



1080p HDR studio camera system

AK-HC3900

Designed for broadcasting, event and is equipped with a large sensor for high sensitivity and video quality. By combining with AK-HCU250PJ/PSJ/ HCU250EJ/ESJ Camera Control Unit (CCU) and the AK-HRP250GJ Remote Operation Panel (ROP), it is possible to construct a long-distance optical Fiber transmission studio camera system at low cost.

Key Features

Includes a large 4K-CMOS sensor, and achieves a high sensitivity ofF10 (2000 lx) and low noise with an S/N ratio of 62 dB (when using the High Sense Mode).

Includes CAC (Chromatic Aberration Compensation), skew reduction, and DRS (Dynamic Range Stretcher) functions.

Includes Digital Extender function (2x).

Supports HDR/BT.709 in HD mode as standard and HDR/BT.2020 in 4K mode. *When 4K upgrade kit is installed on AK-HC3900G and the AK-HCU250

4K upgrade enables 4K video to be output with a horizontal resolution of 2,000 TV lines. *When 4K upgrade kit is installed on AK-HC3900G and the AK-HCU250

Panasonic CONNECT









AK-HC3900

https://latam.connect.panasonic.com/br/en/products/broadcast-proav/ak-hc3900

General -> Power Supply	DC 12 V (when using an external power supply) DC 190 V (when AK-HCU250PJ/HCU250PSJ/HCU250EJ/ HCU250ESJ is connected)
General -> Power Consumption	82 W (maximum, when connecting to an external 12 V and including supply to an
General-> Power Consumption	9 11 2
	externally connected devices)
	92 W (maximum, when AK-HCU250PJ/HCU250PSJ/HCU250EJ/ HCU250ESJ is connected
General -> Operating Temperature	and including supply to an externally connected devices)
	-10 °C to 45 °C (14 °F to 113 °F)
	(Preheating required under a temperature 0°C (32 °F) or below)
General -> Operating Humidity	85% or less (relative humidity)
General -> Storage Temperature	–20 °C to 60 °C (–4 °F to 140 °F)
General -> Weight	Approx. 4.0 kg (8.80 lbs.) (body only, excluding the accessories)
General -> Dimensions	W 151 mm x H 267 mm x D 369 mm
	(5-31/32 inches x 10-17/32 inches x 14-17/32 inches) (excluding protrusions)
Camera Unit -> Pickup Device	11.14 million pixels, MOS Sensor
Camera Unit -> Optical Filter -> ND	Clear, 1/4, 1/16, 1/64
Camera Unit -> Lens Mount	2/3-type bayonet
	· · · · ·
Camera Unit -> Sensitivity	wo shooting modes
	[HIGH SENS] F10 (59.94 Hz)/F11 (50 Hz)
	[NORMAL] F6 (59.94 Hz)/F7 (50 Hz) 2000 lx, 3200 K, when white reflectivity is 89.9%
Camera Unit -> Horizontal Resolutio > 4K	n -2000 TV lines or above (center, when using AK-HUC01)
> 4K Camera Unit -> Horizontal Resolutio	n -1000 TV lines or above (center)
> HD	
Camera Unit -> S/N	62 dB or shove
	62 dB or above
Camera Unit -> Horizontal Modulatio	
Camera Unit -> Gain Switching ->	-6, -3, 0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36
HIGH SENS	
Camera Unit -> Gain Switching ->	-6, -3, 0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36
NORMAL	
	1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
Camera Unit -> Shutter Speed ->	
[59.94i]/[59.94p] mode	1/60, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed ->	1/60, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode	
Camera Unit -> Shutter Speed -> [59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed ->	1/60, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [25	
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [25 mode	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> [25	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed ->	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed ->	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59,94p/50p/29,97p/25p/23,98p
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed ->	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *When using AK-HUC01
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> (25 mode Camera Unit -> Shutter Speed -> (25 mode Camera Unit -> Shutter Speed -> (23.98p] mode	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59,94p/50p/29,97p/25p/23,98p
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> (23.98p] mode Camera Unit ->	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *When using AK-HUC01
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> (23.98p] mode Camera Unit	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> (23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> (23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 >	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> (23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 > Terminal	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> [23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 > Terminal Video Input/Output -> < AUX >	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> (23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Ierminal Video Input/Output -> < HD-SDI2 > Ierminal Video Input/Output -> < AUX >	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu
