Functions Added by Version Updates

Updating the version of this unit adds the following functions.

This table lists the functions added to each version. For details on each function, see the corresponding explanation in this document.
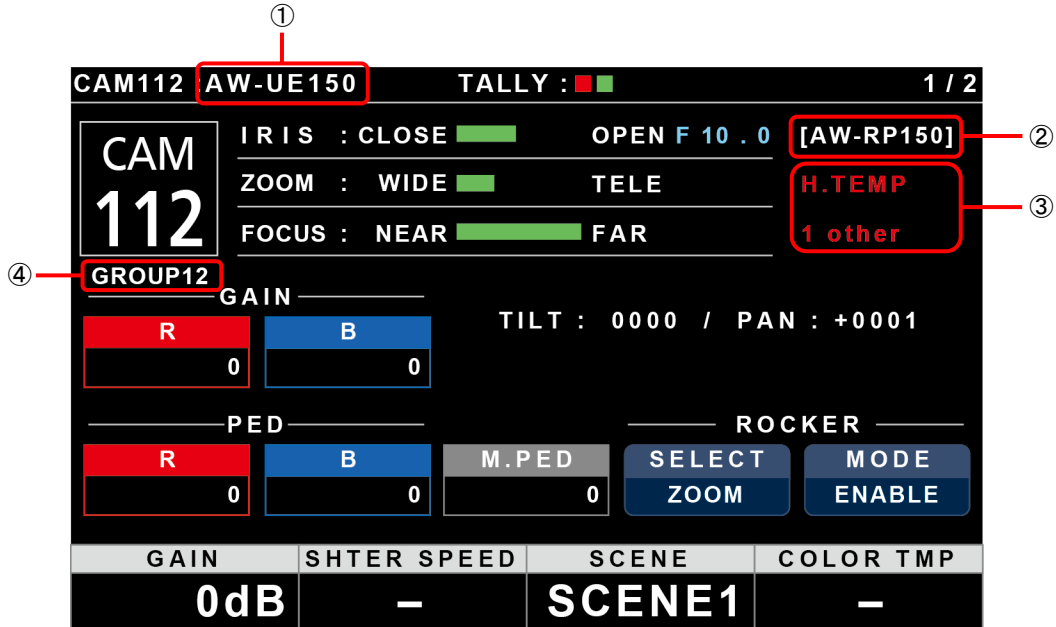
As of October 2020

Version	Added functions	Page
2.00-00-0.09	● Functions Added to Status Screen Display of preset group List of preset memories	2
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	● Addition of "IRIS LIMIT" and "EXT SW" to [PTZ INFO1] of the [FUNCTION] menu	6
	● Addition of "CTRLMODE" to [PTZ INFO2] of the [FUNCTION] menu	7
	● Addition of "A.KNOB1 to A.KNOB4" and "CAMSELOP" to [RP SETTING] of the [MAINTENANCE] menu	8
	● Addition of "MODE" to [TMEM] of the [PMEM/TMEM] menu	13
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	● Functions linking with AK-HRP1000/AK-HRP1005 Addition of [ROP LINK] to the [SYSTEM] menu	17
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2.10-00-0.03	● Functions added to status screen Changing of display of camera name and alarm information	2
	● Changing of display of menu item being set	4
	● Support for controlling indoor/outdoor pan-tilt head	21
	● Addition of marker display for IRIS LIMIT position	6
	● Addition of [CAM ALARM] to the [MAINTENANCE] menu	9
	● Addition of "CAM AWB", "CAM ABB", "CAM BAR", and "SCENE" to [CAMERA] of the [SYSTEM] menu	10
	● Addition of "5LIMITS" to [RP IP SET] of the [SYSTEM] menu	11
	● Addition of "MD", "UNIT", and "SPD" to [PMEM LIST] of the [PMEM/TMEM] menus	12

Functions Added to Status Screen

The camera group number and preset memory list are now displayed in the status screen.

Furthermore, the display of the camera name and alarm information has been changed as follows.

■ Display of camera name, alarm information, and camera group

No.	Item	Setting value and setting details	Supported versions
①	Camera name	Displays the name of the connected camera. When the connection with the camera is an IP connection, up to 10 characters of the camera name set on the camera are displayed.	2.10-00-0.03 and later
②	Camera model number	Displays the model number or series number notified from the connected camera.	
③	Alarm information	Displays the alarm information for one alarm. If multiple alarms are occurring, the alarm information for the alarm with the highest priority is displayed and the number of remaining alarms is displayed on the second line. **Alarm information priority order** "FAN" → "H.TEMP" → "SENSOR" → "P/T" → "LENS" ● A list of the alarm information can be displayed in [CAM ALARM] of the [MAINTENANCE] menu.	
④	Group number	Displays the camera group number.	2.00-00-0.09 and later

■ List of preset memories (Version 2.00-00-0.09 and Later)

A list of the preset memories is displayed on the 3rd page of the status screen.

Preset memories can also be executed, registered, and deleted in the same way as with [PMEM LIST] of the [PMEM/TMEM] menu.

NOTE

- In version 2.10-00-0.03 and later, you can use the [F1] to [F3] dials to configure the movement speed setting for when preset memory playback. You can check the settings details in [MD], [UNIT], and [SPD] on the list left side in the same way as in the [PMEM LIST] screen.

Display of 50 preset memories

Display of 20 preset memories

Changing of Display of Menu Item Being Set (Version 2.10-00-0.03 and Later）

The display color of the menu item being set changes to amber. When the setting is confirmed, the color changes back to the original color.

