

**A8S**  
4K CAMCORDER ASSIST

- A8 with HDMI input & output
- A8S with HDMI / SDI input & output

1920×1200 Resolution    3D-LUT    4K-HDMI / 3G-SDI



### A Better Camera Mate

A8/A8S, matches with world-famous 4K/FHD camera brands, to assist cameraman in better photography experience.

- 8bit Full HD Display**
  - 8.9" 16:10 8bit IPS LCD panel with 1920×1200 native resolution, enjoy sharper, more detailed image with richer colors than ever before.
  - 800:1 high contrast, 350cd/m<sup>2</sup> high brightness and 170° wide viewing angles, for excellent viewing experience.
- 4K HDMI / 3G-SDI Input & Loop Output**
  - SDI format supports 3G-SDI signal, 4K HDMI format supports 4096×2160 24p / 3840×2160 (23/24/25/29/30p).
  - HDMI / SDI signal can loop output to the other monitor or device when HDMI / SDI signal input to A8/A8S.

### 3D LUT

Wider color gamut range to make precise color reproduction of Rec. 709 color space with built-in 3D LUT, featuring 8 default logs and 6 user logs.

**8 DEFAULT LOGS**

- \* SLog2ToLC-709
- \* SLog2ToLC-709TA
- \* SLog2ToSLog2-709
- \* SLog2ToCine+709
- \* SLog3ToLC-709
- \* SLog3ToLC-709TA
- \* SLog3ToSLog2-709
- \* SLog3ToCine+709

**3D LUT LOAD**  
Supports loading the .cube file via USB flash disk.

**PEAKING FILTER**    **ASPECT MARKER**    **AUDIO LEVEL METER / HISTOGRAM**

### Camera Auxiliary Functions

A8/A8S provides plenty of auxiliary functions for taking photos and making movies, such as peaking, false color and audio level meter.

Peaking    False color    Histogram    Exposure    Level meter    Image flip    Pix to pix    Grid    Check field    Zoom    Underscan    Image freeze    Aspect ratio    Center marker    Screen marker



### Portable Design

Compact and light-weight body, which make great convenient for cameraman in outdoor environment.

**Sony F970 Battery Plate**  
Providing 3-4 hours working time for cameraman in shooting applications.

**Easy-to-use**  
F1&F2 user-definable buttons to custom auxiliary functions as shortcut, such as peaking, underscan and checkfield. Use the arrow buttons to select and adjust the value among of sharpness, saturation, tint and volume, etc. 75mm VESA and hot shoe mounts to fix A8/A8S on the top of camera or camcorder.  
Note: EXIT(F2) button(A8S), the F2 shortcut function is available under non menu interface, the EXIT function is available under menu interface.

## SPECIFICATIONS

<b>DISPLAY</b>	Display Screen	8.9" 8bit IPS
	Physical Resolution	1920×1200
	Aspect Ratio	16:10
	Brightness	350cd/m <sup>2</sup>
	Contrast	800:1
<b>INPUT</b>	HDMI 1.4	1
	3G-SDI	1 (A8S)
<b>OUTPUT</b>	HDMI 1.4	1
	3G-SDI	1 (A8S)
<b>AUDIO</b>	Speaker	1
	Ear Phone Jack	1
<b>POWER</b>	Current	1A (12V)
	Input Voltage	DC 7-24V
	Battery Plate	F970
	Power Consumption	≤10W
<b>ENVIRONMENT</b>	Operating Temperature	0℃~50℃
	Storage Temperature	-10℃~60℃
<b>DIMENSION</b>	Dimension (LWD)	225×155×23mm
	Weight	435g
<b>HDMI FORMAT</b>	4K HDMI	4096×2160 24p / 3840×2160 (23/24/25/29/30p)

Note: Due to constant effort to improve products and product features, specifications may change without notice.



# A8S

## HDMI Format Table

Input Signal	Signal Format	Color Type
720x480	720x480 (59.94i/60i/59.94p/60p)	RGB
		YCbCr
720x576	720x576 (50i/50p)	RGB
		YCbCr
1280x720	1280x720 (23.98p/24p/25p/29.97p/30p/50p/59.94p/60p)	RGB
1920x1080	1920x1080(23.98p/24p/25p/29.97p /30p/50i/59.94i/60i/50p/59.94p/60p)	RGB
		YCbCr
3840x2160	3840x2160 (23.98/24/25/29.97p/30p)	RGB
		YCbCr
4096x2160	4096x2160 (23.98p/24p)	RGB
		YCbCr
800x600	800x600 (60HZ)	RGB
1024x768	1024x768 (60HZ)	RGB
1280*800	1280*800 (60HZ)	RGB
1600x1200	1600x1200 (60HZ)	RGB

## SDI Format Table

Input Signal	Signal Format	Color Type
SD	525i	YCbCr 4:2:2 10bits
	625i	YCbCr 4:2:2 10bits
HD (1920x720)	1280x720(50p/59.94p/60p/23.98p/24p/25p/29.97p/30p)	YCbCr 4:2:2 10bits
HD (1920x1080)	1920x1080(50i/59.94i/60i/23.98p/23.98sf /24p/24sf/25p/25sf/29.97p/29.97sf/30p /30sf)	YCbCr 4:2:2 10bits
3G-LevelA (1920x1080)	1920x1080(50p/59.94P/60P)	YCbCr 4:2:2 10bits
	1920x1080 (23.98p/24p/25p/29.97p/30p/50i/59.94i/60i)	GBR 4:4:4 10bits
		GBR+A 4:4:4 10bits
		YCbCr 4:4:4 10bits
		YCbCr+A 4:4:4 10bits
		GBR 4:4:4 12bits
		YCbCr 4:4:4 12bits
	1920x1080 (23.98sf/24sf/25sf/29.97sf/30sf)	GBR 4:4:4 10bits
		GBR+A 4:4:4 10bits
		YCbCr 4:4:4 10bits
YCbCr+A 4:4:4 10bits		
3G-LevelA (1280x720)	1280x720 (50p/59.94p/60p/23.98p/24p/25p/29.97p/30p)	GBR 4:4:4 10bits
		GBR+A 4:4:4 10bits
		YCbCr 4:4:4 10bits
		YCbCr+A 4:4:4 10bits
3G-Level B(1920x1080)	1920x1080(50p/59.94/60P)	YCbCr 4:2:2 10bits
	1920x1080 (23.98p/23.98sf/24p/24sf/25p/25sf/29.97p/29.97sf/30p/30sf/50i/59.94i/60i)	GBR 4:4:4 10bits
		GBR+A 4:4:4 10bits
		YCbCr 4:4:4 10bits

		YCbCr+A 4:4:4 10bits
		GBR 4:4:4 12bits
		YCbCr 4:4:4 12bits
		YCbCr 4:2:2 12bits
		YCbCr+A 4:2:2 12bits