S9.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> S0i]/[50p] mode Camera Unit -> Shutter Speed -> 29.97p] mode Camera Unit -> Shutter Speed -> Earnera Unit -> Shutter Speed -> Camera Unit -> Shutter Speed -> Ca	$1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000$ $\mathbf{p}] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000$ $1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000$ $1920 \times 1080/59.94p/50p/29.97p/25p/23.98p$ *when using AK-HUCO1 $3840 \times 2160/59.94p/50p/29.97p/25p/23.98p$ BNC \times 1 $3G/1.5G\text{-SDI: }0.8 \text{ V [p-p], }75 \Omega$ BNC \times 1 $3G/1.5G\text{-SDI: }0.8 \text{ V [p-p], }75 \Omega$ BNC \times 1 Functions as terminal/ terminal by switching the setting in the menu : $3G/1.5G\text{-SDI: }0.8 \text{ V [p-p], }75 \Omega$
59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> 50i]/[50p] mode Camera Unit -> Shutter Speed -> 29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> 23.98p] mode Camera Unit //ideo Input/Output -> < HD-SDI1 > Terminal //ideo Input/Output -> < AUX > Terminal //ideo Input/Output -> < AUX > Terminal //ideo Input/Output -> < AUX > Terminal	$1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 \\ \textbf{p} \textbf{j} 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 \\ 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 \\ 1920 \times 1080/59.94p/50p/29.97p/25p/23.98p \\ ^*when using AK-HUC01 \\ 3840 \times 2160/59.94p/50p/29.97p/25p/23.98p \\ BNC \times 1 \\ 3G/1.5G-SDI: 0.8 V [p-p], 75 \Omega \\ BNC \times 1 \\ 3G/1.5G-SDI: 0.8 V [p-p], 75 \Omega \\ BNC \times 1 \\ Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 \Omega \\ VBS signal 1 V [p-p], 75 \Omega \\ VBS signal 1 V [p-p], 75 \Omega \\ $
59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> 50i]/[50p] mode Camera Unit -> Shutter Speed -> 29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> 23.98p] mode Camera Unit -> Shutter Speed -> 23.98p] mode Camera Unit //ideo Input/Output -> < HD-SDI1 > ferminal //ideo Input/Output -> < AUX > ferminal //ideo Input/Output -> < AUX > ferminal	$1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 \\ \textbf{p} \textbf{j} 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 \\ 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 \\ 1920 \times 1080/59.94p/50p/29.97p/25p/23.98p \\ *when using AK-HUC01 \\ 3840 \times 2160/59.94p/50p/29.97p/25p/23.98p \\ BNC \times 1 \\ 3G/1.5G-SDI: 0.8 V [p-p], 75 \Omega \\ BNC \times 1 \\ 3G/1.5G-SDI: 0.8 V [p-p], 75 \Omega \\ BNC \times 1 \\ Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 \Omega \\ VBS signal 1 V [p-p], 75 \Omega \\ XLR \times 1, 3-pin (female)$
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> (23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 > Terminal Video Input/Output -> < AUX > Terminal Audio Input/Output -> < MIC 2 >	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUCO1 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω SNC x 1 XLR x 1, 3-pin (female) // switchable
59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> 50i]/[50p] mode Camera Unit -> Shutter Speed -> 29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> 23.98p] mode Camera Unit -> Shutter Speed -> 23.98p] mode Camera Unit //ideo Input/Output -> < HD-SDI1 > ferminal //ideo Input/Output -> < AUX > ferminal //ideo Input/Output -> < AUX > ferminal	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu
S9.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> S0i]/[50p] mode Camera Unit -> Shutter Speed -> 29.97p] mode Camera Unit -> Shutter Speed -> 25.97p] mode Camera Unit -> Shutter Speed -> 25.98p] mode Camera Unit -> Shutter Speed -> 23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < AUX > Terminal Camera Unit -> < AUX > Camera Unit -> Came	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> (23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < AUX > Terminal Video Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC 2 > Terminal	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω : VBS signal 1 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR x 1, 3-pin (female)
S9.94i]/[59.94p] mode	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected
S9.94i]/[59.94p] mode	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω : VBS signal 1 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR x 1, 3-pin (female)
S9.94i]/[59.94p] mode	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω : VBS signal 1 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR x 1, 3-pin (female) // switchable
