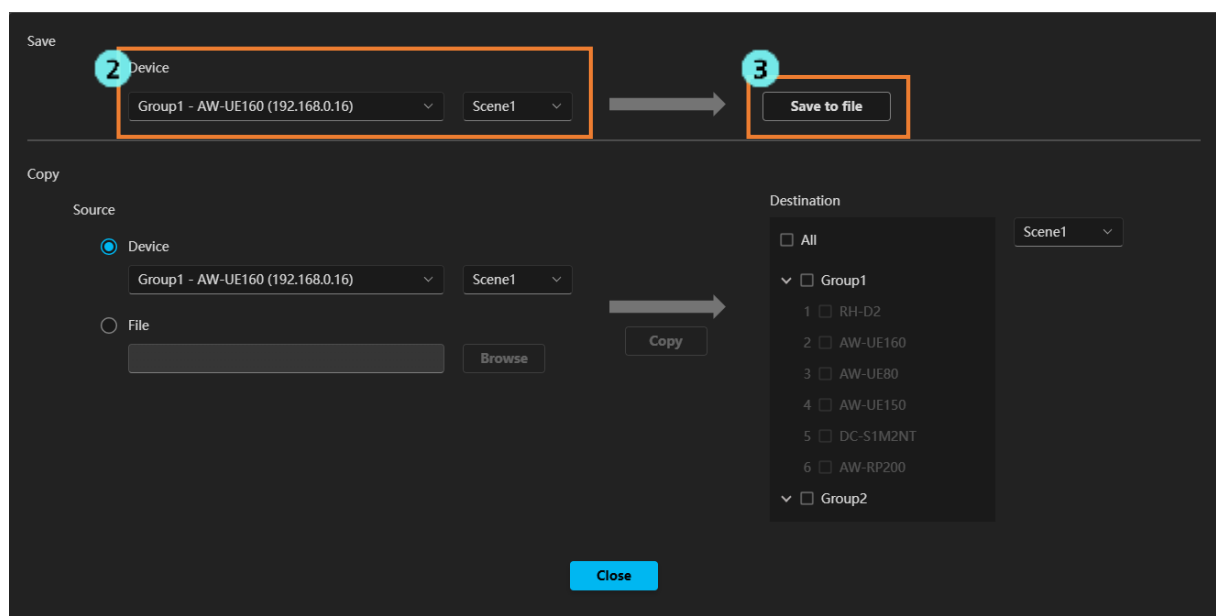
2. The Config File Management screen will be displayed.

In the Device area of the Save column, select the device and data to save.

3. When you click the [Save to file] button, a dialog box will appear to select the save destination.

Select the save destination and click the OK button to save the configuration file.

*** If a message appears asking for permission to open the SceneManagementWebProgram when you click the [Save to file] button, please allow it.**



Performing Copy of Config File

With the Copy operation, you can copy the device's config file settings to other devices or copy the settings from a configuration file saved on your PC to the device.

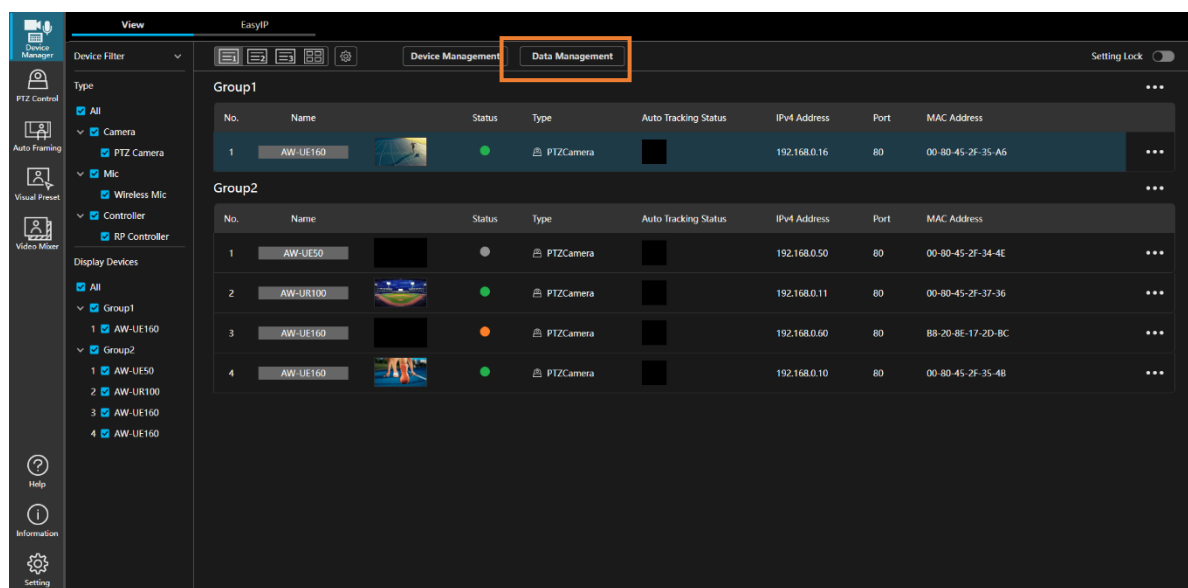
You can perform the copy operation on multiple devices simultaneously.

* Copying is limited to devices of the same model. Copying between different models is not possible.

* The device may restart after copying is complete.

Follow these steps to perform the operation:

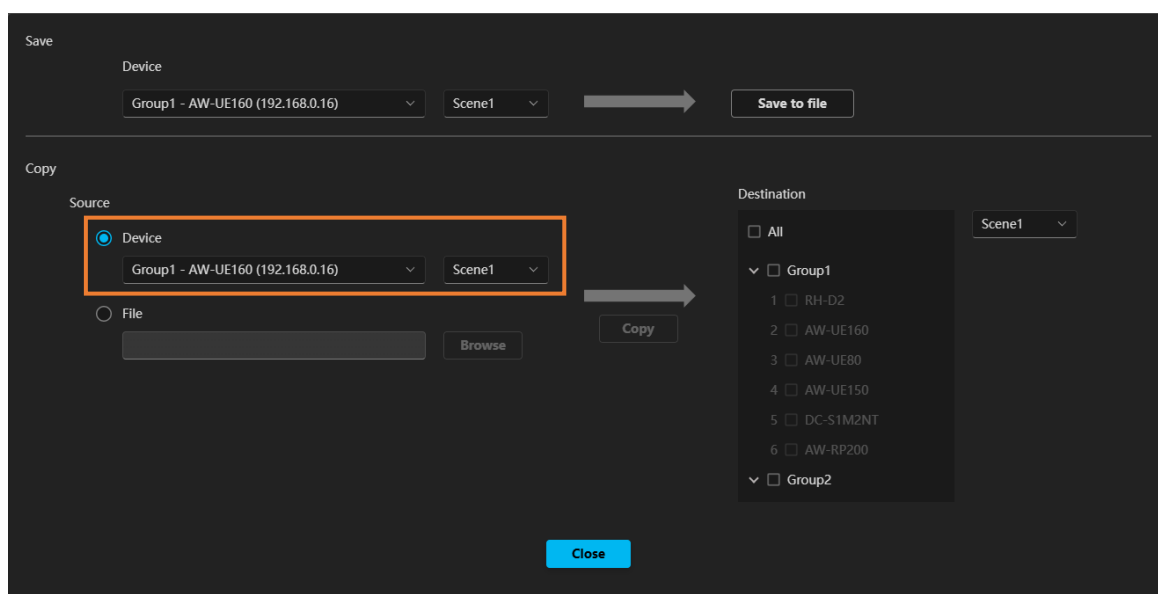
1. Click the [Data Management] button at the top of the screen.



2. The Config File Management screen will be displayed.

- When copying from a device

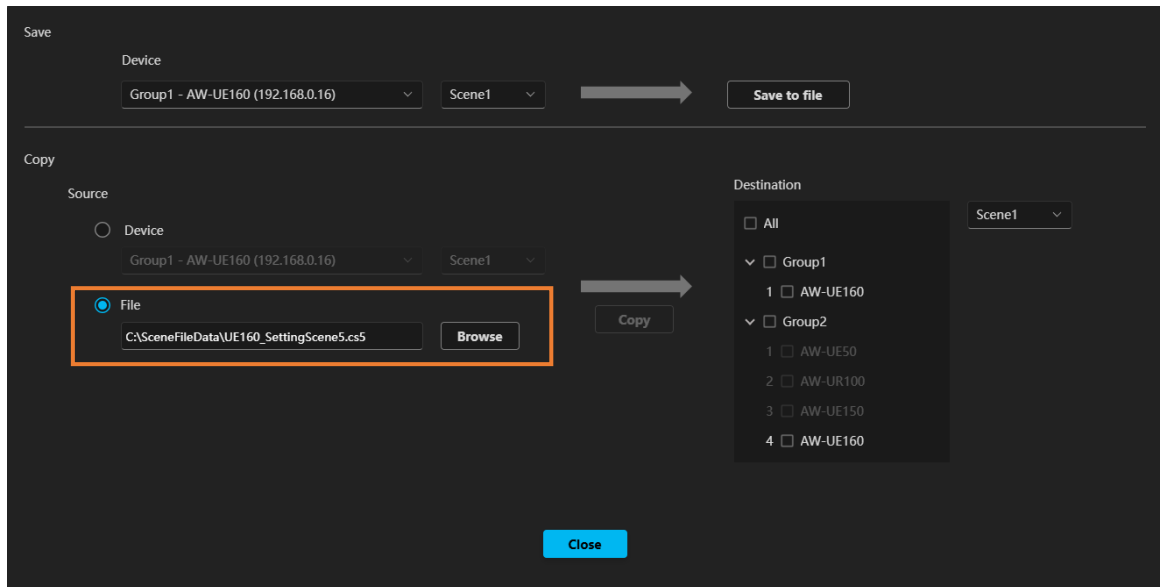
Select "Device" in the Source section of the Copy column and select the device and data to be copied.



- When copying from a file

Select "File" in the Source section of the Copy column and click the [Browse] button. A dialog box for selecting a file will be displayed. Select the saved configuration file and click the OK button.

* If a message appears asking for permission to open the SceneManagementWebProgram when you click the [Browse] button, please allow it.

