

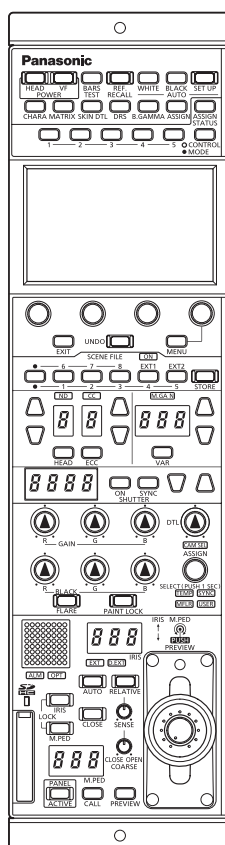
Operating Guide

Remote Operation Panel

Model No.

AK-HRP1000G

Read this document when using the AK-HRP1000G Remote Operation Panel in conjunction with AW-UE100 4K Integrated Camera.



For details of operating Remote Operation Panel AK-HRP1000G, please visit the Panasonic website (<https://pro-av.panasonic.net/manual/en/index.html>), and refer to the Operating Instructions (HTML or PDF).

Panasonic

ENGLISH

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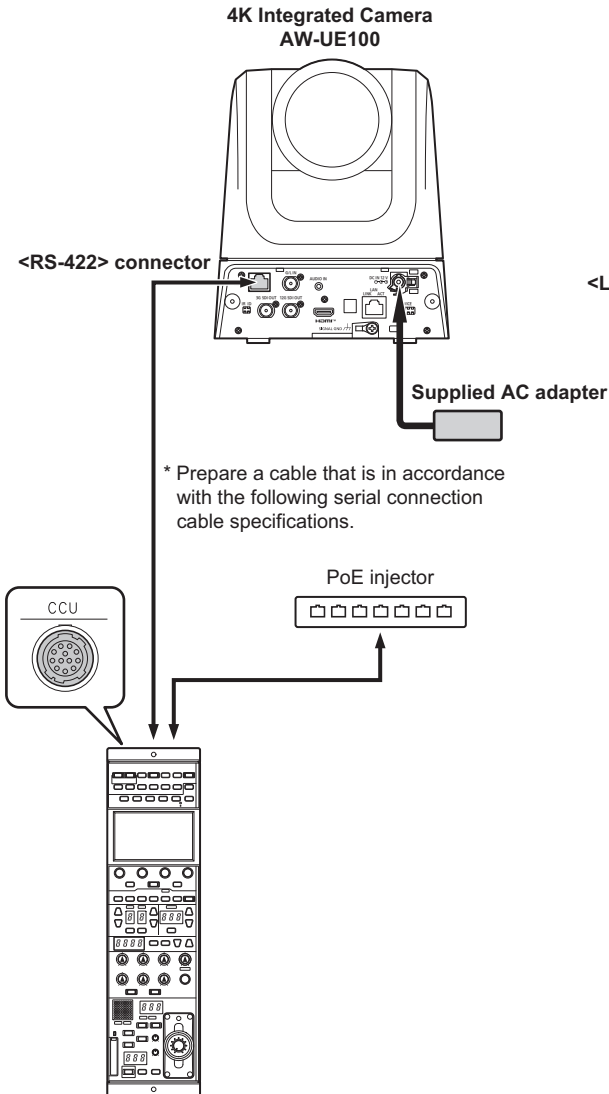
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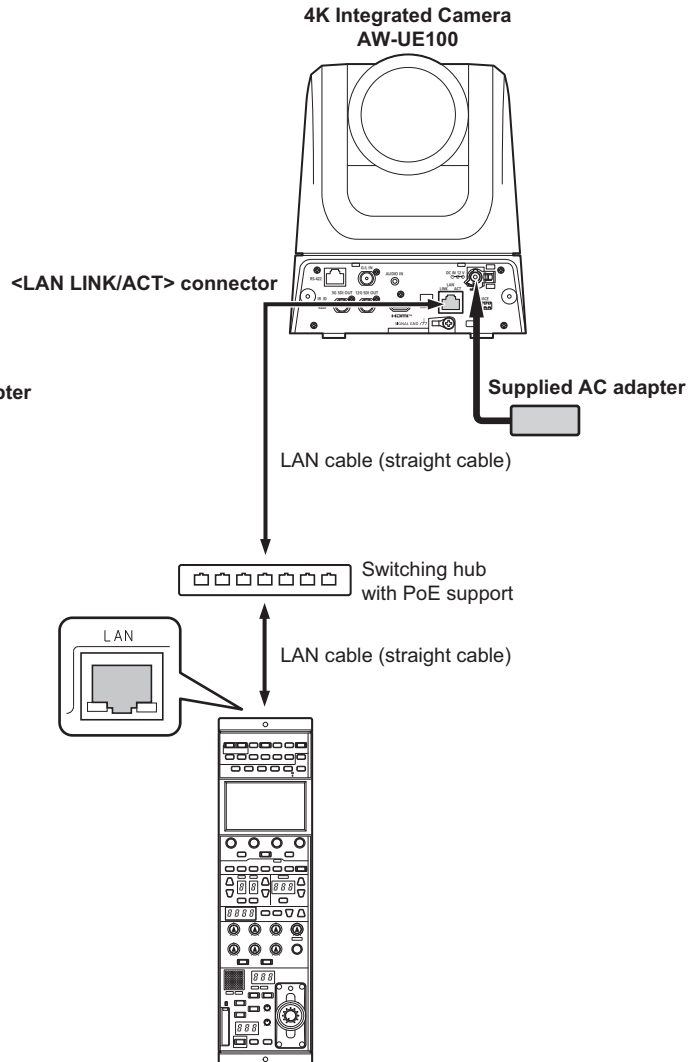
Connecting the Unit to AW-UE100 Cameras