Display example
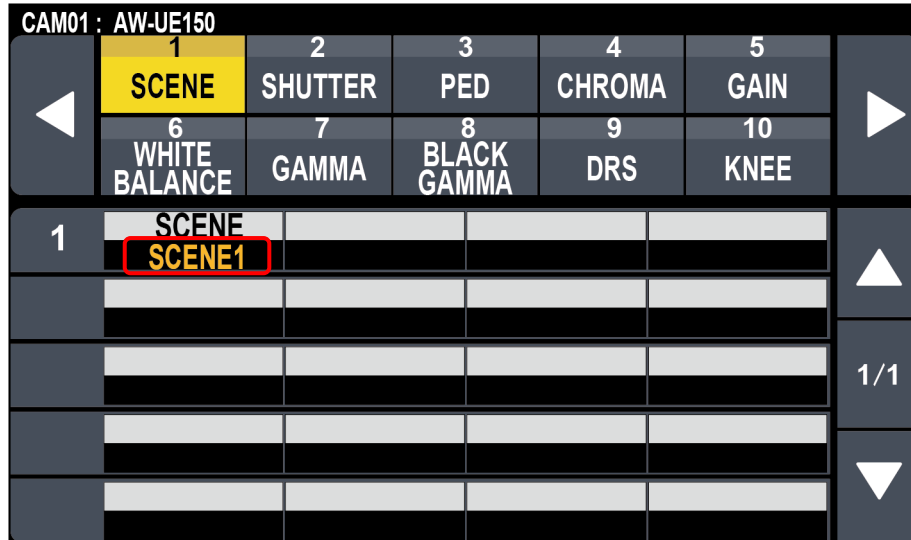
[CAMERA INFO] of [FUNCTION] Menu

The following item has been added to [CAMERA INFO] of the [FUNCTION] menu.
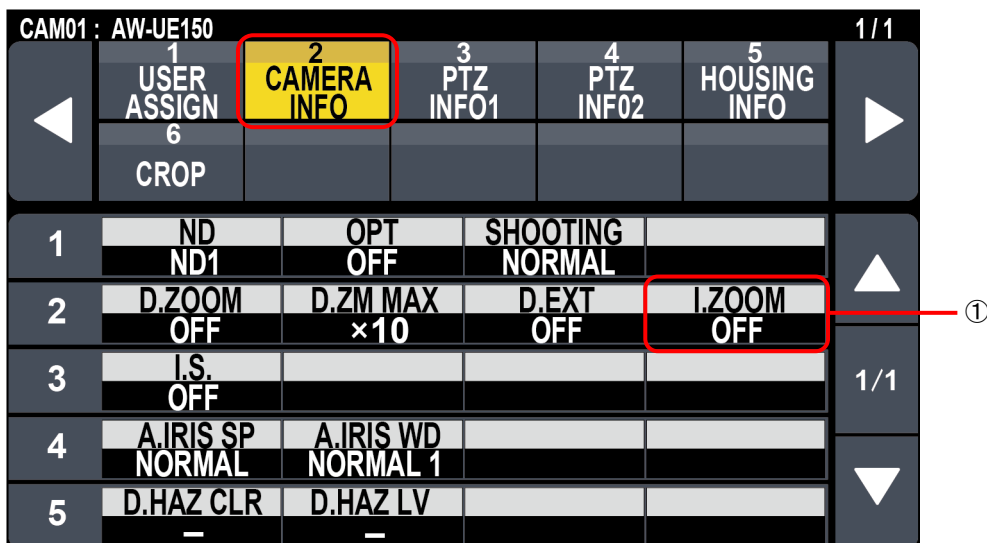
No.	Item	Setting value and setting details	Supported versions
①	I.ZOOM	Sets the i.Zoom function to ON/OFF. This setting can be assigned to a USER button. The setting is "ON" when the USER button is lit, and "OFF" when it is not lit.	2.00-00-0.09 and later

[PTZ INFO1] of [FUNCTION] Menu

The following items have been added to [PTZ INFO1] of the [FUNCTION] menu.

No.	Item	Setting value and setting details	Supported versions
①	IRIS LIMIT	Sets the limit in the close direction in the iris operation of the selected camera. When you set this to "ON" at the desired iris position, operation toward the close end can no longer be performed any farther than that position. When you set this to "OFF", the setting is canceled.	2.00-00-0.09 and later
②	EXT SW	Indicates ON or OFF for the connection destination. When the status cannot be acquired from the connection destination at unit startup, this is indicated as "—." This setting can be assigned to a USER button. The setting is "ON" when the USER button is lit, and "OFF" when it is not lit.	