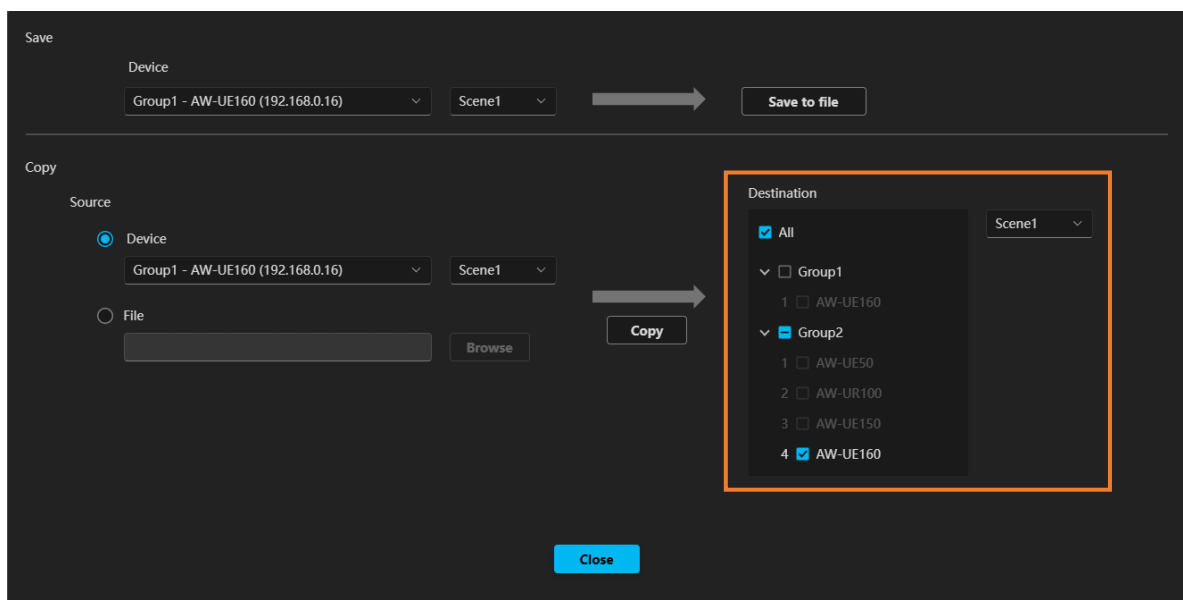


3. In the Destination section, select the device and data to be copied.

Select the device by turning on the check at the beginning of the device name in the tree.

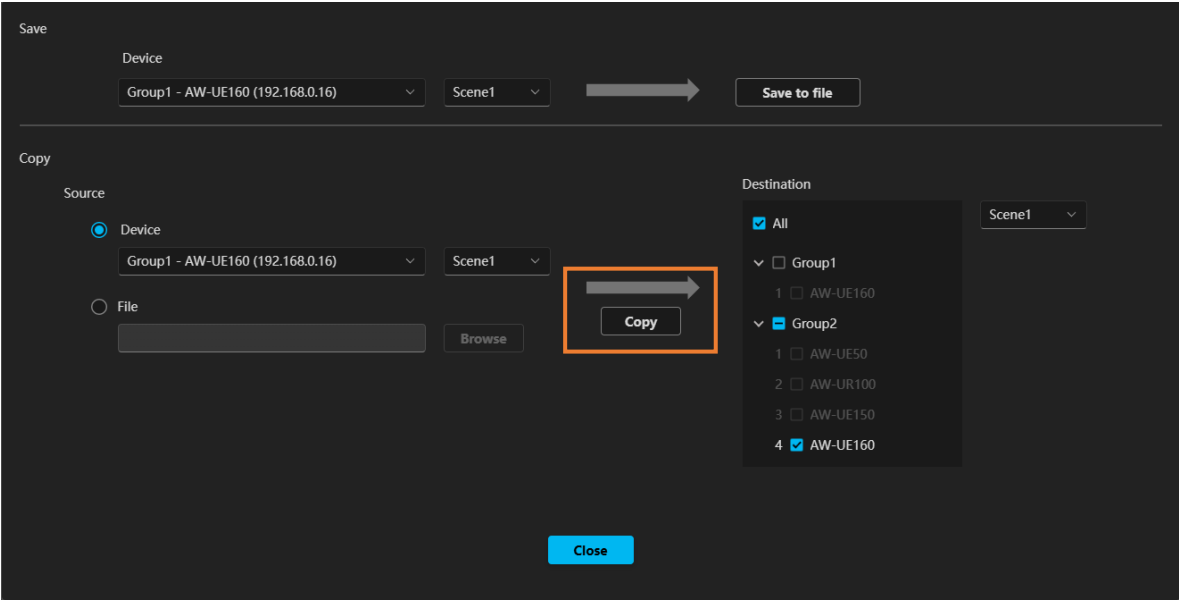
- Only devices of the same model as the source can be selected.
- If you check multiple devices, the data will be copied to multiple devices simultaneously.

Only data of the same type as the source can be selected.



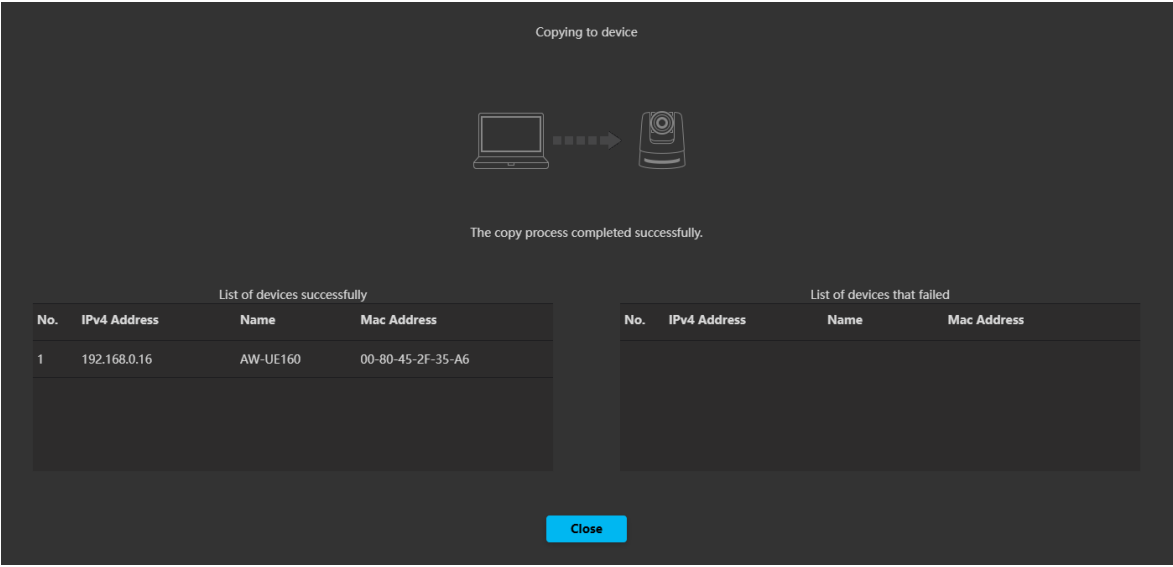
4. When you click the [Copy] button, a confirmation message to start copying will be displayed. Click OK to execute the copy.

Depending on the device and operating environment, it may take several minutes to complete the copy.



During and after copying, the following screen will be displayed.

Devices that have successfully completed the copy will be displayed in the [List of devices successfully], and devices that failed to complete the copy will be displayed in the [List of devices that failed].



Device Menu Operations

Displaying the Device Menu

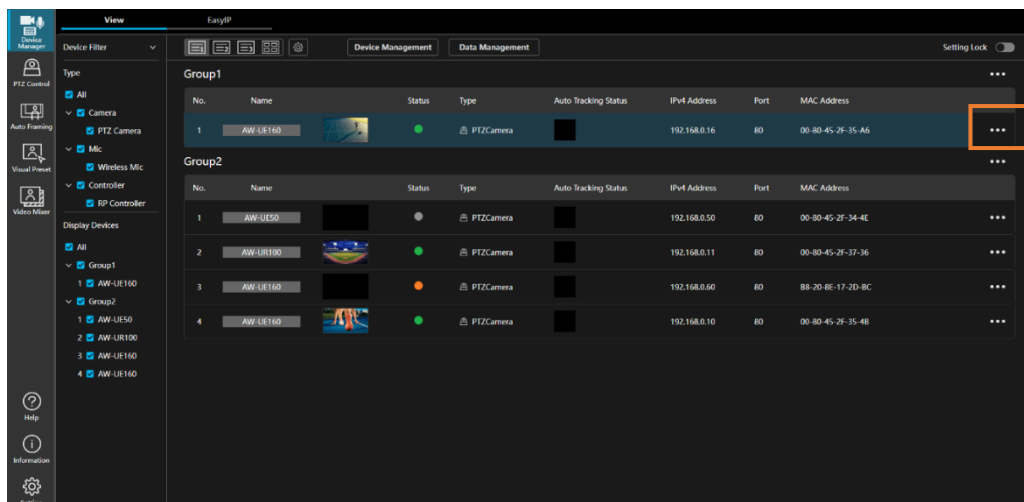
Operations on devices are performed from the device menu.

The device menu is displayed with the procedure below.

1. Select the relevant device on the View screen.
2. Click the device menu display button for the selected device.

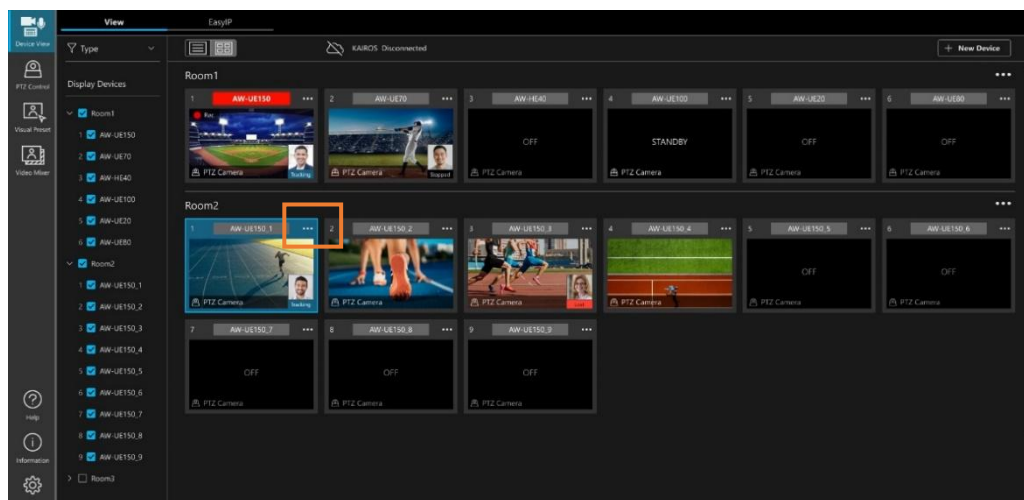
- In list display

Click the [...] button to the right of the device information.