Connection Example

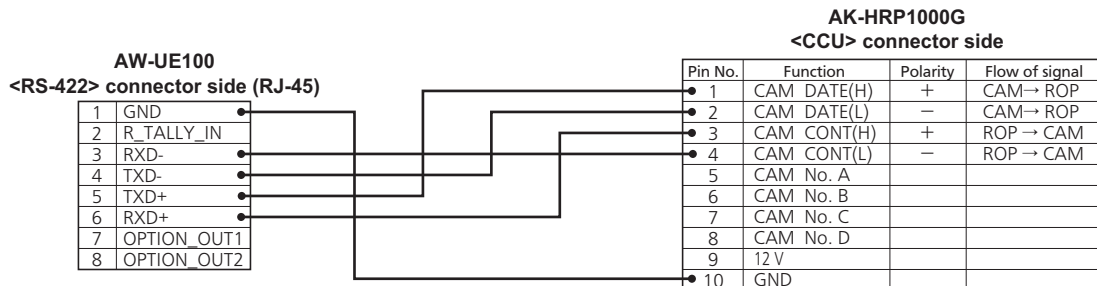
Serial connection with AW-UE100



IP connection with AW-UE100

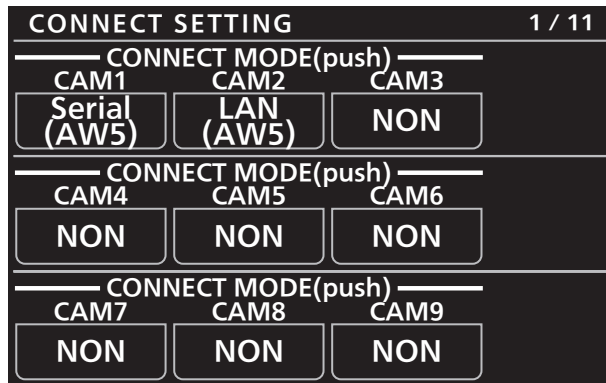


Serial connection cable specifications



Connections

- Set the connection setting to "Serial(AW5)" or "LAN(AW5)" in the [CONNECT SETTING] menu.



- When connecting, observe the following points.

Serial connection

- Use a dedicated cable to connect the <CCU> connector of this unit to the <RS-422> connector of the AW-UE100.
- Use a PoE injector for the power supply.

LAN connection

- Connect the <LAN> connector on this unit to the <LAN LINK/ACT> connector on the AW-UE100 using a LAN cable (sold separately).
 - Configure the camera IP address and port number settings of the connection destinations in [CAMERA IP SETTING] as well.
 - This unit can be powered using PoE. Use a switching hub with PoE support.
 - Use a straight cable (category 5e or higher; up to 100 m (328.0 ft) in length) for the LAN cable (STP).
- For details on switching hubs and PoE injectors that have been verified to support PoE, consult with your dealer.

Number	Part name	✓ : Enabled ×: Disabled	Remarks
Front panel 2	[ASSIGN STATUS] button	✓	
	Buttons 1 to 5 (CONTROL/MODE)	✓	Functions only when the following functions have been assigned. CONTROL(MENU)1 to 5 SHUT PED U.CHRM GAIN GAMMA B.GAM KNEE W.CLIP DRS UHD.D MATRIX C.CORR DNR A.IRIS CAM_MN MODE(ON/OFF)1 to 5 W.CLIP UHD.D D.EXT UP DOWN D.EXT2
	[CONTROL/MODE] button	✓	
Front panel 3	LCD panel	✓	
	[MENU] dial	✓	
	[EXIT] button	✓	
	[UNDO] button	✓	
	[MENU] button	✓	
Front panel 4	[(SCENE FILE) ON] indicator	✓	This is always lit.
	Scene file page switching button	×	
	[1/6], [2/7], [3/8], [4/EXT1], and [5/EXT2] buttons (SCENE FILE)	✓	Only scenes 1 to 4 are enabled.
	[STORE] button	×	
Front panel 5	[ND] indicator	✓	
	[ND] setting button	✓	
	[ND] display	✓	
	[CC] indicator	×	
	[CC] setting button	×	
	[CC] display	×	
	[HEAD] button	×	
	[ECC] button	×	
	[M.GAIN] indicator	✓	
	[M.GAIN] setting button	✓	
	[M.GAIN] display	✓	
	[VAR] button	✓	Functions as ON/OFF of the super gain.

Number	Part name	✓ : Enabled ×: Disabled	Remarks
Front panel 6	[SHUTTER] display	✓	"ELC" is displayed on the [SHUTTER] display when ELC is selected.
	[(SHUTTER) ON] button	✓	
	[(SHUTTER) SYNC] button	✓	
	[SHUTTER] setting buttons	✓	
Front panel 7	[GAIN R] and [GAIN B] dials	✓	
	[GAIN G] dial	×	
	[BLACK R], [BLACK G] and [BLACK B] dials	✓	Only the pedestal can be adjusted.
	[FLARE] button	✓	Flare adjustment cannot be performed.
	[PAINT LOCK] button	✓	
	[DTL] dial	✓	
	[CAM SEL] indicator	✓	
	[SELECT] dial	✓	
	[TEMP] indicator	✓	
	[SYNC] indicator	✓	
	[MFLR] indicator	×	
[USER] indicator	✓	Functions only when the following functions have been assigned. GAIN M.GAMM U.CHRM KNEE.S	
Front panel 8	[EXT] indicator	×	
	[D.EXT] indicator	✓	
	[IRIS] lever	✓	
	[M.PED] dial	✓	
	[RELATIVE] button	✓	
	[SENSE] dial	✓	
	[COARSE] dial	✓	
	[IRIS] display	✓	
	[AUTO] button	✓	
	[CLOSE] button	×	
	[M.PED] display	✓	
	[IRIS LOCK] button	✓	
	[M.PED LOCK] button	✓	

Number	Part name	✓ : Enabled ×: Disabled	Remarks
Front panel 9	Camera number/tally display	✓	
	[ALM] indicator	✓	
	[OPT] indicator	×	
	[PANEL ACTIVE] button	✓	
	[CALL] button	×	
	[PREVIEW] button	✓	
	Memory card slot	✓	
	Memory card access indicator	✓	
	Torque adjustment screw	✓	

ROP Menu (during AW-UE100 connection)

ROP Menu List

When an AW-UE100 4K Integrated Camera is connected, the ROP menu will be as follows.