■ Marker display during [IRIS LIMIT] setting (version 2.10-00-0.03 and later)

When [IRIS LIMIT] is set to "ON", a marker to indicate the limiter position is displayed at the IRIS position on the status screen.
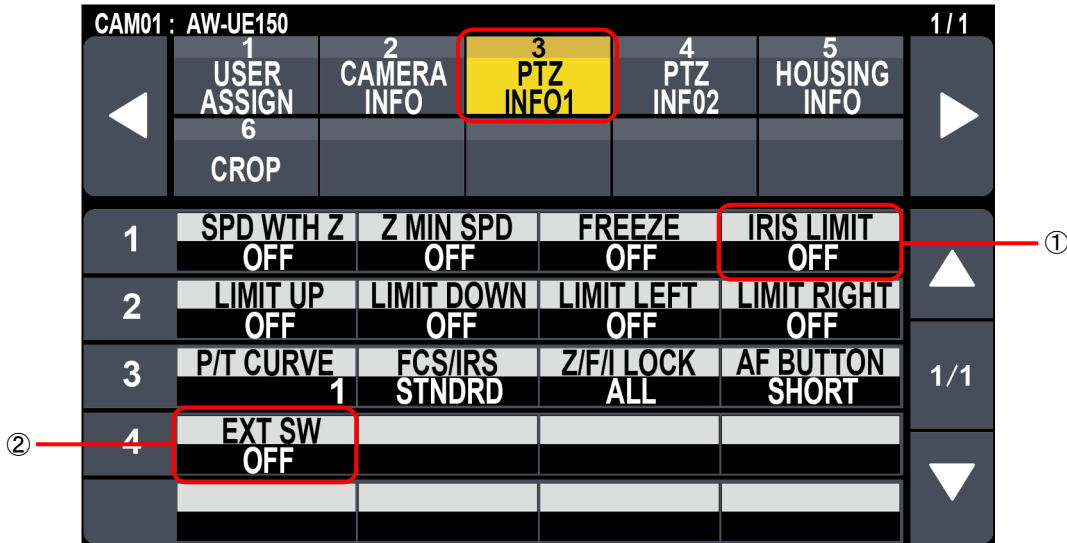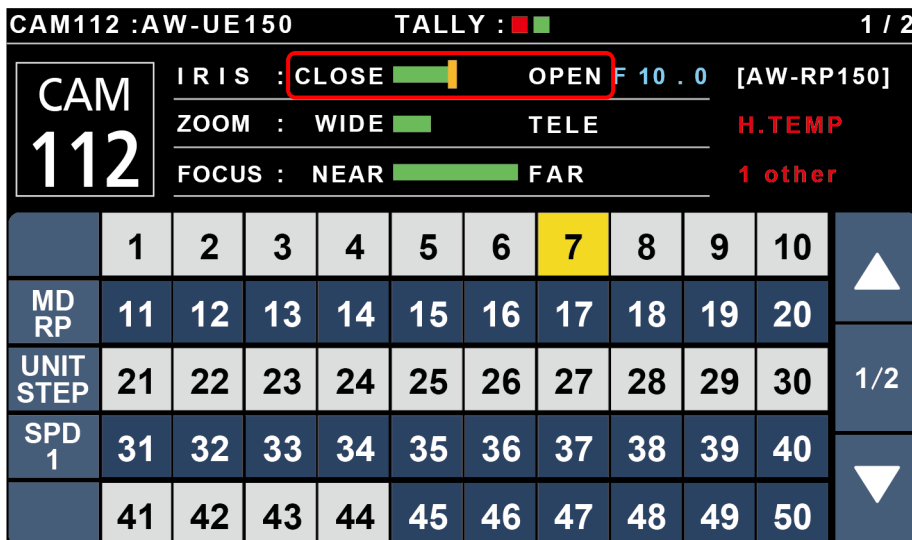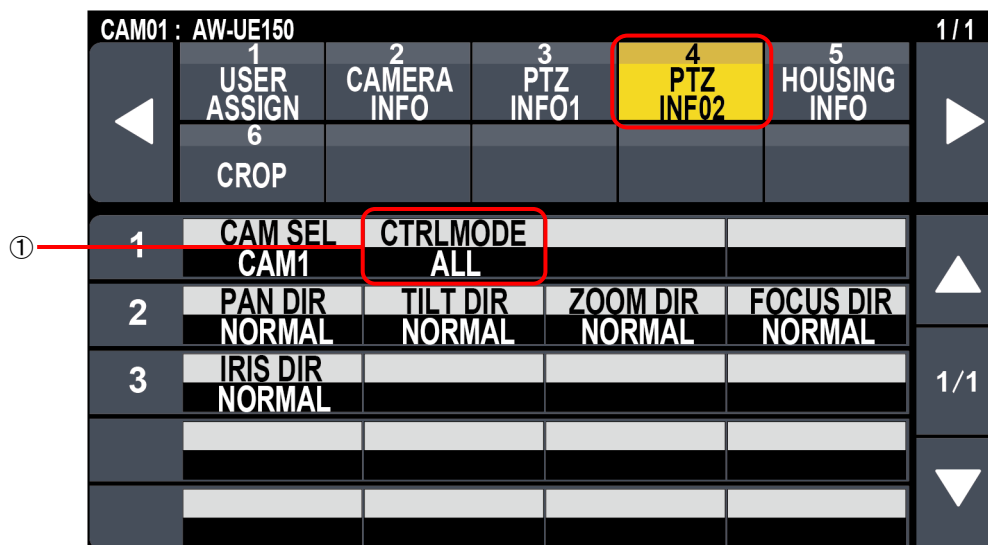
[PTZ INFO2] of [FUNCTION] Menu

The following item has been added to [PTZ INFO2] of the [FUNCTION] menu.

No.	Item	Setting value and setting details	Supported versions
①	CTRLMODE	Sets the operation direction of remote cameras to a common setting. **ALL:** Operates with the operation direction of all remote cameras in accordance with the setting of [CAM1] of [CAM SEL]. Configure the operation settings on the 2nd and 3rd lines. **CAMSEL:** Operates individually in accordance with the setting of each camera. This setting can be saved and recalled to/from an SD card in [RP SETTING] of the [MAINTENANCE] menu.	2.00-00-0.09 and later

[RP SETTING] of [MAINTENANCE] Menu

The following items have been added to [RP SETTING] of the [MAINTENANCE] menu.