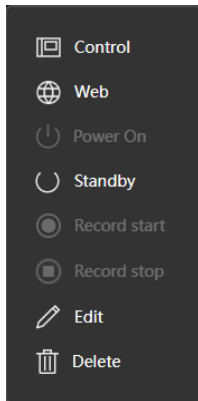


- In thumbnail display

Click the [...] button in the top right of the relevant thumbnail.

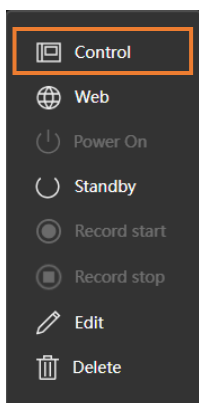


3. The device menu is displayed.



Opening the Device Operation Screen

1. Display the device menu as described earlier in the section “[Displaying the Device Menu](#).”
2. Select [Control] from the device menu.



3. An operation screen is displayed according to the type of the device selected.

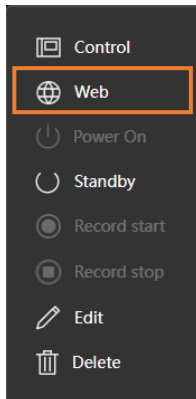
If the type of the device is PTZ camera, the PTZ Control function screen is displayed.

<NOTE>

- Some device types do not have an operation screen, so the screen may not change in some cases.

Opening the Web Screen for a Device

1. Display the device menu as described earlier in the section “[Displaying the Device Menu](#).”
2. From the device menu, select [Web].



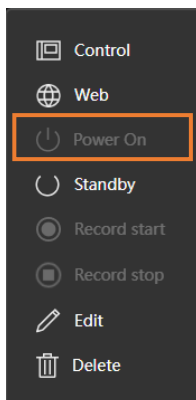
3. The web screen for the selected device is displayed in a web browser.

<NOTE>

- If a device does not have a web screen, the [Web] item is disabled and cannot be selected.

Switching a Device ON

1. Display the device menu as described earlier in the section “[Displaying the Device Menu](#).”
2. From the device menu, select [Power On].



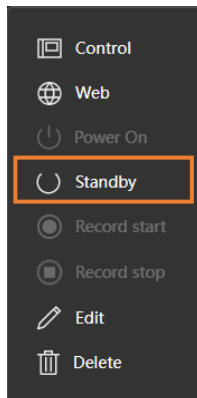
3. The selected device is switched ON.

<NOTE>

- If a device does not have a power management function, the [Power On] item is disabled and cannot be selected.
- Some device types allow you to specify the operations to be performed after a device is switched ON. For details, see “[Changing Device Information and Settings](#)“ in this section.

Setting a Device to Standby

1. Display the device menu as described earlier in the section “[Displaying the Device Menu](#).”
2. From the device menu, select [Standby].



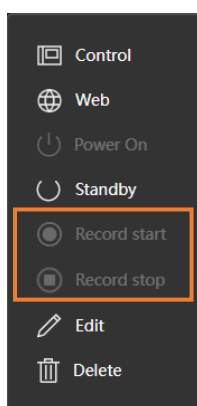
3. The selected device enters standby.

<NOTE>

- If a device does not have a power management function, the [Standby] item is disabled and cannot be selected.
- Some device types allow you to specify the operations to be performed before a device enters standby. For details, see “[Changing Device Information and Settings](#)” in this section.

Start/Stop Video Recording by a Device

1. Display the device menu as described earlier in the section “[Displaying the Device Menu](#).”
2. From the device menu, select [Record start] to start recording video, and select [Record stop] to stop recording video.



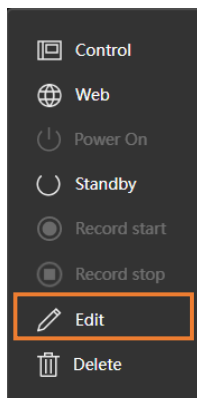
3. The selected device starts or stops recording video.

<NOTE>

- If a device does not have a video recording function, the [Record start] and [Record stop] items are disabled and cannot be selected.

Changing Device Information and Settings

1. Display the device menu as described earlier in the section “[Displaying the Device Menu](#).”
2. From the device menu, select [Edit].



3. The device settings screen is displayed.

You can switch between settings using the tabs at the top of the settings screen (available items vary depending on the device Type).

Make changes to the information and click the [OK] button to save them.

Device Info tab settings

The 'Edit Device' screen has two tabs: 'Device Info' (selected) and 'Video Source'. The 'Device Info' tab contains the following fields and options:

- 1) Group: Group1
- 2) Type: PTZ Camera
- 3) Name: AW-UE160
- 4) IP Address: 192.168.0.16
- 5) HTTP Port: 80
- 3) TCP Port: (empty)
- 7) User Name: admin
- 8) Password: (masked with dots)
- 9) Preset Color: A row of color swatches with 'Dark Blue (Default)' selected.
- 10) Operation: After Power ON
 - ☒ Facing the front
 - ☐ Move to preset position (Preset1)
 - ☐ Do nothing
- Before Standby
 - ☒ Facing the front
 - ☐ Move to preset position (Preset1)
 - ☐ Do nothing
- 11) Auto Tracking Setting >
- 12) OK and Cancel buttons at the bottom.

1) Group

Select the group that a device belongs to.

2) Type

Display the type for the device.

3) Name

Specify the display name of the device.

4) IP Address

Display the IPv4 address of the device.

5) HTTP Port

Display the HTTP port number of the device.

6) TCP Port

Display the TCP port number of the device.

7) User Name

Specify the account name for the device.

8) Password

Specify the password for the device.

9) Preset Color

Specify the color for the display of presets registered with the PTZ Control function of this software.

10) Operation

- After Power ON

Select the operation to be performed after a PTZ camera is switched ON with this software.

Facing the front: Point the camera forward.

Move to the preset position: Call the specified preset number.

Do nothing: Do not perform any actions.

- Before Standby

Select the operation to be performed before a PTZ camera enters standby when it is set to standby with this software.

Facing the front: Point the camera forward.

Move to the preset position: Call the specified preset number.

Do nothing: Do not perform any actions.

11) Auto Tracking Setting

The auto tracking setting screen will be displayed.

12) [OK]/[Cancel] button

Click the [OK] button to save the changes and close this screen.

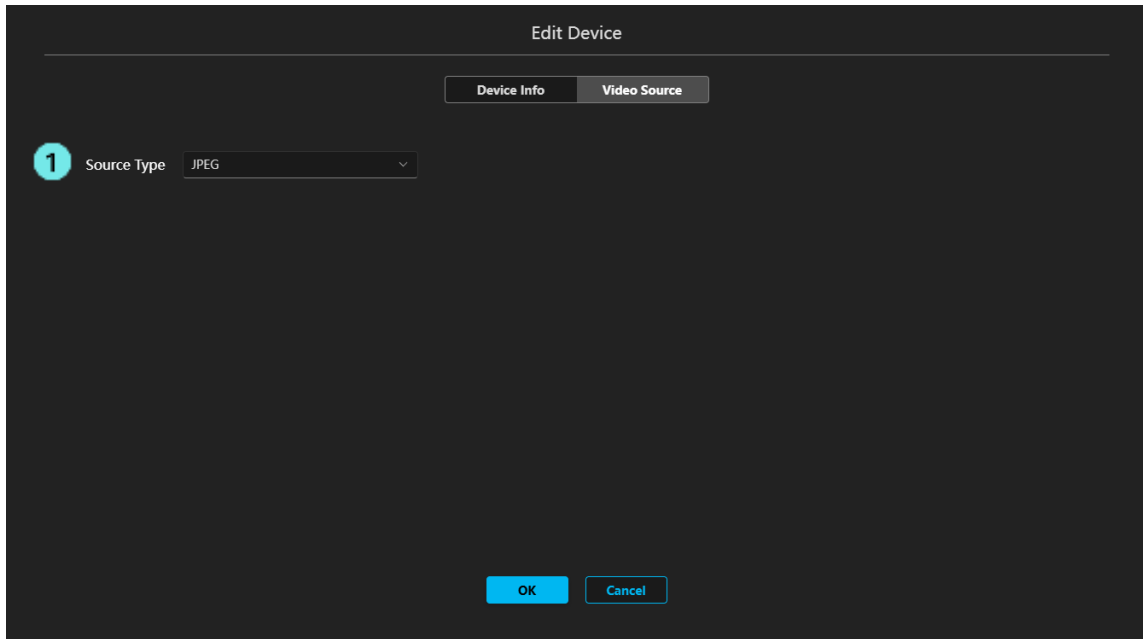
Click the [Cancel] button to discard the changes and close this screen.

<NOTE>

- 2), 4), 5) and 6) are only displayed and cannot be configured.
- 9) through 11) are only displayed when the type of the device is PTZ Camera.
- For details on the PTZ Control function, refer to the PTZ Control function operation manual. To display the PTZ Control function operation manual, click the [Help] button and select [PTZ Control] from the menu.

Video Source tab settings

This setting item can be selected only when the device Type is PTZ Camera.



1) Source Type

Select the method used to acquire video from the camera when using the PTZ Control function or the Auto Framing function.

JPEG: Acquire JPEG images from the camera one frame at a time.

This reduces the network bandwidth used for video acquisition; however, because HTTP requests are issued more frequently, it may be blocked by firewall software depending on the operating environment.

Motion JPEG: Acquire JPEG images as a video stream.

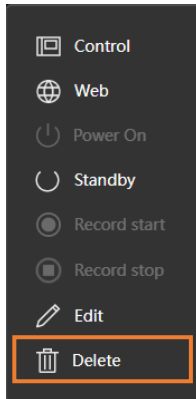
This increases the network bandwidth used for video acquisition; however, because HTTP requests are issued less frequently, it is less likely to be blocked by firewall software.

<NOTE>

If you experience issues such as the camera video freezing or the camera becoming unresponsive while using the PTZ Control function or Auto Framing function, changing this setting to Motion JPEG may improve the situation.

Deleting a Device

1. Display the device menu as described earlier in the section “[Displaying the Device Menu](#).”
2. From the device menu, select [Delete].



3. A message confirming that you wish to continue with deletion is displayed. Click the [OK] button to delete the selected device.