NOTE

- To perform menu operations, upgrade the system version of the unit to V5.00-00-0.00 or later.

For details on menu operations, refer to the following sections in the Operating Instructions.

- ➔ “Displaying menus”
- ➔ “Basic menu operations”

01 SHUTTER SPEED	MODE	➔ “MODE” (see page 15)
	SPEED	➔ “SPEED” (see page 15)
	ELC	➔ “ELC” (see page 15)
02 PEDESTAL	M.PED	➔ “M.PED” (see page 16)
	OFFSET	➔ “OFFSET” (see page 16)
	PED R	➔ “PED R” (see page 16)
	PED G	➔ “PED G” (see page 16)
	PED B	➔ “PED B” (see page 16)
03 CHROMA	LEVEL	➔ “LEVEL” (see page 17)
	PHASE	➔ “PHASE” (see page 17)
04 GAIN	SUPER GAIN	➔ “SUPER GAIN” (see page 18)
	GAIN	➔ “GAIN” (see page 18)
	AGC MAX GAIN	➔ “AGC MAX GAIN” (see page 18)
05 WHITE BALANCE	MODE	➔ “MODE” (see page 19)
	COLOR TEMP	➔ “COLOR TEMP” (see page 19)
	GAIN OFFSET	➔ “GAIN OFFSET” (see page 19)
	GAIN R	➔ “GAIN R” (see page 19)
	GAIN B	➔ “GAIN B” (see page 19)
	ATW SPEED	➔ “ATW SPEED” (see page 19)
	ATW TRGT R	➔ “ATW TRGT R” (see page 19)
	ATW TRGT B	➔ “ATW TRGT B” (see page 19)
06 GAMMA	MODE	➔ “MODE” (see page 20)
	GAMMA	➔ “GAMMA” (see page 20)
07 BLACK GAMMA	BLACK GAMMA	➔ “BLACK GAMMA” (see page 21)
	RANGE	➔ “RANGE” (see page 21)
08 KNEE	MODE	➔ “MODE” (see page 22)
	A.KNEE RESPONSE	➔ “A.KNEE RESPONSE” (see page 22)
	POINT	➔ “POINT” (see page 22)
	SLOPE	➔ “SLOPE” (see page 22)
09 WHITE CLIP	WHITE CLIP	➔ “WHITE CLIP” (see page 23)
	WHITE CLP LV	➔ “WHITE CLP LV” (see page 23)
10 DRS	DRS	➔ “DRS” (see page 24)

11 DETAIL	MASTER DTL	➔ "MASTER DTL" (see page 25)
	CORING	➔ "CORING" (see page 25)
	V DTL LEVEL	➔ "V DTL LEVEL" (see page 25)
	FREQ	➔ "FREQ" (see page 25)
	LEVEL DEPEND.	➔ "LEVEL DEPEND." (see page 25)
	KNEE APE.LEVEL	➔ "KNEE APE.LEVEL" (see page 25)
	GAIN(+)	➔ "GAIN(+)" (see page 25)
	GAIN(-)	➔ "GAIN(-)" (see page 25)
	SKIN DTL	➔ "SKIN DTL" (see page 25)
	SKIN DTL EFFECT	➔ "SKIN DTL EFFECT" (see page 25)
	DTL SW	➔ "DTL SW" (see page 25)
12 MATRIX	TYPE	➔ "TYPE" (see page 26)
	ADAPTIVE MATRIX	➔ "ADAPTIVE MATRIX" (see page 26)
	R-G	➔ "R-G" (see page 26)
	R-B	➔ "R-B" (see page 26)
	G-R	➔ "G-R" (see page 26)
	G-B	➔ "G-B" (see page 26)
	B-R	➔ "B-R" (see page 26)
	B-G	➔ "B-G" (see page 26)

