

8K60Hz Portable Camera

AB-4831



An 8K60Hz portable camera equipped with a camera sensor featuring a global shutter function and image processing function.

8K video can be output in real-time with 4 lines of 12G-SDI for use in live events such as stage performances and sports matches.

The camera can be controlled externally by connecting a remote controller (RB-4816-2).

[Captures video with less distortion due to the use of global shutter]

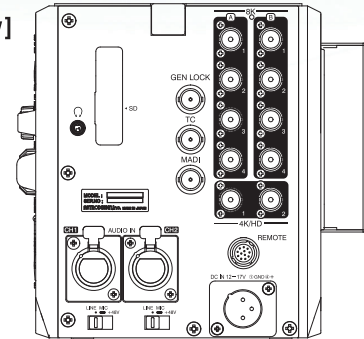


Global Shutter



Rolling Shutter

[Rear View]



Camera Specifications

Item	Specifications
Image Sensor	Super 35mm CMOS Sensor 24.576mm × 13.824mm
Effective Pixels	About 33 million pixels
ADC Bit Depth	12-bit
ND Filter Position	Clear, 1/4 ND, 1/16 ND, 1/64 ND
CC Filter Position	3200K, 4400K, 5900K, CAP
Lens Mount	PL Mount
Latitude	11 Stop
Electronic Shutter	1/24~1/10000
Frame Frequency	23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
Gain	-3, 0, +3, +6, +9, +12, +18dB
Gamma Curve	<ul style="list-style-type: none"> • SDR (Dynamic Range 100, 200, 400, 600) • HLG (Dynamic Range 100, 200, 250, 400) • Log Gamma
Color Gamut	ITU-R BT.2020, BT.709
Dimensions	148 (W) × 150 (H) × 241 (D) mm (Excluding Protrusions)

Input/Output Specifications

Item	Specifications						
8K/4K Output Connector (Select from 8K/8K, 8K/4K, 4K/8K, 4K/4K)	<table border="1"> <tr> <td>BNC × 8</td> <td>12G-SDI × 4 8K: 50p, 59.94p, 60p</td> </tr> <tr> <td></td> <td>6G-SDI × 4 8K: 23.98p, 24p, 25p, 29.97p, 30p</td> </tr> <tr> <td></td> <td>3G-SDI × 4 4K: 50p, 59.94p, 60p</td> </tr> </table>	BNC × 8	12G-SDI × 4 8K: 50p, 59.94p, 60p		6G-SDI × 4 8K: 23.98p, 24p, 25p, 29.97p, 30p		3G-SDI × 4 4K: 50p, 59.94p, 60p
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4K/HD Output Connector (Select from 4K/4K, 4K/HD, HD/4K, HD/HD)	<table border="1"> <tr> <td>BNC × 2</td> <td>12G-SDI 4K: 50p, 59.94p, 60p</td> </tr> <tr> <td></td> <td>6G-SDI 4K: 23.98p, 24p, 25p, 29.97p, 30p</td> </tr> <tr> <td></td> <td>HD-SDI HD: 23.98p, 24p, 25p, 29.97p, 30p, 50i, 59.94i, 60i</td> </tr> </table>	BNC × 2	12G-SDI 4K: 50p, 59.94p, 60p		6G-SDI 4K: 23.98p, 24p, 25p, 29.97p, 30p		HD-SDI HD: 23.98p, 24p, 25p, 29.97p, 30p, 50i, 59.94i, 60i
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Analog Audio Connector	Audio IN XLR 3-pin (female) × 2 (phantom power available) <ul style="list-style-type: none"> • Line Level (0dBu) • Mic Level (-60 dBu) 						
Headphone Jack	Stereo mini jack × 1						
VF OUT Connector	HIOSE multi-pole pin (+12V 1A Power) × 1						
TC Connector	BNC × 1						
Genlock Connector	BNC × 1						
MADI Connector	BNC × 1						
Remote Connector	HR10 12-pin round connector × 1						
Lens Connector	HR10 12-pin round connector × 1 (Lens serial interface Rev. 1.03 compliant)						