Group Menu Operations

Displaying the Group Menu

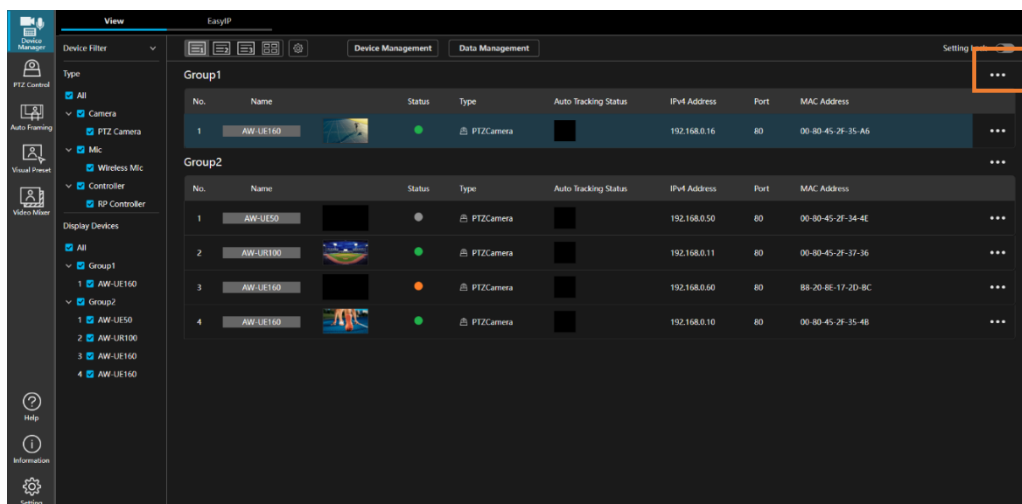
Operations on groups are performed from the group menu.

The group menu is displayed with the procedure below.

1. On the View screen, click the group menu display button to the right of the relevant group name.

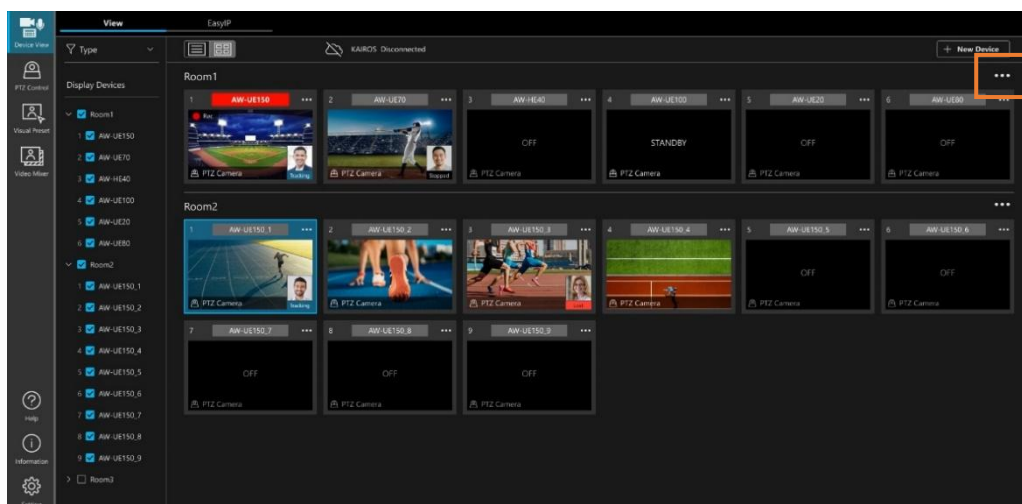
- In list display

Click the [...] button to the right of the group name.

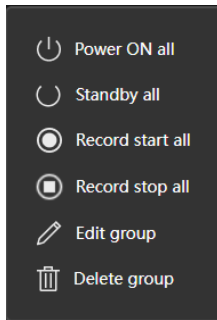


- In thumbnail display

Click the [...] button to the right of the group name.

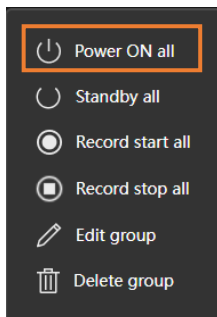


2. The group menu is displayed.



Switching ON all Devices in a Group

1. Display the group menu as described earlier in the section “[Displaying the Group Menu](#).”
2. From the group menu, select [Power ON all].



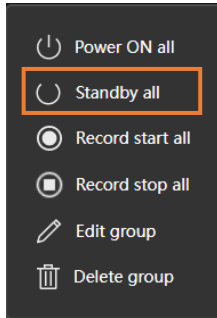
3. All Devices in the group are switched ON.

<NOTE>

- If there is a device without a power management function in the group, no operations are performed on the device.
- Some device types allow you to specify the operations to be performed after a device is switched ON. For details, see “[Changing Device Information and Settings](#)” in this section.

Setting all Devices in a Group to Standby

1. Display the group menu as described earlier in the section “[Displaying the Group Menu](#).”
2. From the group menu, select [Standby all].



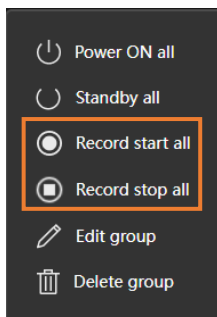
3. All devices in the group enter standby.

<NOTE>

- If there is a device without a power management function in the group, no operations are performed on the device.
- Some device types allow you to specify the operations to be performed before a device enters standby. For details, see “[Changing Device Information and Settings](#)” in this section.

Starting/Stopping Video Recording for all Devices in a Group

1. Display the group menu as described earlier in the section “[Displaying the Group Menu](#).”
2. From the group menu, select [Record start all] to start recording video, and select [Record stop all] to stop recording video.



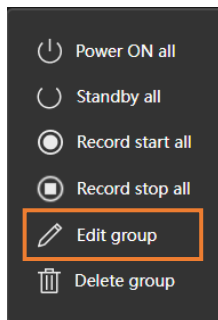
3. All devices in the group start/stop recording video.

<NOTE>

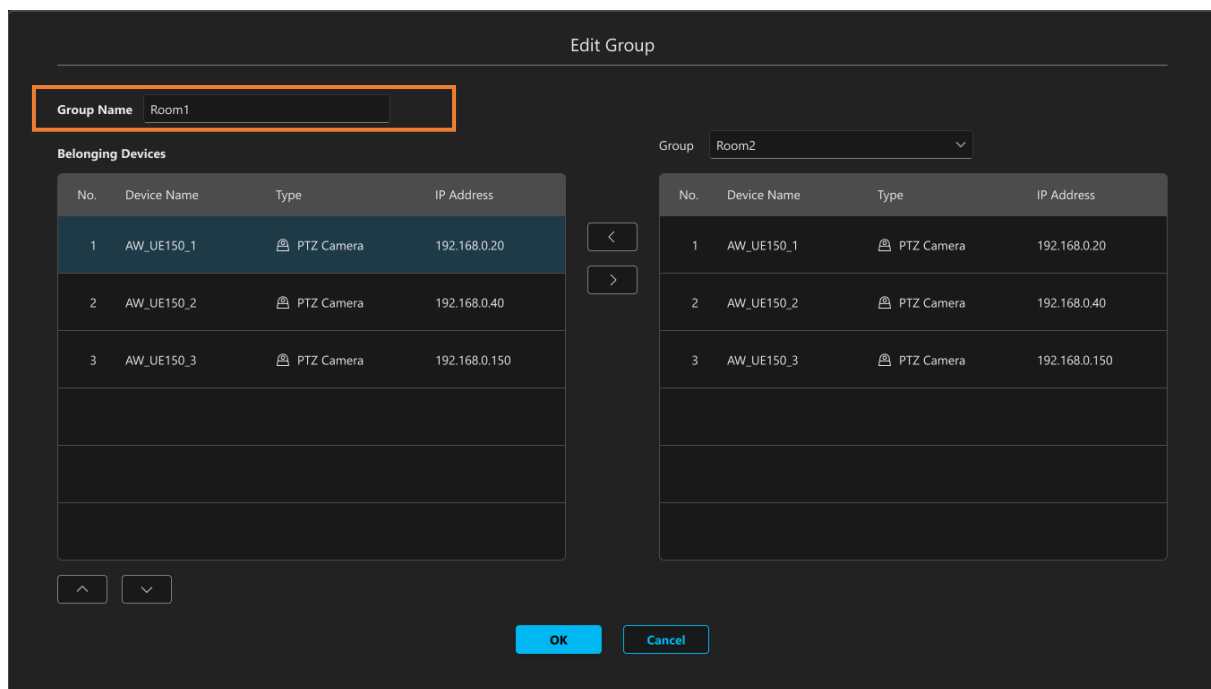
- If there is a device without a video recording function in the group, no operations are performed on the device.

Changing a Group Display Name

1. Display the group menu as described earlier in the section “[Displaying the Group Menu](#).”
2. From the group menu, select [Edit group].



3. The group setting screen is displayed.
Change the group display name in the [Group Name] field.

The 'Edit Group' screen has a dark background. At the top, the title 'Edit Group' is centered. Below it, the 'Group Name' field contains 'Room1' and is highlighted with an orange border. To the right, there is a 'Group' dropdown menu currently showing 'Room2'. Below these fields are two tables under the heading 'Belonging Devices'. Each table has columns for 'No.', 'Device Name', 'Type', and 'IP Address'. Both tables contain three rows of data for PTZ cameras with IP addresses 192.168.0.20, 192.168.0.40, and 192.168.0.150. Between the tables are left and right arrow buttons. At the bottom left are up and down arrow buttons. At the bottom center are 'OK' and 'Cancel' buttons.