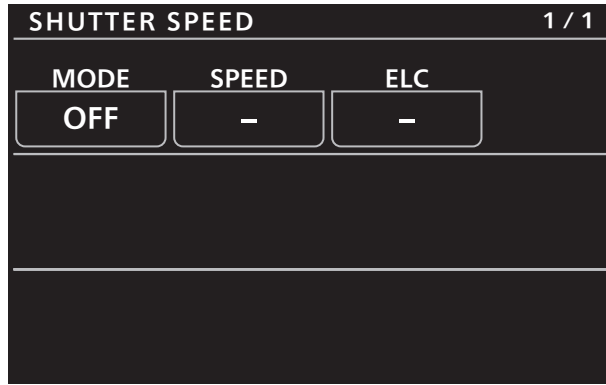
13 COLOR CORRECTION	TYPE	➔ "TYPE" (see page 28)
	ADAPTIVE MATRIX	➔ "ADAPTIVE MATRIX" (see page 28)
	COLOR CORRECT	➔ "COLOR CORRECT" (see page 28)
	SAT	➔ "SAT" (see page 28)
	PHASE	➔ "PHASE" (see page 28)
	SAT B_Mg	➔ "SAT B_Mg" (see page 28)
	PHASE B_Mg	➔ "PHASE B_Mg" (see page 28)
	SAT Mg	➔ "SAT Mg" (see page 28)
	PHASE Mg	➔ "PHASE Mg" (see page 28)
	SAT Mg_R	➔ "SAT Mg_R" (see page 28)
	PHASE Mg_R	➔ "PHASE Mg_R" (see page 28)
	SAT Mg_R_R	➔ "SAT Mg_R_R" (see page 28)
	PHASE Mg_R_R	➔ "PHASE Mg_R_R" (see page 28)
	SAT R	➔ "SAT R" (see page 28)
	PHASE R	➔ "PHASE R" (see page 28)
	SAT R_R_YI	➔ "SAT R_R_YI" (see page 28)
	PHASE R_R_YI	➔ "PHASE R_R_YI" (see page 28)
	SAT R_YI	➔ "SAT R_YI" (see page 28)
	PHASE R_YI	➔ "PHASE R_YI" (see page 28)
	SAT R_YI_YI	➔ "SAT R_YI_YI" (see page 28)
	PHASE R_YI_YI	➔ "PHASE R_YI_YI" (see page 28)
	SAT YI	➔ "SAT YI" (see page 28)
	PHASE YI	➔ "PHASE YI" (see page 28)
	SAT YI_YI_G	➔ "SAT YI_YI_G" (see page 28)
	PHASE YI_YI_G	➔ "PHASE YI_YI_G" (see page 28)
	SAT YI_G	➔ "SAT YI_G" (see page 28)
	PHASE YI_G	➔ "PHASE YI_G" (see page 28)
	SAT G	➔ "SAT G" (see page 29)
	PHASE G	➔ "PHASE G" (see page 29)
	SAT G_CY	➔ "SAT G_CY" (see page 29)
	PHASE G_CY	➔ "PHASE G_CY" (see page 29)
	SAT CY	➔ "SAT CY" (see page 29)
	PHASE CY	➔ "PHASE CY" (see page 29)
	SAT CY_B	➔ "SAT CY_B" (see page 29)
PHASE CY_B	➔ "PHASE CY_B" (see page 29)	
SAT B	➔ "SAT B" (see page 29)	
PHASE B	➔ "PHASE B" (see page 29)	
14 DNR	DNR	➔ "DNR" (see page 30)
15 BRIGHTNESS	PICTURE LEVEL	➔ "PICTURE LEVEL" (see page 31)
	FRAME MIX	➔ "FRAME MIX" (see page 31)
	DAY/NIGHT	➔ "DAY/NIGHT" (see page 31)
	A.F.MIX GAIN	➔ "A.F.MIX GAIN" (see page 31)

16 LENS CONTROL	FOCUS MODE	➔ "FOCUS MODE" (see page 32)
	FOCUS SPEED	➔ "FOCUS SPEED" (see page 32)
	FOCUS	➔ "FOCUS" (see page 32)
	ZOOM TELE	➔ "ZOOM TELE" (see page 32)
	ZOOM SPEED	➔ "ZOOM SPEED" (see page 32)
	ZOOM WIDE	➔ "ZOOM WIDE" (see page 32)
	DIGITAL ZOOM SW	➔ "DIGITAL ZOOM SW" (see page 32)
	DIGITAL ZOOM MAX	➔ "DIGITAL ZOOM MAX" (see page 32)
	DIGITAL ZOOM D.EXT	➔ "DIGITAL ZOOM D.EXT" (see page 32)
17 SYSTEM CAM	FORMAT	➔ "FORMAT" (see page 33)
	FREQUENCY	➔ "FREQUENCY" (see page 33)
	12G 3G SDI	➔ "12G 3G SDI" (see page 33)
	3G 3G SDI	➔ "3G 3G SDI" (see page 33)
	I.S.	➔ "I.S." (see page 33)
	OSD 12G	➔ "OSD 12G" (see page 33)
	OSD 3G	➔ "OSD 3G" (see page 33)
	OSD MONI	➔ "OSD MONI" (see page 33)
	OSD HDMI	➔ "OSD HDMI" (see page 33)
	OSD IP	➔ "OSD IP" (see page 33)
	OSD STATUS	➔ "OSD STATUS" (see page 33)
	AUDIO	➔ "AUDIO" (see page 33)
	GENLOCK PHASE	➔ "GENLOCK PHASE" (see page 34)
	TALLY CONTROL	➔ "TALLY CONTROL" (see page 34)
	TALLY INPUT	➔ "TALLY INPUT" (see page 34)
	TALLY SIGNAL	➔ "TALLY SIGNAL" (see page 34)
TALLY CONT MD	➔ "TALLY CONT MD" (see page 34)	
18 CAMERA MENU CONTROL	MENU ON/OFF	➔ "MENU ON/OFF" (see page 35)
	CURSOR/PARAMETER	➔ "CURSOR/PARAMETER" (see page 35)
	EXECUTE	➔ "EXECUTE" (see page 35)

19 ROP SETTING	CONTROL(MENU)1	Refer to the following section in the Operating Instructions. ➔ "34 ROP SETTING"
	CONTROL(MENU)2	
	CONTROL(MENU)3	
	CONTROL(MENU)4	
	CONTROL(MENU)5	
	B.GAMMA SW	
	MODE(ON/OFF)1	
	MODE(ON/OFF)2	
	MODE(ON/OFF)3	
	MODE(ON/OFF)4	
	MODE(ON/OFF)5	
	ECC BTN CTRL	
	ASSIGN BUTTON	
	USER ASSIGN	
	IRIS LEV MODE	
	CAM SEL	
	DTL VOL	
	SKIN DTL SW	
	LCD BRIGHT	
	PANEL LED BRIGHT	
	7SEG BRIGHT GROUP1	
	7SEG BRIGHT GROUP2	
	BUZZER	
	PERIOD	
	CYCLE	
	STD POSITION M.GAIN	
	STD POSITION VAR	
	STD POSITION ND	
	STD POSITION CC	
	IRIS PRIORITY	
	ROP DATA SAVE	
	ROP DATA LOAD	
	SD CARD FORMAT	
INITIAL with NW		
INITIAL		
POWER BUTTON		
IRIS CALIBRATION TOP		
IRIS CALIBRATION BOTTOM		
UPGRADE		
PAINT VOL CO		
SYSTEM VERSION		
20 CONNECT SETTING	CONNECT MODE(push) CAM1	➔ "CONNECT MODE(push) CAM1" (see page 37)
	CONNECT MODE(push) CAM2 to CAM99	➔ "CONNECT MODE(push) CAM2 to CAM99" (see page 37)