No.	Item	Setting value and setting details	Supported versions
①	A.KNOB1 to A.KNOB4	"ND" has been added to the assignable functions. When you turn the dial with the functions assigned, the ND is switched.	2.00-00-0.09 and later
②	CAMSELOP	Sets the action for during the pan/tilt, zoom, focus, and TMEM operations. **SINGLE:** Prohibits camera selection during operation (default value). **MULTI:** Enables camera selection even during operation. **NOTE** • When this is "MULTI" and the camera is switched during operation, please note that the stop and other instructions will no longer be possible for the camera prior to selection.	

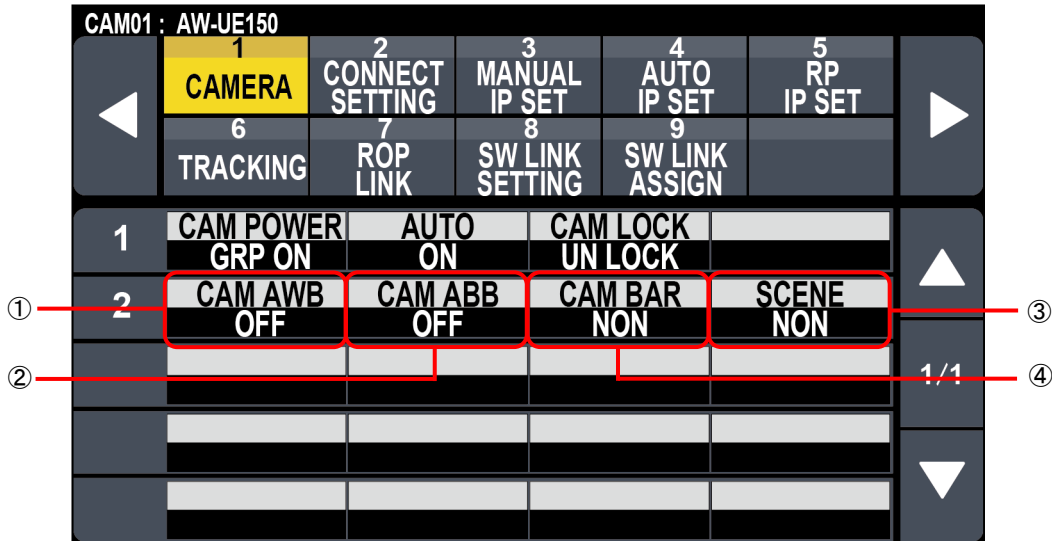## [CAM ALARM] of [MAINTENANCE] Menu (Version 2.10-00-0.03 and Later)

[CAM ALARM] for displaying a list of the alarms notified from the selected camera has been added to the [MAINTENANCE] menu.

The alarm information is displayed in order of notification in [ALARM1] to [ALARM5]. If there is no notification, "−" is displayed.
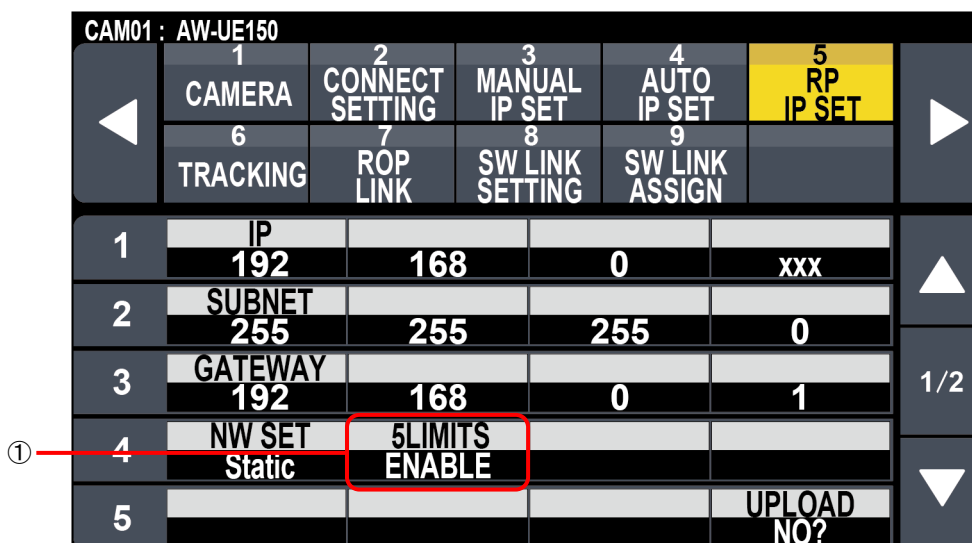
[CAMERA] of [SYSTEM] Menu

The following items have been added to [CAMERA] of the [SYSTEM] menu.