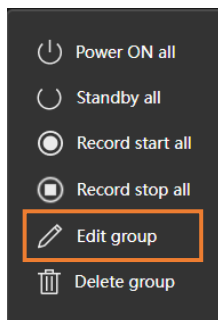
No.	Device Name	Type	IP Address
1	AW_UE150_1	PTZ Camera	192.168.0.20
2	AW_UE150_2	PTZ Camera	192.168.0.40
3	AW_UE150_3	PTZ Camera	192.168.0.150

No.	Device Name	Type	IP Address
1	AW_UE150_1	PTZ Camera	192.168.0.20
2	AW_UE150_2	PTZ Camera	192.168.0.40
3	AW_UE150_3	PTZ Camera	192.168.0.150

4. Click the [OK] button to save the changes.

Changing the Device Display Order in a Group

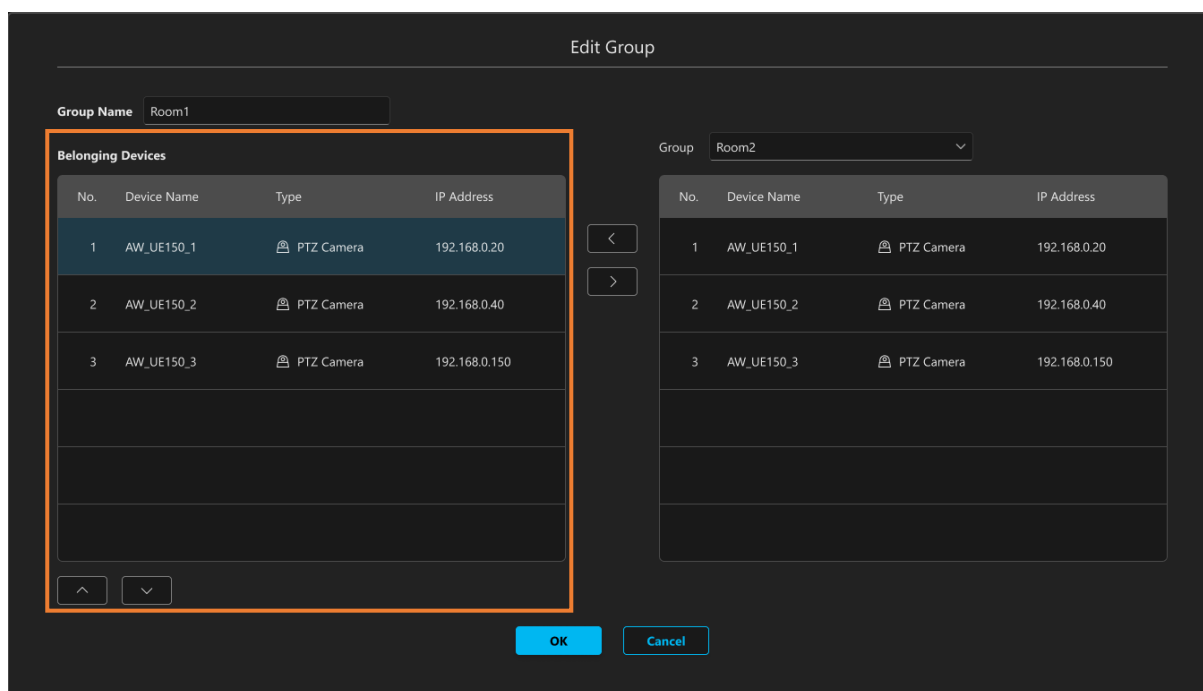
1. Display the group menu as described earlier in the section “[Displaying the Group Menu](#).”
2. From the group menu, select [Edit group].



3. The group setting screen is displayed.

The [Belonging Devices] area shows a list of devices that belong to the relevant group.

Select a device in the [Belonging Devices] area, and then click the up and down buttons beneath the [Belonging Devices] field to change the display order of devices.



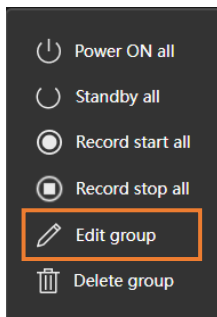
4. Click the [OK] button to save the changes.

<NOTE>

You can also change the order of device display by dragging and dropping devices in the list view.

Moving Devices in a Group to Another Group

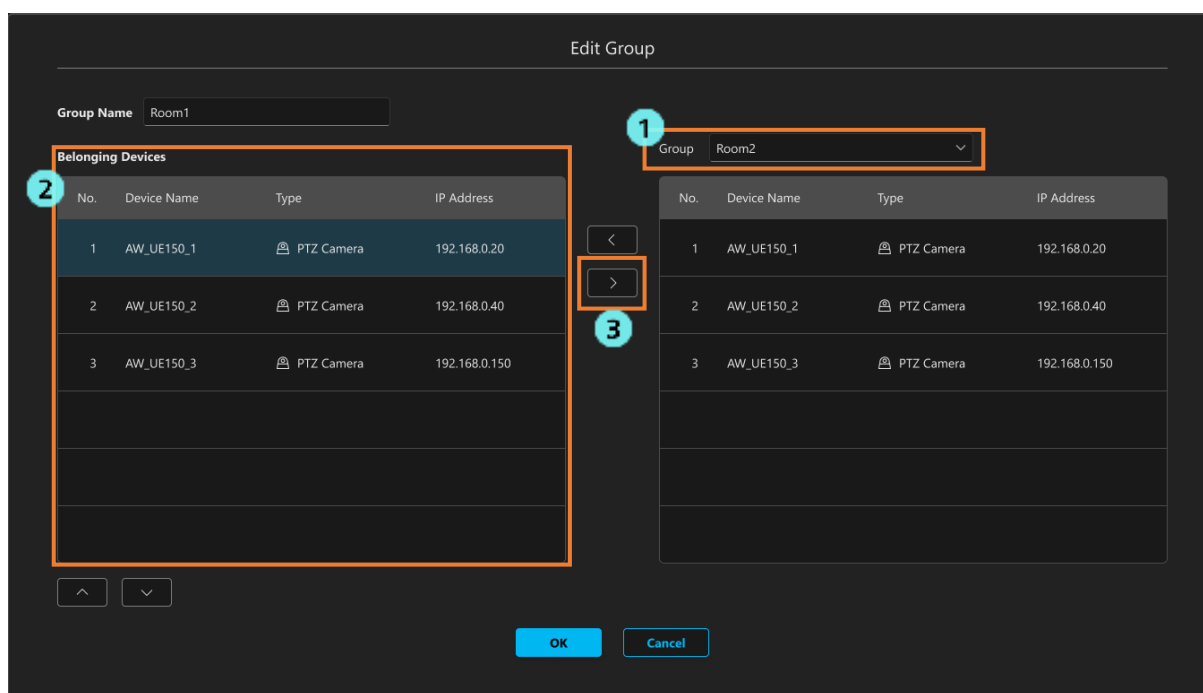
1. Display the group menu as described earlier in the section “[Displaying the Group Menu](#).”
2. From the group menu, select [Edit group].



3. The group setting screen is displayed.

The [Belonging Devices] area shows a list of devices that belong to the relevant group.

The [Group] area on the right of the screen displays the devices that belong to the group selected in the drop down list.



You can move devices with the operations below.

- 1) Select the group to which a device is to be moved from the drop down list next to [Group].
- 2) In the [Belonging Devices] area, select the device that you wish to move.
- 3) Click the [>] button in the center of the settings screen to move the device to the group selected in the drop down list next to [Group].

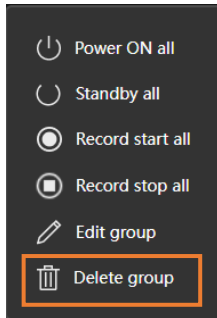
<NOTE>

- Selecting a device in the [Group] area and clicking the [<] button in the center of the settings screen allows you to move the device from the [Group] area to the [Belonging Devices] area.

4. Click the [OK] button to save the changes.

Deleting a Group

1. Display the group menu as described earlier in the section “[Displaying the Group Menu](#).”
2. From the group menu, select [Delete group].



3. A message confirming that you wish to continue with deletion is displayed. Click [OK] to delete the selected group and all devices that belong to the group.

Built-in EasyIP Setup Tool Plus Functionality

Main Functions

1. Device detection/information display

This function detects devices that support EasyIP on a network. It can also display settings information for a device, such as MAC address and IPv4 address.

2. Identify

In the case of a PTZ camera, it can make the power light of the specified camera flash rapidly.

3. Network Settings

This function enables you to change the network settings information for a specified device.

4. Web GUI

This function enables you to switch to the web screen of a specified device.

5. Auto IP

This function enables you to allocate consecutive IP addresses to specified devices.

6. Administrator Registration

This function enables you to register an administrator account for a specified device.

7. Firmware Update

This function enables you to update the firmware version of connected devices.

8. Activation

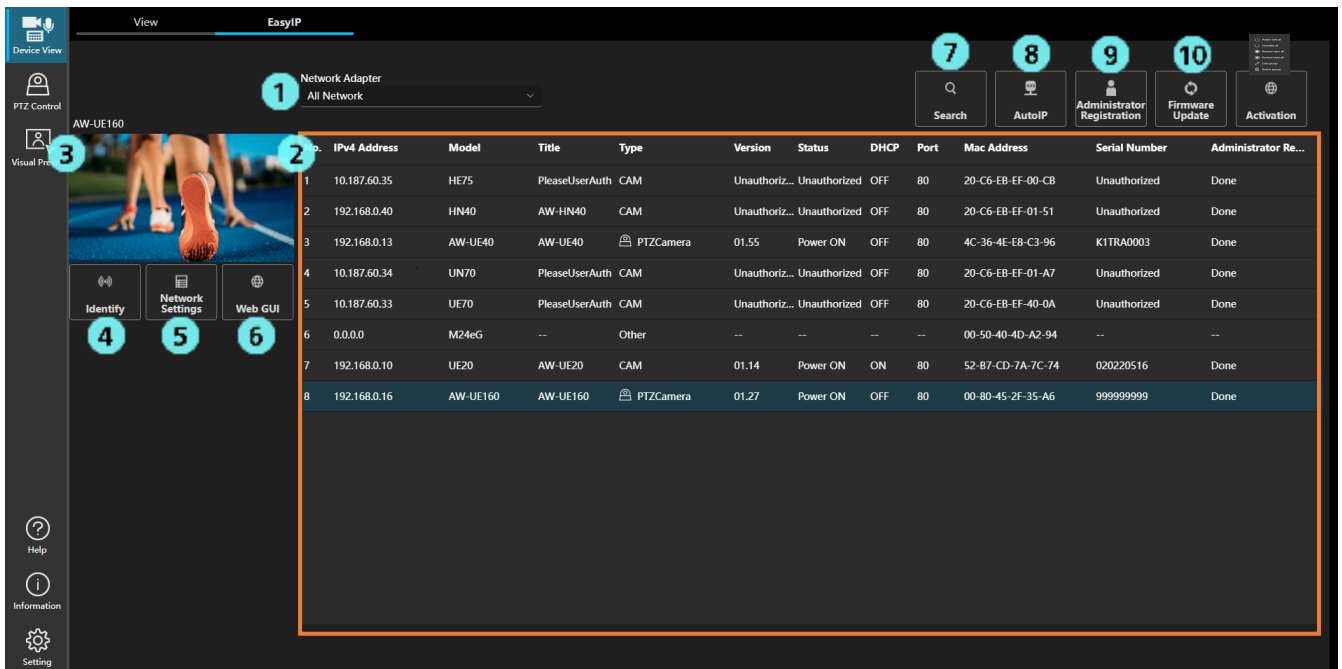
This function enables you to activate different types of paid licenses.