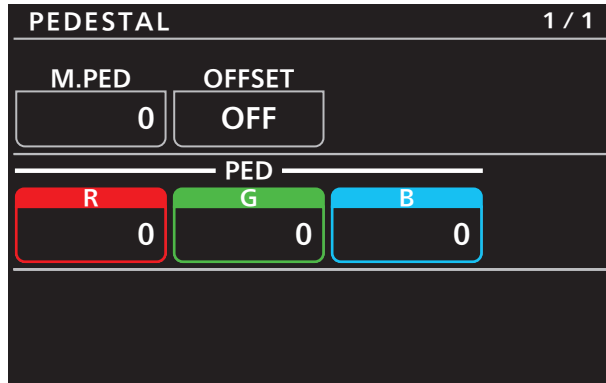
21 ROP IP SETTING	ROP IP ADDRESS	Refer to the following section in the Operating Instructions. ➡ "36 ROP IP SETTING"
	ROP PORT	
	UPLOAD	
	ROP SUBNET MASK	
	UPLOAD	
	ROP DEFAULT GATEWAY	
	UPLOAD	
	MAC ADDRESS	
22 CAMERA IP SETTING	CAM1 to CAM99 IP ADDRESS	Refer to the following section in the Operating Instructions. ➡ "37 CAMERA IP SETTING"
	CAM1 to CAM99 PORT	
	CAM1 to CAM99 INF UPLOAD	
23 AUTO IRIS SETTING	IRIS SPEED	➡ "IRIS SPEED" (see page 39)
	IRIS WINDOW	➡ "IRIS WINDOW" (see page 39)
24 SWITCHER LINK	SWITCHER IP ADDRESS	Refer to the following sections in "Functions Added by Version Updates". ➡ "Functions linking with AV-HS6000"
	RECEIVE UDP PORT	
	INFO UPLOAD	
	SWITCHER LINK	
	TALLY RECEIVE	
	PREVIEW	
	TALLY ACTION MATERIAL	
	TALLY ACTION CAM No.	
25 AW CONTROLLER LINK	RECEIVE PORT	Refer to the following sections in "Functions Added by Version Updates". ➡ "Function linking with AW-RP150"
	INFO UPLOAD	
	AWCONT LINK	

01 SHUTTER SPEED



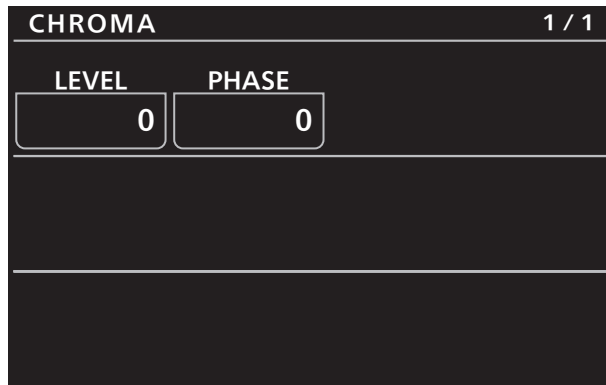
Item	Setting details
MODE	Selects the operation mode of the shutter.
SPEED	Sets the shutter speed.
ELC	Sets the maximum shutter value for ELC operation.

02 PEDESTAL



Item	Setting details
M.PED	Adjusts the black level of the master pedestal.
OFFSET	Sets the [PED R], [PED G], and [PED B] pedestal levels when the auto black balance is adjusted.
PED R	Sets the correction level of red to the master pedestal.
PED G	Sets the correction level of green to the master pedestal.
PED B	Sets the correction level of blue to the master pedestal.

03 CHROMA



Item	Setting details
LEVEL	Sets the color intensity of images.
PHASE	Finely adjusts the color phase of images.

04 GAIN

GAIN		1 / 1
SUPER GAIN	GAIN	AGC MAX GAIN
OFF	0	18

Item	Setting details
SUPER GAIN	Sets the super gain (increased sensitivity) to ON/OFF.
GAIN	Adjusts the gain of images.
AGC MAX GAIN	When "AUTO" is selected as the [GAIN] setting, the maximum gain-up amount can be set.

05 WHITE BALANCE

WHITE BALANCE
1 / 1

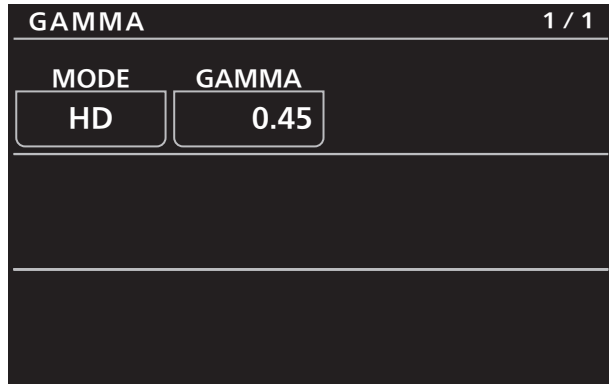
MODE	COLOR TEMP	GAIN OFFSET
AWB A	3200K	OFF

GAIN	
R 0	B 0

ATW		
SPEED	TRGT R	TRGT B
NORMAL	0	0

Item	Setting details
MODE	Sets the white balance mode.
COLOR TEMP	Sets color temperature settings.
GAIN OFFSET	Sets the [GAIN R] and [GAIN B] values when the [MODE] is set to "AWB A" or "AWB B".
GAIN R	Adjusts the R gain.
GAIN B	Adjusts the B gain.
ATW SPEED	Sets the control speed of the ATW function.
ATW TRGT R	Finely adjusts the [GAIN R] output when converged in the auto tracking white balance operation.
ATW TRGT B	Finely adjusts the [GAIN B] output when converged in the auto tracking white balance operation.

06 GAMMA



Item	Setting details
MODE	Selects the type of gamma curve.
GAMMA	Sets the gamma.