No.	Item	Setting value and setting details	Supported versions
①	CAM AWB	Simultaneously operates the auto white balance setting from the unit for the cameras in the same group or all cameras set to connect. **OFF:** Does not perform simultaneous operation. **ALL AWB:** Simultaneously operates all cameras set to connect. **GRP AWB:** Simultaneously operates the cameras in the selected group.	2.10-00-0.03 and later
②	CAM ABB	Simultaneously operates the auto black balance setting from the unit for the cameras in the same group or all cameras set to connect. **OFF:** Does not perform simultaneous operation. **ALL ABB:** Simultaneously operates all cameras set to connect. **GRP ABB:** Simultaneously operates the cameras in the selected group.	
③	CAM BAR	Simultaneously operates ON/OFF of color output from the unit for the cameras in the same group or all cameras set to connect. **NON:** Does not perform simultaneous operation. **ALL BAR ON/OFF:** Simultaneously operates all cameras set to connect. **GRP BAR ON/OFF:** Simultaneously operates the cameras in the selected group.	
④	SCENE	Sets the target for scene switching. **NON:** Does not specify the target for scene switching (default value). **ALL_SCN1 to ALL_SCN4:** Switches all cameras set to connect to SCENE 1 to SCENE 4. **GRP_SCN1 to GRP_SCN4:** Switches the selected camera and the cameras in the same group to SCENE 1 to SCENE 4.	

[RP IP SET] of [SYSTEM] Menu

The following item has been added to [RP IP SET] of the [SYSTEM] menu.

No.	Item	Setting value and setting details	Supported versions
①	5LIMITS	Limits the number of remote camera controllers that can connect to one camera at the same time when the unit is connected via an IP connection. **ENABLE:** Limits the number of remote camera controllers that can connect at the same time to up to 5 (default value). If there are already 5 connected, the 6th and subsequent remote camera controllers cannot connect. **DISABLE:** More than 5 remote camera controllers can connect at the same time.	2.10-00-0.03 and later

NOTE
- When setting this to [DISABLE], check that the camera supports connecting more than 5 remote camera controllers at the same time.

[PMEM LIST] of the [PMEM/TMEM] Menu

The following settings can be configured using the [F1] to [F3] dials while the menu screen is displayed.
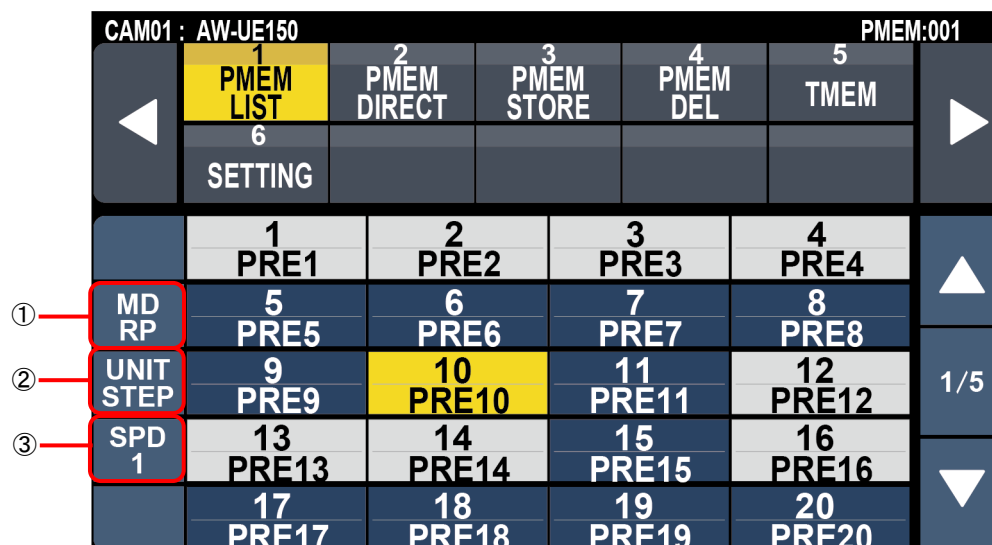
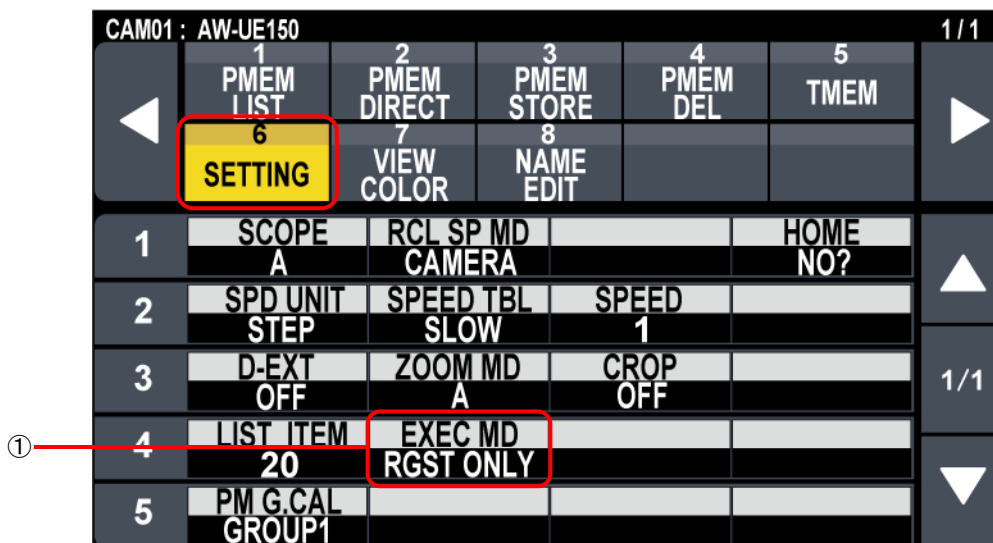| No.	Item	Setting value and setting details	Supported versions
①	MD	This item can be changed with the [F1] dial. It configures the setting of [PMEM/TMEM] > [SETTING] > [RCL SP MD] (playback mode of preset speed). The setting value is displayed on the second line.	2.10-00-0.03 and later
②	UNIT	This item can be changed with the [F2] dial. It configures the setting of [PMEM/TMEM] > [SETTING] > [SPD UNIT] (movement speed/time for playing back preset memory). The setting value is displayed on the second line.	
③	SPD	This item can be changed with the [F3] dial. It configures the setting of [PMEM/TMEM] > [SETTING] > [SPEED] (movement speed or time up to preset position). The setting value is displayed on the second line.	

