

Specifications

GW-SP100		
General		
Power		DC 7.4V (using battery), DC 11V to 17V (using AC adapter)
Dimensions (W x H x D)	Camera	89 x 80 x 51 mm
	Video	248 x 62 x 265 mm (with LCD unit installed: H 82 mm)
	Controller	150 x 100 x 30 mm
Mass (approx.)	Camera	265 g without lens
	Video	Approx. 1.6 kg When installed with two SSL-JVC50 batteries: Approx. 2.1 kg When installed with two SSL-JVC50 batteries and LCD unit: Approx. 2.6 kg
	Controller	Approx. 235 g
Temperature		Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 50°C (-4°F to 122°F)
Humidity		30% to 80%
Camera		
Image sensor		Super 35mm 13.6M CMOS
Lens mount		Micro FourThirds Mount
Main unit		
Recording media	4K	SDHC/SDXC UHS-I (UHS Speed Class 3 or more)
	HD	SDHC/SDXC (Class 10 or more, class 4 or more for AVCHD recording)
Number of recording media slots		4 (4K: 2/HD: 2)
Recording format	4K	MPEG-4/AVC H.264 (.MOV)
	HD	MPEG-4/AVC H.264 (.MOV), AVCHD (.MTS)
Recording mode/ Frame rate	4K (.MOV)	3840 x 2160/59.94p, 29.97p, 23.98p*1, 50p, 25p; VBR: Max. 150Mbps
	HD (.MOV)	1920 x 1080/59.94p, 29.97p, 23.98p*1, 50p, 25p, 59.94i, 50i; VBR: Max. 50Mbps
	HD (.MTS)	1920 x 1080/59.94p, 50p, 59.94i, 50i; VBR: Max. 28Mbps
Audio format		2ch LPCM/2ch AC3 (AVCHD)
LCD		7-inch (1920 x 1080) Full HD Removable, foldable
Terminals		
Video output*2,*3		3G-SDI x 4 (4K: 3G-SDI x 4/HD: 3G-SDI x 1) HD-SDI x 1 HDMI x 1 (4K/HD), AV x 1
Audio input		XLR x 2 (MIC/MIC + 48V/LINE)
AUX		3.5 mm diameter stereo mini jack (-22dBu, 10kΩ)
Headphones		3.5 mm diameter stereo mini jack
USB		Device: Mini USB-B type, USB 2.0, slave function (mass storage class only) Host*1: USB-A type, USB 2.0
Remote		Terminal 1: Mini DIN 6-pin Terminal 2: 2.5mm wired remote
Genlock input*1		BNC 1.0V (P-P), 75Ω
TC terminal*1	IN	BNC 1.0 to 4.0V (P-P), High impedance
	OUT	BNC 2-0 (P-P), Low impedance
DC input*4		XLR 4-pin

*1: Feature update (update timing varies depending on the function)
*2: Simultaneous 4K output from 3G-SDI x 4 and HDMI is not possible.
2015 Summer feature upgrade (scheduled)
● Recording mode/frame rate 4K (.mov): 3840 x 2160/23.98p, HD (.mov): 1920 x 1080/23.98p
● USB host: USB-A type, USB 2.0
● Genlock input, TC terminal
*3: Simultaneous use of LCD display and video output is not possible while the camera is running on battery power.
*4: For power source, use optional DC input (XLR 4-pin, DC 11V-17V), or 2 optional batteries (SSL-JVC50). Optional battery charger (LC-2U) is also required.
NOTE: Cables for the camera unit (1m, 5m, and 10m) are optionally available. Metal cable adapter is required when using a 5m or 10m cable.

Micro FourThirds and Micro FourThirds logo are registered trademarks or trademarks of Olympus Imaging Corporation in Japan, the United States, EU and/or other countries. AVCHD and AVCHD logo are trademarks of Panasonic Corporation and Sony Corporation. Dolby and AC3 are registered trademarks of Dolby Laboratories. The SD, SDHC and SDXC are trademarks of the SD-3C, LLC. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. Wi-Fi, Wi-Fi Direct, Wi-Fi Logo, and Wi-Fi Certified Logo are registered trademarks of the Wi-Fi Alliance®. Product and company names mentioned here are trademarks or registered trademarks of their respective owners.

Simulated pictures.
The values for weight and dimensions are approximate.
E.&O.E. Design and specifications subject to change without notice.



DISTRIBUTED BY



4K Camera System
with small camera head
GW-SP100

4K CAM
Super
35mm

Go way beyond. Show every detail.



Two-piece 4K Camera enables shooting anytime, anywhere

The JVC GW-SP100 is comprised of a 4K camera head and recording/playback unit with built-in monitor and RCU controller. Its separate design lets you shoot high quality images with extreme versatility.

Array of external connectors:
3G-SDI x4, HD-SDI x1, HDMI x1, and USB x2

Detachable/foldable 7-inch full HD LCD monitor

Control box

4K

HD

Simultaneous recording of 4K and HD videos – safe for backup

- 4K+4K, HD+HD, 4K+HD*1 recording
- Series recording, dual recording, and HD proxy*1 recording
- SDXC UHS-1 (U3) (capable of 50-min recording of 64GB at 4K/60p)
- Synchronized application of multiple cameras*1

Lens not included

*1: Available as feature update

Compact 4K camera unit with Super 35mm CMOS sensor

At the heart of the GW-SP100 is a Super 35mm 13.6M CMOS sensor that enables high-sensitivity, high-definition videography. It supports 4K/60p, recording, and has dual codecs for 4K+4K, 4K+HD*1 or HD+HD recording.



**Super
35mm**

Micro Four Thirds lens mount for interchangeable lenses

Adoption of the Micro Four Thirds system lens mount ensures that every scene can be shot with the optimum lens. It also supports use of adapters for implementation in various industrial and professional applications, including microscopy for medical use.



Small, lightweight design and remote operation

The separate design contributes to its small size and versatility. Cables in 3 sizes of 1m, 5m, and 10m are available optionally for added reach with remote controlled operation.

4K Camera System with small camera head GW-SP100



Compact, high-resolution camera for medical use



When recording in a narrow, limited space



Unique styling, upgraded versatility

Since the camera head is separate from the recorder, this opens up many dedicated applications for the system, including use for industrial or film applications, on special vessels/cranes/trucks, or as a high-resolution microscope camera and recording system.

Optional accessories

Cables for camera unit (1m/5m/10m)

Metal cable adapter KA-MA001 required when using the 5m or 10m cable.

- 5m: KA-CC005
- 10m: KA-CC010
- Long cable solution <Upgrade>



● 1m: KA-SC001



● KA-MA001

Lithium-Ion Battery SSL-JVC50

Uses 2 lithium-ion batteries by IDX. Separate Battery Charger LC-2J by IDX is available for battery recharging.