07 BLACK GAMMA

BLACK GAMMA		1 / 1
BLACK GAMMA	RANGE	
0	1	

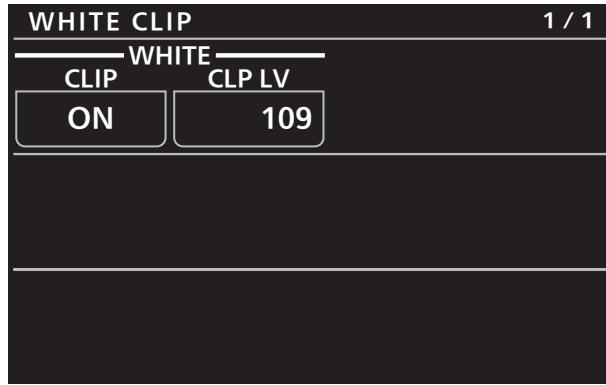
Item	Setting details
BLACK GAMMA	Sets the gamma curve for dark areas.
RANGE	Sets the maximum level for compression/expansion.

08 KNEE

KNEE		1 / 1
MODE	A.KNEE RESPONSE	
AUTO	4	
POINT	SLOPE	
93.0	99	

Item	Setting details
MODE	Sets the operating mode for gradation compression (knee). <ul style="list-style-type: none"> When [DRS] is enabled, the knee settings are disabled.
A.KNEE RESPONSE	Sets the auto knee response speed.
POINT	Sets the compression level (knee point) position for high-brightness video signals.
SLOPE	Sets the knee slope.

09 WHITE CLIP



Item	Setting details
WHITE CLIP	Sets the white clip function to ON/OFF.
WHITE CLP LV	Sets the white clip level.

10 DRS



Item	Setting details
DRS	Sets the DRS function, which performs correction when video with high light/dark contrast is displayed, to ON/OFF.

11 DETAIL

DETAIL			1 / 2
MASTER DTL	CORING	V DTL LEVEL	
0	15	0	
FREQ	LEVEL DEPEND.	KNEE APE. LEVEL	
0	0	2	
GAIN(+)	GAIN(-)		
0	0		

DETAIL		2 / 2
SKIN DTL	SKIN DTL EFFECT	
OFF	16	
DTL SW		
OFF		

Item	Setting details
MASTER DTL	Adjusts the contour correction level (master).
CORING	Sets the level of signal (including noise) that does not activate the detail effect.
V DTL LEVEL	Adjusts the vertical contour correction level.
FREQ	Sets the boost frequency for detail.
LEVEL DEPEND.	Compresses the detail in the dark areas when the detail of the bright signal is emphasized.
KNEE APE.LEVEL	Sets the detail level of high luminosity areas (extremely bright areas).
GAIN(+)	Sets the detail level of the plus direction (direction to make brighter).
GAIN(-)	Sets the detail level of the minus direction (direction to make darker).
SKIN DTL	Sets the function to make the skin of subjects appear smoother and more attractive to ON/OFF.
SKIN DTL EFFECT	The higher the setting value, the smoother the skin of the subjects you shoot appears.
DTL SW	Sets image contour (image sharpness) adjustment to ON/OFF.

12 MATRIX

MATRIX
1 / 1

TYPE

NORMAL

ADAPTIVE
MATRIX

OFF

R-G

0

R-B

0

G-R

0

G-B

0

B-R

0

B-G

0

Item	Setting details
TYPE	Selects the type of color matrix.
ADAPTIVE MATRIX	Turns ON/OFF the function to suppress the linear matrix according to the shooting conditions.
R-G	Adjusts the linear matrix between red and green.
R-B	Adjusts the linear matrix between red and blue.
G-R	Adjusts the linear matrix between green and red.
G-B	Adjusts the linear matrix between green and blue.
B-R	Adjusts the linear matrix between blue and red.
B-G	Adjusts the linear matrix between blue and green.

13 COLOR CORRECTION

COLOR CORRECTION			1 / 6
TYPE	ADAPTIVE MATRIX		
NORMAL	OFF		
COLOR CORRECT	SAT	PHASE	
B_Mg	0	0	
SAT B_Mg	PHASE B_Mg		
0	0		