[TMEM] of [PMEM/TMEM] Menu

The following item has been changed in [TMEM] of the [PMEM/TMEM] menu.
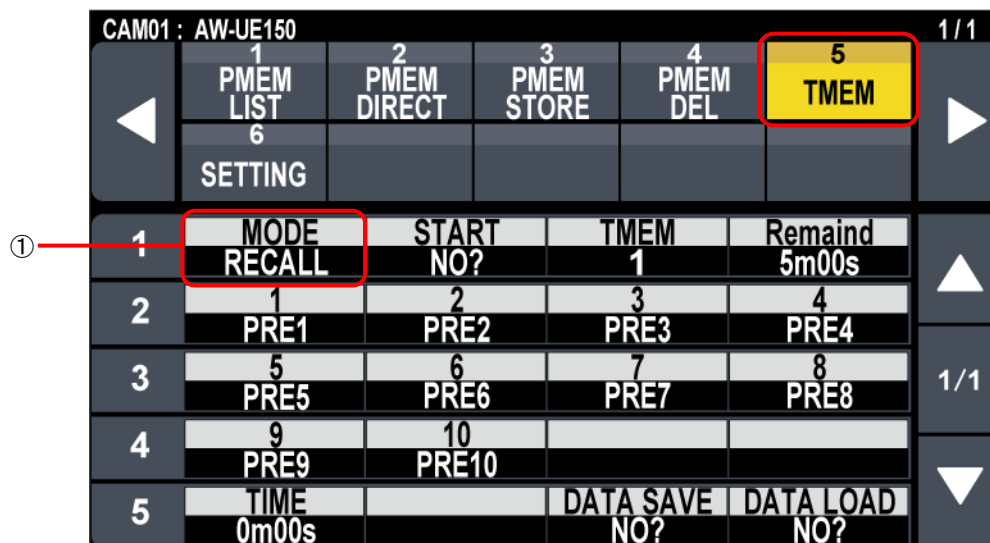
No.	Item	Setting value and setting details	Supported versions
①	MODE	"DEL ALL" (clear all) has been added to the setting values. When you select "DEL ALL", the TMEM settings of the currently selected camera are all deleted.	2.00-00-0.09 and later

[SETTING] of [PMEM/TMEM] Menu

The following item has been added to [SETTING] of the [PMEM/TMEM] menu.

No.	Item	Setting value and setting details	Supported versions
①	EXEC MD	Sets the setting for preset memory execution. **RGST ONLY**: Performs the execution instruction only for a registered preset memory (default value). **ANYTIME**: Performs the execution instruction even when an unregistered preset memory is selected.	2.00-00-0.09 and later

[VIEW COLOR] of [PMEM/TMEM] Menu (Version 2.00-00-0.09 and Later)

The registered display colors of the preset memories displayed in [PMEM LIST] can be set.
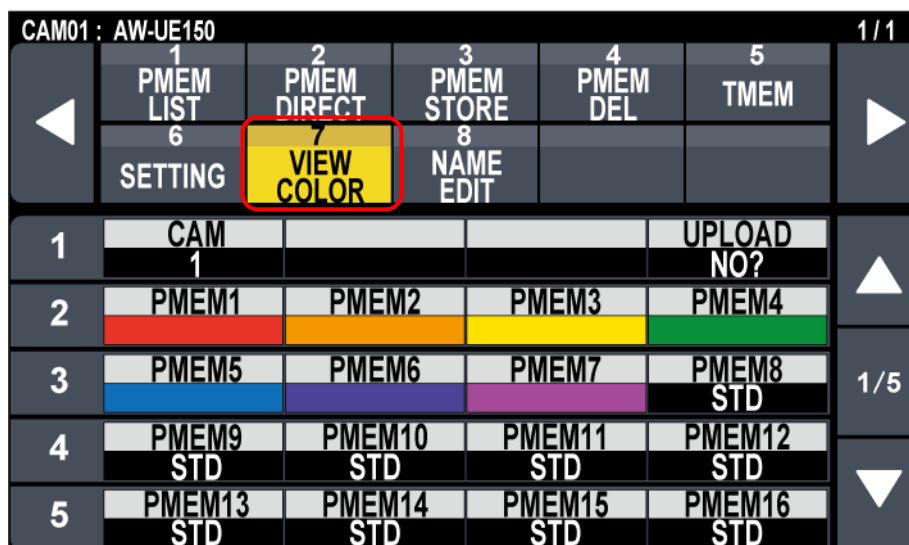
Item	Setting value and setting details	Supported versions
CAM	Selects the camera number for which to set the registered color settings of preset memories.	2.00-00-0.09 and later
UPLOAD	Saves the settings to the unit. The changes are not applied until they are saved.	
PMEM1 to 100	Selects a display color from seven colors (red, orange, yellow, green, blue, indigo, and purple). When "STD" is selected, the color becomes the standard color (dark gray).	

NOTE
- These settings can be saved and recalled to/from an SD card in [RP SETTING] of the [MAINTENANCE] menu.