<NOTE>

- When the device is a Box Style Camera AW-UB10 or AW-UB50, only the Network Settings function and Administrator Registration function are available.

Screen Explanation

Main Screen



1. Network selection

This enables you to specify the network to be used in a search.

2. Device list display

This shows a list of devices detected by searching the network.

3. Camera video display

In the case of a PTZ camera, video from a specified camera can be displayed here.

*If the camera's user authentication is ON, no video can be acquired.

4. Identify

In the case of a PTZ camera, this can make the power light of the specified camera flash rapidly.

5. Network Settings

This enables you to change the network settings information for a specified device.

6. Web GUI

This enables you to display the web screen of a specified device.

7. Search

This performs a search for and detects devices on the network.

8. Auto IP

This enables you to allocate consecutive IP addresses to specified devices.

9. Administrator Registration

This enables you to register an administrator account for a specified device.

10. Firmware Update

This enables you to update the firmware of a specified device.

11. Activation

This enables you to activate different types of paid licenses.

Device List Display

- IPv4 Address

Indicates the IPv4 address of a device.

You can switch the order of the device list into ascending or descending order of IPv4 address by clicking [IPv4 Address].

- Model

Indicates the model of a device.

You can rearrange the device list so that the devices shown are organized by model by clicking [Model].

- Title

Indicates the title of a device.

You can switch the order of the device list into ascending or descending order of title by clicking [Title].

- Category

Indicates the category of a device.

In the case of a camera, “CAM” is displayed.

You can rearrange the device list so that the devices shown are organized by category by clicking [Category].

- FW Version

Indicates the firmware version of the device.

*If the device’s user authentication is ON, no information can be acquired.

- Status

Indicates the status of the device.

PowerON: Power is ON Standby: Device is on standby

*If the device’s user authentication is ON, no information can be acquired.

You can rearrange the device list so that the devices shown are organized by status by clicking [Status].

- DHCP

Displays the network settings information for a device.

ON: DHCP allocation OFF: Fixed IP allocation

You can rearrange the device list so that the devices shown are organized by DHCP by clicking [DHCP].

- Port

Indicates the port number of the device.

You can switch the order of the device list into ascending or descending order of port number by clicking [Port].

- MAC Address

Indicates the MAC address of a device.

- Serial Number

Indicates the serial number of the device.

*If the device's user authentication is ON, no information can be acquired.

- Administrator Registration

Displays the settings information for the administrator account.

Done: Configured None: Not yet configured

You can rearrange the device list so that the devices shown are organized by administrator registration by clicking [Administrator Registration].

- IPv6 Address

Indicates the IPv6 address of a device.

You can switch the order of the device list into ascending or descending order of IPv6 Address by clicking [IPv6 Address].

- Switch to web screen

Double click to switch to the web screen of a specified device.

<NOTE>

- Messages displayed when information cannot be obtained

Unsupported: This device does not support the acquisition of information.

Unauthorized: No information can be acquired because the device's user authentication is ON.

--: Operation of this device is not supported.

Identify Function

This function makes the power light of the specified PTZ camera flash rapidly.

How to use this function

1. Select a camera from the device list.
2. Click the [Identify] button.
3. The power light of the camera flashes rapidly.

<NOTE>

- The Identify function cannot be used with any camera once 20 minutes have elapsed since it was switched on.
If you wish to use this function after 20 minutes have elapsed, in the camera network settings, set [Easy IP Setup accommodate period] to "Unlimited."
- Devices other than PTZ cameras may not support the function of this button.

Network Settings Function

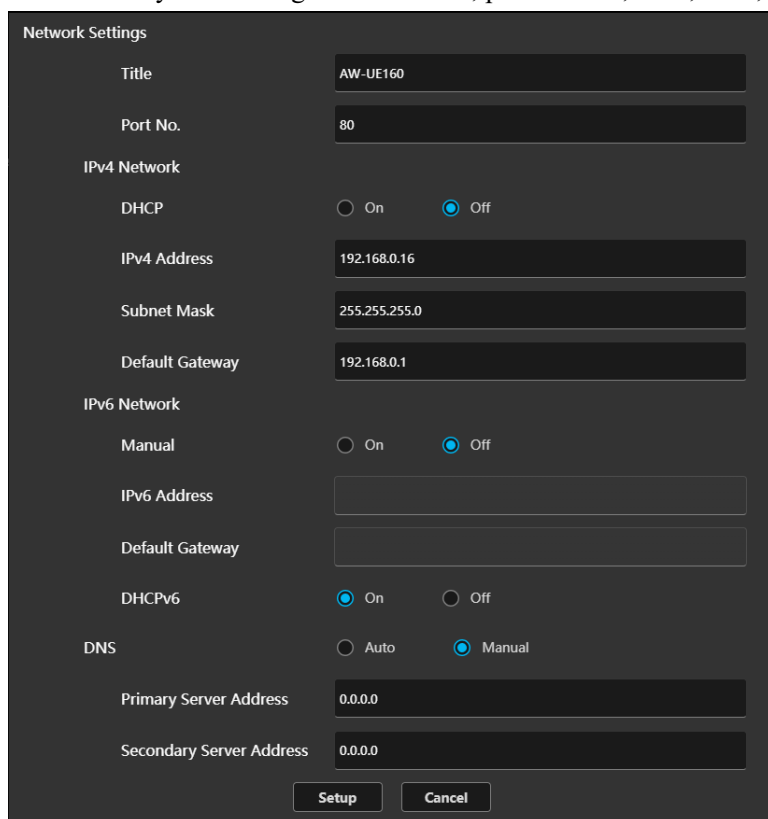
This function enables you to change the network settings information for a specified device.

How to use this function

*The type of display depends on the model of device.

- Display type (1)

This enables you to configure device title, port number, IPv4, IPv6, and DNS settings.

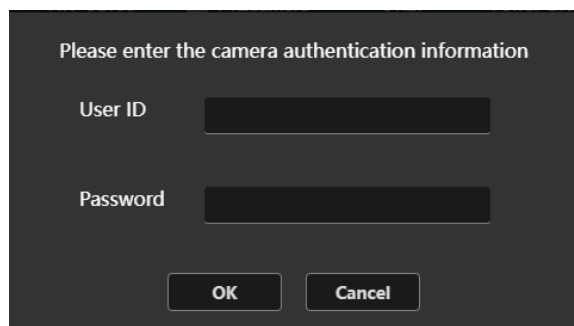


The screenshot shows a 'Network Settings' window with the following fields and options:

- Title:** Text field containing 'AW-UE160'.
- Port No.:** Text field containing '80'.
- IPv4 Network:**
 - DHCP:** Radio buttons for 'On' and 'Off'. 'Off' is selected.
 - IPv4 Address:** Text field containing '192.168.0.16'.
 - Subnet Mask:** Text field containing '255.255.255.0'.
 - Default Gateway:** Text field containing '192.168.0.1'.
- IPv6 Network:**
 - Manual:** Radio buttons for 'On' and 'Off'. 'Off' is selected.
 - IPv6 Address:** Empty text field.
 - Default Gateway:** Empty text field.
 - DHCPv6:** Radio buttons for 'On' and 'Off'. 'On' is selected.
- DNS:**
 - Auto:** Radio buttons for 'Auto' and 'Manual'. 'Manual' is selected.
 - Primary Server Address:** Text field containing '0.0.0.0'.
 - Secondary Server Address:** Text field containing '0.0.0.0'.

At the bottom are 'Setup' and 'Cancel' buttons.

1. Modify the network settings information.
2. Click the [Setup] button to start configuration.
3. Enter the user ID and password for the device.



The screenshot shows a dialog box titled 'Please enter the camera authentication information' with the following fields and buttons:

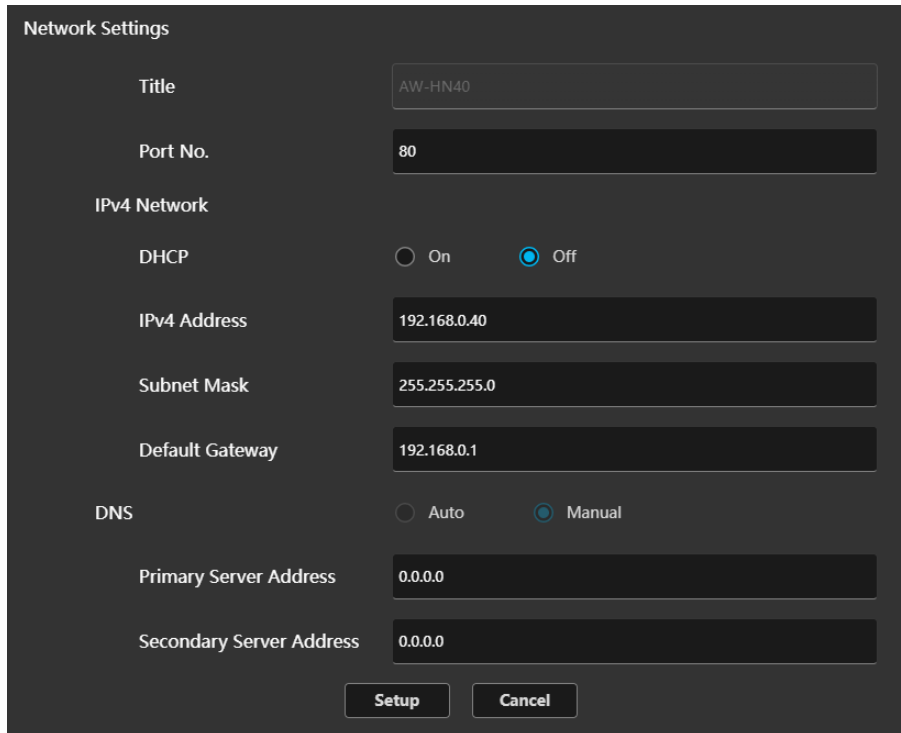
- User ID:** Text field.
- Password:** Text field.
- OK:** Button.
- Cancel:** Button.

4. If configuration is successful, "Setup Camera Successfully" is displayed.
5. If configuration is unsuccessful, "Fail to Setup Camera" is displayed.