S9.94i]/[59.94p] mode	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω : VBS signal 1 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> (23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 > Terminal Video Input/Output -> < MIC > Terminal Audio Input/Output -> < MIC > Terminal Audio Input/Output -> < MIC > Terminal Audio Input/Output -> < MIC > Terminal	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω : VBS signal 1 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [25 mode Camera Unit -> Shutter Speed -> [23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 > Terminal Video Input/Output -> < MIC > Terminal Audio Input/Output -> < MIC > Terminal	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω : VBS signal 1 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> [25.00] Camera Unit -> Shutter Speed -> (23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 > Terminal Video Input/Output -> < MIC > Terminal Audio Input/Output -> < MIC > Terminal	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 × 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUCO1 3840 × 2160/59.94p/50p/29.97p/25p/23.98p BNC × 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC × 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω SNC × 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω C VBS signal 1 V [p-p], 75 Ω XLR × 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR × 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [25.97p] mode Camera Unit -> Shutter Speed -> [23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 > Terminal Video Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC > Terminal Other Input/Output -> < OPT FIBER > Terminal Other Input/Output -> < LENS >	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω : VBS signal 1 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 > Terminal Video Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC > Terminal Audio Input/Output -> < MIC > Terminal Audio Input/Output -> < MIC > Terminal Other Input/Output -> < OPT FIBER > Terminal Other Input/Output -> < LENS > Terminal Other Input/Output -> < LENS > Terminal	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59,94p/50p/29,97p/25p/23,98p *when using AK-HUC01 3840 x 2160/59,94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω SNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected MaIXLR x 1, 5-pin, female type · Optical composite connector x 1
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [25.97p] mode Camera Unit -> Shutter Speed -> [23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 > Terminal Video Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC > Terminal Audio Input/Output -> < MIC > Terminal Audio Input/Output -> < MIC > Terminal Other Input/Output -> < OPT FIBER > Terminal Other Input/Output -> < LENS > Terminal Other Input/Output -> < VF > Terminal Other Input/Output -> < VF > Terminal	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected MALX x 1, 5-pin, female type Optical composite connector x 1 12-pin x 1
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> (23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 > Terminal Video Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC > Terminal Other Input/Output -> < COPT FIBER > Terminal Other Input/Output -> < VF> Terminal	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected MALX x 1, 5-pin, female type Optical composite connector x 1 12-pin x 1
(59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> (50i]/[50p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> (29.97p] mode Camera Unit -> Shutter Speed -> (23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 > Terminal Video Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC > Terminal Other Input/Output -> < COPT FIBER > Terminal Other Input/Output -> < VF> Terminal	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected MALX x 1, 5-pin, female type Optical composite connector x 1 12-pin x 1
[59.94i]/[59.94p] mode Camera Unit -> Shutter Speed -> [50i]/[50p] mode Camera Unit -> Shutter Speed -> [29.97p] mode Camera Unit -> Shutter Speed -> [25.97p] mode Camera Unit -> Shutter Speed -> [23.98p] mode Camera Unit Video Input/Output -> < HD-SDI1 > Terminal Video Input/Output -> < HD-SDI2 > Terminal Video Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC 2 > Terminal Audio Input/Output -> < MIC > Terminal Other Input/Output -> < OPT FIBER > Terminal Other Input/Output -> < LENS >	1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 p] 1/48, 1/50, 1/60, 1/96, 1/100, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1/48, 1/50, 1/60, 1/96, 1/100, 1/120, 1/125, 1/250, 1/500, 1/1000, 1/1500, 1/2000 1920 x 1080/59.94p/50p/29.97p/25p/23.98p *when using AK-HUC01 3840 x 2160/59.94p/50p/29.97p/25p/23.98p BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω BNC x 1 Functions as terminal/ terminal by switching the setting in the menu : 3G/1.5G-SDI: 0.8 V [p-p], 75 Ω XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected XLR x 1, 3-pin (female) // switchable : 0 dBu : -60 dBu, -40 dBu, or -20 dBu menu can be selected MALX x 1, 5-pin, female type Optical composite connector x 1 12-pin x 1

Other Input/Output - > < LAN > Terminal

RJ-45 x 1