[NAME EDIT] of [PMEM/TMEM] Menu (Version 2.00-00-0.09 and Later)

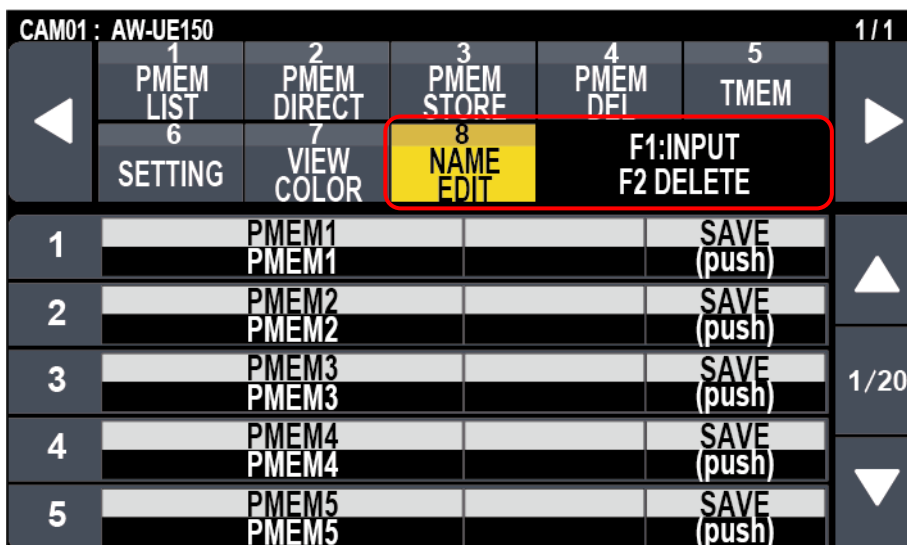The names of the preset memories displayed in [PMEM LIST] can be edited.

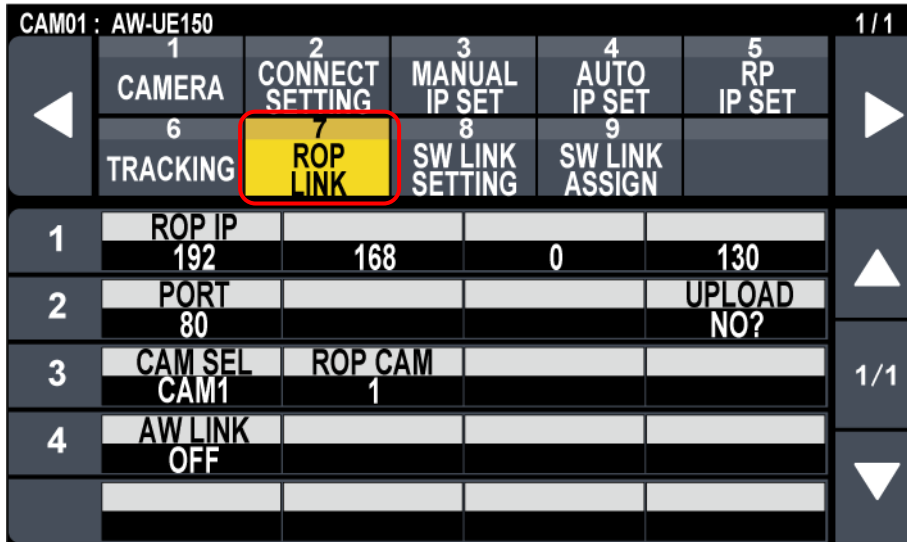| Item	Setting value and setting details	Supported versions
PMEM1 to 100	Edits the names of the preset memories. Select and confirm text with the [F1] dial, and delete one character with the [F2] dial.	2.00-00-0.09 and later
SAVE	Saves the changes to the unit. The changes are not applied until they are saved.	

NOTE

• The [NAME EDIT] menu may be hidden while the [PMEM LIST] menu is displayed. If that happens, switch to another menu once and then perform the operation.

Functions Linking with AK-HRP1000/AK-HRP1005 (Version 2.00-00-0.09 and Later)

The camera selection on the AK-HRP1000 and AK-HRP1005 can be linked with the camera selection on this unit.

Set the operation in [ROP LINK] of the [SYSTEM] menu.

[ROP LINK] of [SYSTEM] menu

Item	Details	Supported versions
ROP IP	Sets the IP addresses of the ROP to be connected.	2.00-00-0.09 and later
PORT	Sets the port number of the ROP to be connected.	
UPLOAD	Saves the settings of [ROP IP] and [PORT] to the unit. The settings are not applied until the information is uploaded.	
CAM SEL / ROP CAM	Assigns the camera number of ROP to the number of the camera controlled by the unit. Select the camera number of the unit in [CAM SEL], and set the camera number of ROP to assign in [ROP CAM]. For a camera number that will not be assigned, set [ROP CAM] to "NON". **Default values** ● [ROP CAM] has "1 to 99" assigned for "CAM1 to CAM99" of [CAM SEL]. ● "CAM100 to CAM200" of [CAM SEL] are set to "NON".	
AW LINK	Sets linking to ON/OFF. When this is "OFF", camera selection is not linked.	

NOTE

• To actually enable this operation, you also need to set the setting on the AK-HRP1000/AK-HRP1005. The setting can be set from [AW CONTROLLER LINK] of the ROP menu.

Functions Linking with AV-HS6000 (Version 2.00-00-0.09 and Later)

This unit and the AV-HS6000 can be linked.