- Display type (2)

This enables you to configure port number, IPv4, and DNS settings.

*Device title cannot be configured.



The screenshot shows a 'Network Settings' window with a dark theme. It contains several input fields and radio buttons for configuring network parameters. The 'Title' field is disabled and shows 'AW-HN40'. The 'Port No.' field is set to '80'. Under the 'IPv4 Network' section, 'DHCP' is set to 'Off', and the 'IPv4 Address' is '192.168.0.40'. The 'Subnet Mask' is '255.255.255.0' and the 'Default Gateway' is '192.168.0.1'. Under the 'DNS' section, 'Manual' is selected, with both 'Primary Server Address' and 'Secondary Server Address' set to '0.0.0.0'. At the bottom are 'Setup' and 'Cancel' buttons.

Field	Value
Title	AW-HN40
Port No.	80
IPv4 Network	
DHCP	Off
IPv4 Address	192.168.0.40
Subnet Mask	255.255.255.0
Default Gateway	192.168.0.1
DNS	
DNS Mode	Manual
Primary Server Address	0.0.0.0
Secondary Server Address	0.0.0.0

1. Modify the network settings information.
2. Click the [Setup] button to start configuration.
3. If configuration is successful, "Setup Camera Successfully" is displayed.
4. If configuration is unsuccessful, "Fail to Setup Camera" is displayed.

<NOTE>

- The Identify function cannot be used with any device once 20 minutes have elapsed since it was switched on.

If you wish to use this function after 20 minutes have elapsed, in the device network settings, set [Easy IP Setup accommodate period] to "Unlimited."

Auto IP Function

This enables you to allocate consecutive IP addresses to specified devices.

It also enables you to switch DHCP settings in batches.

Auto IP

All Network

☐	N...	IPv4 Address	Model	Title	Type	Version	Status	DH...	Port	Mac Address
☐	1	192.168.0.40	HN40	AW-HN40	CAM	Unauth...	Unauthor...	OFF	80	20-C6-EB-EF-01-51
☐	2	192.168.0.16	AW-UE160	AW-UE160	PTZCamera	01.27	Power ON	OFF	80	00-80-45-2F-35-A6
☐	3	192.168.0.13	AW-UE40	AW-UE40	PTZCamera	01.55	Power ON	OFF	80	4C-36-4E-E8-C3-96
☐	4	192.168.0.10	UE20	AW-UE20	CAM	01.14	Power ON	ON	80	52-B7-CD-7A-7C-74

DHCP ☐ On ☒ Off

Auto IP Start Address

Option ^

Subnet Mask

Default Gateway

Port No.

DNS ☐ Auto ☒ Manual

Primary Server Address

Secondary Server Address

How to use this function

1. Check the checkbox next to the device(s) you wish to configure. *You can select multiple devices.
2. Select DHCP [On]/[Off].
3. Enter the address in [Auto IP Start Address].

- If DHCP is [Off]

Enter the starting address for IP address allocation in [Auto IP Start Address].

Ex) In the case of 192.168.0.10, IP addresses will be allocated in the following order starting from the top of the list.

192.168.0.10, 192.168.0.11, 192.168.0.12...

* Subnet mask, default gateway, port number, and DNS can be optionally configured under [Option]. If an optional setting is configured, this will be applied to all devices.

- If DHCP is [On]

No address can be entered in [Auto IP Start Address] if DHCP is set to [On] for the device.

4. Click the [Setup] button to begin configuring settings, starting from the top of the list.
5. If configuration is successful, a list of successfully configured devices is displayed.
6. If configuration is unsuccessful, a list of devices for which configuration failed is displayed.

<NOTE>

- The Identify function cannot be used with any device once 20 minutes have elapsed since it was switched on.

If you wish to use this function after 20 minutes have elapsed, in the camera network settings, set [Easy IP Setup accommodate period] to "Unlimited."

Administrator Registration Function

This function enables you to register an administrator account for a device.

The device list only shows devices for which no administrator account is registered.

Administrator Registration

☐	No.	IPv4 Address	Model	Title	Type	Version	Status	DHCP	Port	Mac Address
☐	1	192.168.0.10	AW-UE160	AW-UE160	PTZCamera	01.27	Power ON	OFF	80	00-80-45-2F-35-A6

User ID

Password

Password(Confirm)

Note

- User name can be set from 1 to 32 characters.
- Password can be set from 4 to 32 characters. (8 or more characters recommended)
- Distinguish between upper and lower cases.
- For the password, it is recommend to use three or more types of characters from the following.
 - upper case alphabetic
 - lower case alphabetic
 - numbers
 - symbols(!#\$% '()*+,-./?:@[]^_`~)
- Set the password which does not include the user name.
- It is recommended to change the password periodically.

Setup

Cancel

How to use this function

1. Check the checkbox of the device(s) for which an administrator account is to be registered.
 - *You can select multiple devices.
 - *Settings cannot be configured if there are any devices that have the same IP address.
Change the IP address of the device by using the Network Settings or Auto IP function.
2. Enter a user name and password.
3. Click the [Setup] button to begin registration.
4. If registration is successful, a list of successfully registered devices is displayed.
5. If registration is unsuccessful, a list of devices for which registration failed is displayed.

<NOTE>

- It is not possible to register an administrator account if a device already has a registered administrator account.

Firmware Update Function

This function enables you to update the firmware version of connected devices.

Firmware Update

☒ Auto ☐ Manual

☐	No.	IPv4 Address	Model	Title	Version	Latest Version	Mac Address	User ID	Password	Firmware File
☐	1	192.168.0.10	UE20	AW-UE20	01.14	01.22	52-B7-CD-7A-7C-74			Select

Batch Input

User ID: Password: Firmware File:

The [Latest Version] field indicates the latest firmware version for the device.
This is only displayed when the server PC is connected to the internet.

How to use this function

- Update Method: Auto

Firmware Update

☒ Auto ☐ Manual

☐	No.	IPv4 Address	Model	Title	Version	Latest Version	Mac Address	User ID	Password	Firmware File
☐	1	192.168.0.10	UE20	AW-UE20	01.14	01.22	52-B7-CD-7A-7C-74			Select

Batch Input

User ID: Password: Firmware File:

The app performs everything from firmware file download to device firmware version update. The device list only shows devices that need to be updated to the latest version of firmware.
*In order to use auto update, the server PC must be connected to the internet.

Version update procedure

1. Check the checkbox of the device(s) for which version update is to be started.

* You can select multiple devices.

* Update cannot be processed if there are any devices that have the same IP address.

Change the IP address of the device by using the Network Settings or Auto IP function.

2. Enter the user ID and password for each device.

Batch input: Enter values in the [Batch Input] area and press the [Input] button.

You can enter the user ID and password for the selected devices.

Press delete to clear the user ID and password for the selected devices.

Individual input: Enter the user ID and password for each device.

3. Press the [Update] button to start updating the firmware to the latest version.

*Once version update is started, you cannot perform any other operations with the EasyIP function.

4. If version update is completed successfully, a list of successfully updated devices is displayed.

5. If version update is unsuccessful, a list of devices for which update failed is displayed.

• Update Method: Manual

The screenshot shows the 'Firmware Update' window with the 'Manual' update method selected. It contains a table of devices with columns for selection, number, IP address, model, title, version, latest version, MAC address, user ID, password, and firmware file. Below the table is a 'Batch Input' section with fields for user ID, password, and firmware file, along with 'Input', 'Delete', 'Setup', and 'Cancel' buttons.

☐	No.	IPv4 Address	Model	Title	Version	Latest Version	Mac Address	User ID	Password	Firmware File
☐	1	192.168.0.16	AW-UE160	AW-UE160	01.27	01.27	00-80-45-2F-35-A6			Select
☐	2	10.187.60.33	UE70	PleaseUserAuth	--	02.10	20-C6-EB-EF-40-0A			Select
☐	3	192.168.0.40	HN40	AW-HN40	--	02.10	20-C6-EB-EF-01-51			Select
☐	4	10.187.60.35	HE75	PleaseUserAuth	--	02.10	20-C6-EB-EF-00-CB			Select
☐	5	10.187.60.34	UN70	PleaseUserAuth	--	02.10	20-C6-EB-EF-01-A7			Select
☐	6	192.168.0.13	AW-UE40	AW-UE40	01.65	01.55	4C-36-4E-E8-C3-96			Select
☐	7	192.168.0.10	UE20	AW-UE20	--	01.22	52-B7-CD-7A-7C-74			Select

Batch Input

User ID: Password: Firmware File:

Manually updating firmware involves selecting the firmware file on the PC and running the update.

The device list only shows devices for which firmware can be updated.

Notes

- The procedure for version update needs to be performed on a Windows PC. It cannot be performed on a Mac or iPad.
- When performing an update from a client PC, a tool for client PC must be installed on the PC in advance.

Please download and install it from our website (https://www.pass.panasonic.co.jp/pro-av/support/content/download/EN/ep2main/mps_client_tool_e.htm).

Version update procedure

1. Check the checkbox of the device(s) for which version update is to be started.

* You can select multiple devices.

* Update cannot be processed if there are any devices that have the same IP address.

Change the IP address of the device by using the Network Settings or Auto IP function.

2. Enter the user ID and password for each device.

Batch input: Enter values in the [Batch Input] area and press the [Input] button.

You can enter the user ID and password for the selected devices.

Press delete to clear the user ID and password for the selected devices.

Individual input: Enter the user ID and password for each device.

3. Select the firmware file.

Batch input: Click the [Select] button in the Batch Input area and a message confirming that you wish to open the tool for firmware update will be displayed. Select [Open]. The tool for firmware update will start. Then, click the [Input] button → select a firmware file → click the [Upload] button.

The selected firmware file will appear in the field on the GUI after performing the upload.

Next, press the [Input] button to enter the firmware file for the selected device.

Press the [Delete] button to clear the firmware file for the selected device.

Individual input: Click the [Select] button for a device in the device display list and a message confirming that you wish to open a tool for firmware update will be displayed. Select [Open]. The tool for firmware update will start. Then, click the [Input] button → select a firmware file → click the [Upload] button.

The selected firmware file will appear in the field on the GUI after performing the upload.

4. Press the [Update] button to start updating the firmware of the selected device.

*Once version update is started, you cannot perform any other operations with the EasyIP function.

5. If version update is completed successfully, a list of successfully updated devices is displayed.

6. If version update is unsuccessful, a list of devices for which update failed is displayed.

Activation Function

This function enables you to activate paid licenses for devices.
*This function can only be used when the server PC is connected to the internet.