COLOR CORRECTION			2 / 6
SAT Mg	PHASE Mg		
0	0		
SAT Mg_R	PHASE Mg_R		
0	0		
SAT Mg_R_R	PHASE Mg_R_R		
0	0		

COLOR CORRECTION			3 / 6
SAT R	PHASE R		
0	0		
SAT R_R_YI	PHASE R_R_YI		
0	0		
SAT R_YI	PHASE R_YI		
0	0		

COLOR CORRECTION			4 / 6
SAT R_YI_YI	PHASE R_YI_YI		
0	0		
SAT YI	PHASE YI		
0	0		
SAT YI_YI_G	PHASE YI_YI_G		
0	0		

COLOR CORRECTION		5 / 6
SAT YI_G	PHASE YI_G	
0	0	
SAT G	PHASE G	
0	0	
SAT G_CY	PHASE G_CY	
0	0	

COLOR CORRECTION		6 / 6
SAT CY	PHASE CY	
0	0	
SAT CY_B	PHASE CY_B	
0	0	
SAT B	PHASE B	
0	0	

Item	Setting details
TYPE	Selects the type of color matrix.
ADAPTIVE MATRIX	Turns ON/OFF the function to suppress the linear matrix according to the shooting conditions.
COLOR CORRECT	Selects the color component in 12-axis matrix memory to adjust.
SAT	Adjusts the saturation of the color component selected in [COLOR CORRECT].
PHASE	Adjusts the hue of the color component selected in [COLOR CORRECT].
SAT B_Mg	Adjusts the color saturation between blue and magenta.
PHASE B_Mg	Adjusts the hue between blue and magenta.
SAT Mg	Adjusts magenta color saturation.
PHASE Mg	Adjusts magenta hue.
SAT Mg_R	Adjusts the color saturation between magenta and red.
PHASE Mg_R	Adjusts the hue between magenta and red.
SAT Mg_R_R	Adjusts the color saturation with a 1:3 magenta to red ratio.
PHASE Mg_R_R	Adjusts the hue with a 1:3 magenta to red ratio.
SAT R	Adjusts red color saturation.
PHASE R	Adjusts red hue.
SAT R_R_YI	Adjusts the color saturation with a 3:1 red to yellow ratio.
PHASE R_R_YI	Adjusts the hue with a 3:1 red to yellow ratio.
SAT R_YI	Adjusts the color saturation between red and yellow.
PHASE R_YI	Adjusts the hue between red and yellow.
SAT R_YI_YI	Adjusts the color saturation with a 1:3 red to yellow ratio.
PHASE R_YI_YI	Adjusts the hue with a 1:3 red to yellow ratio.
SAT YI	Adjusts yellow color saturation.
PHASE YI	Adjusts yellow hue.
SAT YI_YI_G	Adjusts the color saturation with a 3:1 yellow to green ratio.
PHASE YI_YI_G	Adjusts the hue with a 3:1 yellow to green ratio.
SAT YI_G	Adjusts the color saturation between yellow and green.
PHASE YI_G	Adjusts the hue between yellow and green.

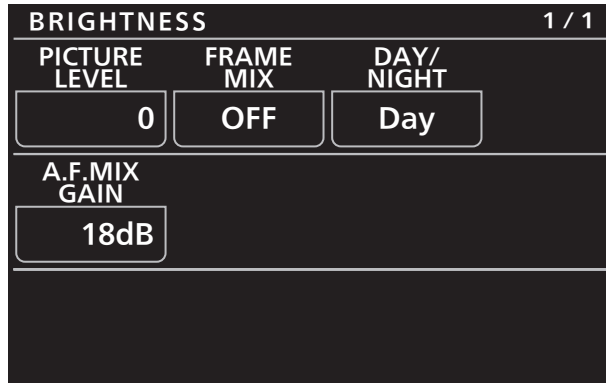
Item	Setting details
SAT G	Adjusts green color saturation.
PHASE G	Adjusts green hue.
SAT G_CY	Adjusts the color saturation between green and cyan.
PHASE G_CY	Adjusts the hue between green and cyan.
SAT CY	Adjusts cyan color saturation.
PHASE CY	Adjusts cyan hue.
SAT CY_B	Adjusts the color saturation between cyan and blue.
PHASE CY_B	Adjusts the hue between cyan and blue.
SAT B	Adjusts blue color saturation.
PHASE B	Adjusts blue hue.

14 DNR



Item	Setting details
DNR	Sets the level for the noise reduction.

15 BRIGHTNESS



Item	Setting details
PICTURE LEVEL	Sets the target picture level for auto exposure correction.
FRAME MIX	Selects for frame addition (gain-up using sensor storage) amount.
DAY/NIGHT	Switches between standard shooting (day mode) and night-vision shooting (night mode: shooting with infrared light).
A.F.MIX GAIN	Sets the maximum frame addition amount for when [FRAME MIX] operates in "AUTO".

16 LENS CONTROL

LENS CONTROL			1 / 1
FOCUS MODE	FOCUS SPEED	FOCUS	
AUTO	25	(turn)	
TELE	ZOOM SPEED	WIDE	
(push)	25	(push)	
SW	DIGITAL ZOOM MAX	D.EXT	
OFF	x10	OFF	

Item	Setting details
FOCUS MODE	Selects auto or manual mode for the focus adjustment function.
FOCUS SPEED	Adjusts the focus operation speed.
FOCUS	Adjusts the lens focus manually.
ZOOM TELE	Adjusts the lens zoom to telephoto (Tele).
ZOOM SPEED	Adjusts the zoom operation speed.
ZOOM WIDE	Adjusts the lens zoom to wide angle (Wide).
DIGITAL ZOOM SW	Sets the digital zoom function to ON/OFF.
DIGITAL ZOOM MAX	Sets the maximum digital zoom magnification.
DIGITAL ZOOM D.EXT	Sets the digital extender function to "OFF", "x1.4", or "x2".

17 SYSTEM CAM

SYSTEM CAM 1 / 3

FORMAT
2160/59.94p

FREQUENCY **12G 3G SDI** **3G 3G SDI**
59.94 LV A LV A

I.S. **OSD 12G** **OSD 3G**
OFF OFF OFF

SYSTEM CAM 2 / 3

OSD MONI **OSD HDMI** **OSD IP**
OFF OFF ON

OSD STATUS **AUDIO** **GENLOCK PHASE**
OFF OFF 0

CONTROL **TALLY INPUT** **SIGNAL**
OFF CAM1 OFF

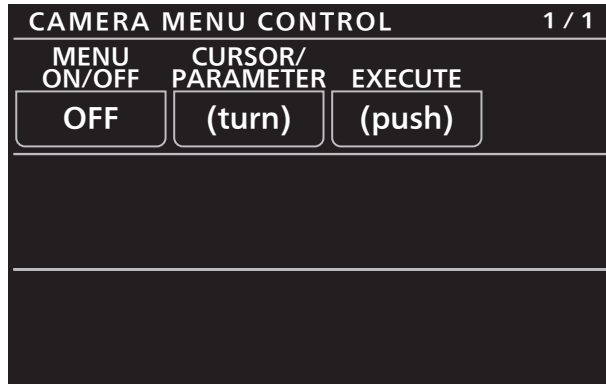
SYSTEM CAM 3 / 3

TALLY CONT MD
SELECT

Item	Setting details
FORMAT	Displays the system format.
FREQUENCY	Indicates the frame frequency.
12G 3G SDI	Selects the format to output 3G SDI signals when the video format of 12G SDI/OPTICAL is "1080/59.94p" or "1080/50p".
3G 3G SDI	Selects the format to output 3G SDI signals when the video format of 3G SDI is "1080/59.94p" or "1080/50p".
I.S.	Sets the image stabilization to ON/OFF.
OSD 12G	Selects ON/OFF for the display of the camera menu, status, and other information that is output from the <12G SDI OUT> connectors.
OSD 3G	Selects ON/OFF for the display of the camera menu, status, and other information that is output from the <3G SDI OUT> connectors.
OSD MONI	Selects ON/OFF for the display of the camera menu, status, and other information that is output from the <MONITOR OUT> connectors.
OSD HDMI	Selects ON/OFF for the display of the camera menu, status, and other information that is output from the <HDMI> connector.
OSD IP	Selects ON/OFF for the display of the camera menu, status, and other information that is output from the <LAN LINK/ACT> connector.
OSD STATUS	Sets ON/OFF for status display and error display during AWB and ABB execution.
AUDIO	Sets the audio input to ON/OFF.