The settings can be set from the [SYSTEM] menu.

NOTE

• To use this function, you need to install the "External_Control" plugin software on the AV-HS6000.

■ [SW LINK SETTING] of [SYSTEM] menu

Item	Details	Supported versions
LINK	Sets linking with the switcher to ON/OFF.	2.00-00-0.09 and later
UPDATE	Saves the settings. The settings are not applied until you press this button to upload the information.	
SW IP	Sets the IP address of the switcher to be connected.	
PORT	Sets the port number of the switcher to be connected.	
BUSCONT	Sets selection of the bus material from the unit to the switcher to enabled/disabled (ON/OFF).	
BUS	Sets the switcher bus to link with the camera selection buttons of the unit when [BUSCONT] is "ON". Setting values: **AUX1 to 16, ME1PVW, ME1KEY1-S/F, ME1KEY2-S/F, ME1KEY3-S/F, ME1KEY4-S/F, ME2PVW, ME2KEY1-S/F, ME2KEY2-S/F, ME2KEY3-S/F, ME2KEY4-S/F, DSK1-S/K, DSK2-S/K, DSK3-S/K, DSK4-S/K**	
FASIST	Switches video between multi view and the selected camera video by controlling the AUX bus of the switcher. This is indicated by "—" at unit startup. **ON:** Switches to the assigned remote camera. **OFF(MV1)**: Switches the AUX bus video output from the switcher to MV1. **OFF(MV2)**: Switches the AUX bus video output from the switcher to MV2. **OFF(MV3)**: Switches the AUX bus video output from the switcher to MV3. **OFF(MV4)**: Switches the AUX bus video output from the switcher to MV4.	
MV1 to MV4	Assigns the AUX buses to MV1 to MV4. Output buses (MV1 to MV4): **OFF**, **AUX1** to **AUX16**	
TALLY IP	Sets the receiving of tallies from the switcher to ON/OFF.	
CAM INF	Sets camera title display on the MV of the switcher. When this is set to "ON", the camera title is displayed.	
CAM NAME	Sets whether or not to display the camera name when the camera title is displayed on the MV of the switcher. When this is set to "ON", the camera name is displayed.	

■   **[SW LINK ASSIGN] of [SYSTEM] menu**
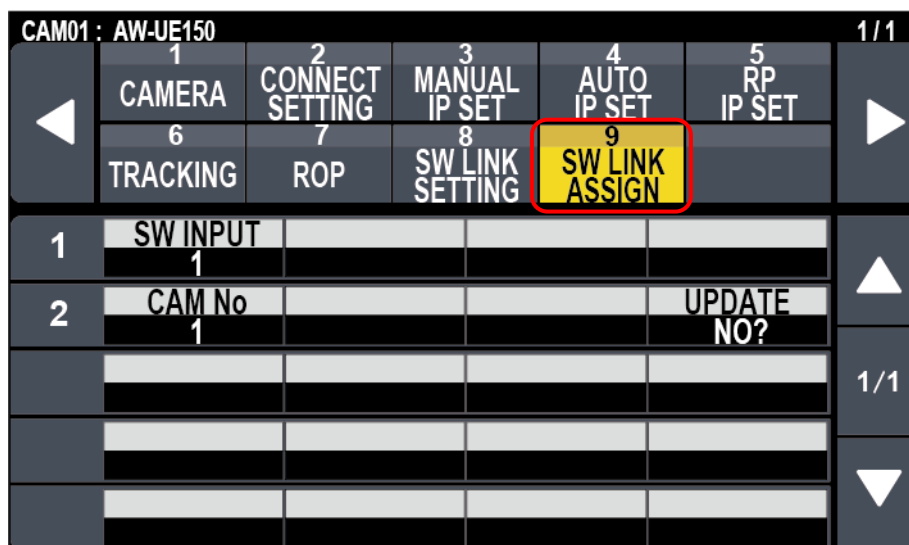
Item	Details	Supported versions
SW INPUT	Assigns the bus number of the switcher and the camera number in respect to the [BUS] settings of the [SW LINK SETTING] screen.	2.00-00-0.09 and later
CAM No	Assign the bus number (1 to 34) of the switcher in [SW INPUT] and the camera number in [CAM No].	
UPDATE	Saves the settings of the [SW LINK ASSIGN] menu to the unit. The settings are not applied until the information is uploaded.	

Support for Controlling Indoor/Outdoor Pan-tilt Head (Version 2.10-00-0.03 or Later)

The control of an indoor/outdoor pan-tilt head (AW-PH series) connected via a serial connection is now supported (the camera mounted to the pan-tilt head cannot be controlled). To perform control, set the connected indoor/outdoor pan-tilt head to "Serial_PH" in [CONNECT SETTING] of the [SYSTEM] menu.

CAM01 : AW-UE150				1/1
1 CAMERA	**2** CONNECT SETTING	**3** MANUAL IP SET	**4** AUTO IP SET	**5** RP IP SET
6 TRACKING				

	CAM SEL	CNNCT MD	DATA SAVE	DATA LOAD	
1	1	Serial	NO?	NO?	▲
2	CAM1 Serial	CAM2 Serial_PH	CAM3 NON	CAM4 NON	
3	CAM5 OFF	CAM6 NON	CAM7 NON	CAM8 NON	1/11
4	CAM9 OFF	CAM10 NON	CAM11 NON	CAM12 NON	
5	CAM13 OFF	CAM14 NON	CAM15 NON	CAM16 NON	▼