This function enables you to activate the following licenses.

- NDI|HX
- MoIP (SMPTE ST 2110)

■NDI|HX license activation

Select [NDI|HX] in the license selection box in the top left of the Activation screen to display the NDI|HX license activation screen.

Activation

NDI|HX

☐	No.	IPv4 Address	Model	Title	Version	NDI HX Support	Activation Status	License Code
☐	1	10.187.60.33	UE70	PleaseUserAuth	Unauthoriz...	False	-	
☐	2	192.168.0.40	HN40	AW-HN40	Unauthoriz...	False	-	
☐	3	10.187.60.35	HE75	PleaseUserAuth	Unauthoriz...	False	-	
☐	4	192.168.0.13	AW-UE40	AW-UE40	01.55	True	Not Yet	
☐	5	192.168.0.10	UE20	AW-UE20	01.14	False	-	
☐	6	10.187.60.34	UN70	PleaseUserAuth	Unauthoriz...	False	-	

Activate

Deactivate

Cancel

NDI|HX Support: The device supports NDI|HX: True
The devices do not support NDI|HX: False
Activation Status: Device activation is complete: Done
Device activation is not complete: Not Yet

Activation procedure

1. Select the device that you wish to activate.
2. Enter the license code in the [License Code] field.
3. Press the [Activate] button to start activation.

Deactivation procedure

1. Select the device that you wish to deactivate.
2. Enter the license code in the [License Code] field.
3. Press the [Deactivate] button to start deactivation.

■MoIP (SMPTE ST 2110) license activation

Select [MoIP] in the license selection box in the top left of the Activation screen to display the MoIP (SMPTE ST 2110) license activation screen.

Activation

MoIP Organization: Panasonic MEBD Country: JAPAN

No.	IPv4 Address	Model	Title	Version	MoIP Support	Activation Status	User ID	Password	Key Code
1	10.187.60.33	UE70	PleaseUserAuth	Unauthorized	False	-			- - - -
2	192.168.0.40	HN40	AW-HN40	Unauthorized	False	-			- - - -
3	192.168.0.16	AW-UE160	AW-UE160	01.27	True	Done			- - - -
4	10.187.60.35	HE75	PleaseUserAuth	Unauthorized	False	-			- - - -
5	192.168.0.13	AW-UE40	AW-UE40	01.55	False	-			- - - -
6	192.168.0.10	UE20	AW-UE20	01.14	False	-			- - - -
7	10.187.60.34	UN70	PleaseUserAuth	Unauthorized	False	-			- - - -
8	0.0.0.0	M24eG	--	--	False	-			- - - -

Batch Input

User ID: Password: Input Delete

Activate Deactivate Cancel

MoIP Support: The device supports MoIP: True

The devices do not support MoIP: False

Activation Status: Device activation is complete: Done

Device activation is not complete: Not Yet

Activation procedure

1. Enter the company name in the [Organization] field.

Characters available: Alphanumeric characters, single-byte space

Maximum number of characters: 40

2. Select the country in the [Country] field.

3. Select the device you wish to activate.

4. Enter the user ID and password for the device.

Batch input: Enter values in the [Batch Input] area and press the [Input] button.

You can enter the user ID and password for the selected devices.

Press delete to clear the user ID and password for the selected devices.

Individual input: Enter the user ID and password for each device.

5. Enter the license key code in the [Key Code] field.

6. Press the [Activate] button to start activation.

Deactivation procedure

1. Enter the company name in the [Organization] field.

Characters available: Alphanumeric characters, single-byte space

Maximum number of characters: 40

2. Select the country in the [Country] field.

3. Select the device that you wish to deactivate.

4. Enter the user ID and password.

Batch input: Enter values in the [Batch Input] area and press the [Input] button.

You can enter the user ID and password for the selected devices.

Press delete to clear the user ID and password for the selected devices.

Individual input: Enter the user ID and password for each device.

5. Enter the license key code in the [Key Code] field.

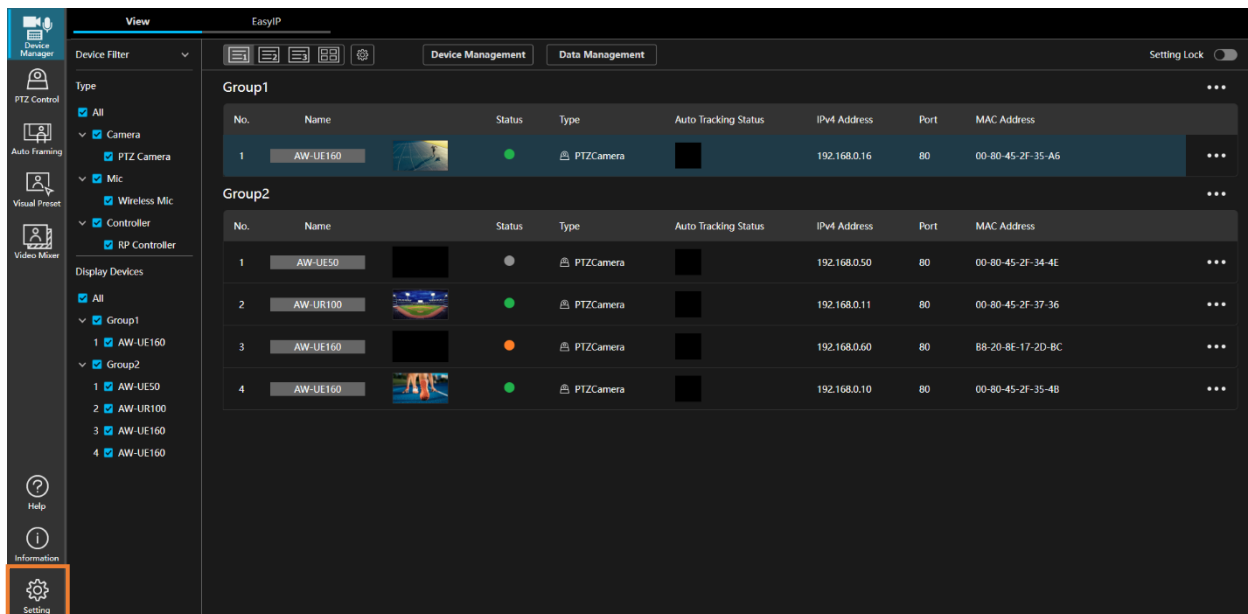
6. Press the [Deactivate] button to start deactivation.

Selecting Items to Display in the Device List

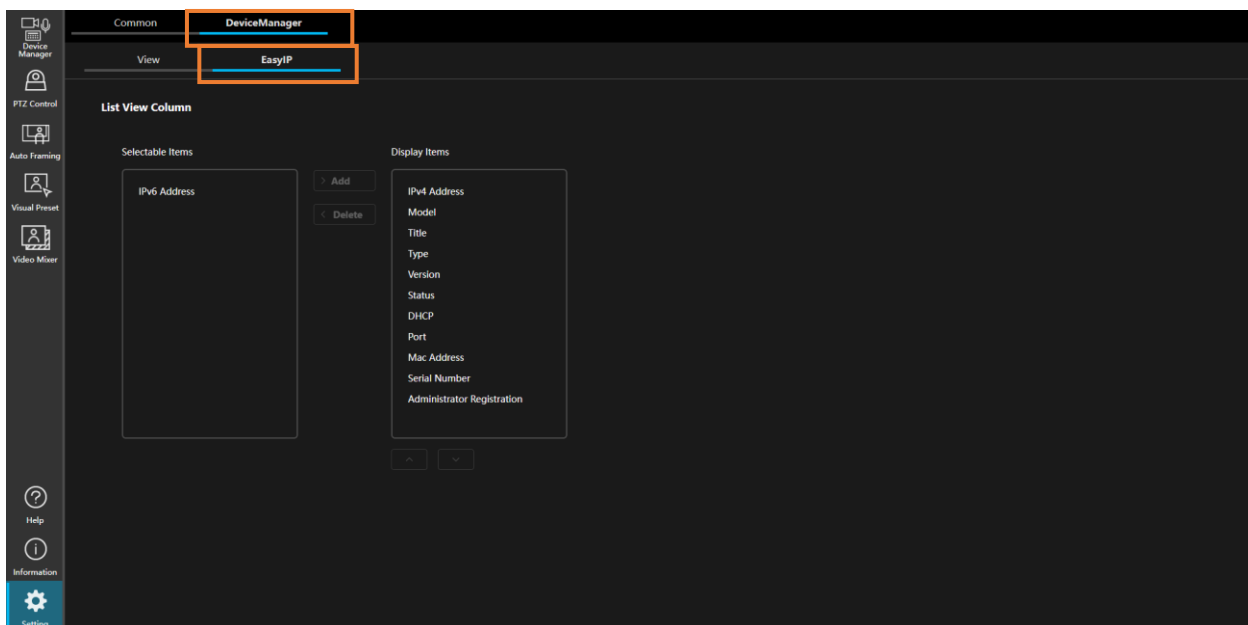
The items to be displayed in the device list can be selected on the Setting screen.

You can select the items with the following procedure.

1. Click the [Setting] button in the function selection area to display the Setting screen.



2. On the Setting screen, click [Device Manager] to display the Device Manager function settings screen, and then click the [EasyIP] tab.



3. If you wish to show an item that is hidden, select the relevant item from [Selectable Items] and then click the [> Add] button. The item will move to [Display Items] and will be shown.

If you wish to hide an item that is shown, select the relevant item from [Display Items] and then click the [< Delete] button. The item will move to [Selectable Items] and will be hidden.

You can also change the order in which items are displayed by selecting an item in [Display Items] and then clicking the up and down buttons beneath [Display Items].

Function Restrictions by Role

List of Function Restrictions by Role

Roles other than Administrator (i.e. Super User and User accounts) are subject to restrictions on the functions available for use.

Functions indicated with a circle (○) in the table below are available for use.

		Administrator	Super User	User
View tab				
Device registration		○		
Device Display Filtering		○	○	○
Changing settings on the list view		○	○	
Scene File Operation		○	○	
Device menu	Control	○	○	○
	Web	○	○	○
	Power ON	○		
	Standby	○		
	Record start	○	○	○
	Record stop	○	○	○
	Edit	○		
	Delete	○		
Group menu	Power ON all	○		
	Standby all	○		
	Record start all	○	○	○
	Record stop all	○	○	○
	Edit group	○		
	Delete group	○		
EasyIP tab				
Function access		○		