Item	Setting details
GENLOCK PHASE	This is used to adjust the horizontal phase during genlock.
TALLY CONTROL	<p>Sets whether or not to notify the camera when there is a tally input from the <PREVIEW> connector. When this is set to "ON", notification is sent if there is a tally input when the camera set in [TALLY INPUT] is selected.</p> <ul style="list-style-type: none"> • This is enabled when other than "Serial", "LAN", "Serial(AK)", and "LAN(AK)" is set in [CONNECT SETTING].
TALLY INPUT	<p>Sets the camera to be notified of a tally input when [TALLY CONTROL] is set to "ON".</p> <ul style="list-style-type: none"> • This is enabled when other than "Serial", "LAN", "Serial(AK)", and "LAN(AK)" is set in [CONNECT SETTING].
TALLY SIGNAL	<p>Displays the tally input status of the <PREVIEW> connector. "ON" is displayed when there is tally input, and "OFF" is displayed when there is no tally input.</p>
TALLY CONT MD	<p>Sets the method for sending tally notifications to the camera.</p> <p>SELECT Sends tally notifications to the camera in accordance with the [TALLY CONTROL] and [TALLY INPUT] settings.</p> <p>DIRECT Sends tally notifications to the camera currently connected with the unit.</p> <ul style="list-style-type: none"> • If the unit is connected to another camera when there is tally input from the <PREVIEW> connector and [TALLY CONTROL] is "ON", be careful because [TALLY CONTROL] will not be set to "OFF" for the camera before the connection is switched. Furthermore, [TALLY CONTROL] will be set to "ON" for the newly connected camera in this case.

18 CAMERA MENU CONTROL



Item	Setting details
MENU ON/OFF	Turns the menu ON/OFF.
CURSOR/PARAMETER	Moves the menu cursor or changes setting values.
EXECUTE	Executes the selected process.

19 ROP SETTING

For details on operations and settings, refer to the following sections in the Operating Instructions.

➡ "34 ROP SETTING"

20 CONNECT SETTING

CONNECT SETTING 1 / 11

CONNECT MODE(push)

CAM1	CAM2	CAM3
Serial (AW5)	LAN (AW5)	NON

CONNECT MODE(push)

CAM4	CAM5	CAM6
NON	NON	NON

CONNECT MODE(push)

CAM7	CAM8	CAM9
NON	NON	NON

CONNECT SETTING 2 / 11

CONNECT MODE(push)

CAM10	CAM11	CAM12
NON	NON	NON

CONNECT MODE(push)

CAM13	CAM14	CAM15
NON	NON	NON

CONNECT MODE(push)

CAM16	CAM17	CAM18
NON	NON	NON



CONNECT SETTING 11 / 11

CONNECT MODE(push)

CAM91	CAM92	CAM93
NON	NON	NON

CONNECT MODE(push)

CAM94	CAM95	CAM96
NON	NON	NON

CONNECT MODE(push)

CAM97	CAM98	CAM99
NON	NON	NON

Item	Setting details
CONNECT MODE(push) CAM1	<p>Sets the connection method for camera 1. Changes to settings are applied by pressing the [MENU] dial. Select "LAN(AW5)" and "Serial(AW5)" when connecting with the AW-UE100.</p> <ul style="list-style-type: none"> "Serial(AW5)" cannot be set for multiple cameras.
CONNECT MODE(push) CAM2 to CAM99	<p>Sets the connection method for cameras 2 to 99. Changes to settings are applied by pressing the [MENU] dial. Select "LAN(AW5)" and "Serial(AW5)" when connecting with the AW-UE100.</p> <ul style="list-style-type: none"> "Serial(AW5)" cannot be set for multiple cameras.

21 ROP IP SETTING

For details on operations and settings, refer to the following sections in the Operating Instructions.

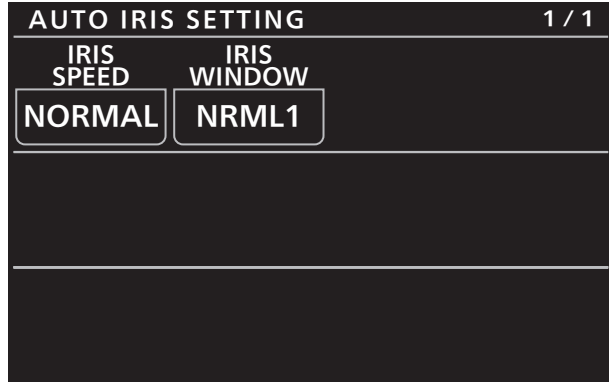
➔ "36 ROP IP SETTING"

22 CAMERA IP SETTING

For details on operations and settings, refer to the following sections in the Operating Instructions.

➔ "37 CAMERA IP SETTING"

23 AUTO IRIS SETTING



Item	Setting details
IRIS SPEED	Sets the control speed of the auto iris function.
IRIS WINDOW	Selects the auto iris detection window.

24 SWITCHER LINK

For details on operations and settings, refer to the following sections in "Functions Added by Version Updates".

➡ "Functions linking with AV-HS6000"

25 AW CONTROLLER LINK

For details on operations and settings, refer to the following sections in "Functions Added by Version Updates".

➡ "Function linking with AW-RP150"