## 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<br>When installed with two SSL-JVC50 batteries: Approx. 2.1 kg<br>When installed with two SSL-JVC50 batteries and LCD unit: Approx. 2.6 kg |
| | Controller | Approx. 235 g |
| Temperature | | Operating: 0℃ to 40℃ (32℉ to 104℉); Storage: -20℃ to 50℃ (-4℉ to 122℉) |
| 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<br>Removable, foldable |

| Terminals | | |
|---|---|---|
| Video output*2,*3 | | 3G-SDI x 4 (4K: 3G-SDI x 4/HD: 3G-SDI x 1)<br>HD-SDI x 1<br>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)<br>Host*1: USB-A type, USB 2.0 |
| Remote | | Terminal 1: Mini DIN 6-pin<br>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-2J) 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.

# JVC

## 4K Camera System
with small camera head
# GW-SP100

**4K CAM**

**Super 35mm**

## Go way beyond. Show every detail.

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# 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

Lens not included
*1: Available as feature update

## 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

### 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 FOURTHIRDS**

### 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.

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**4K Camera System**
with small camera head
# GW-SP100

Compact, high-resolution camera for medical use

When recording in a narrow, limited space

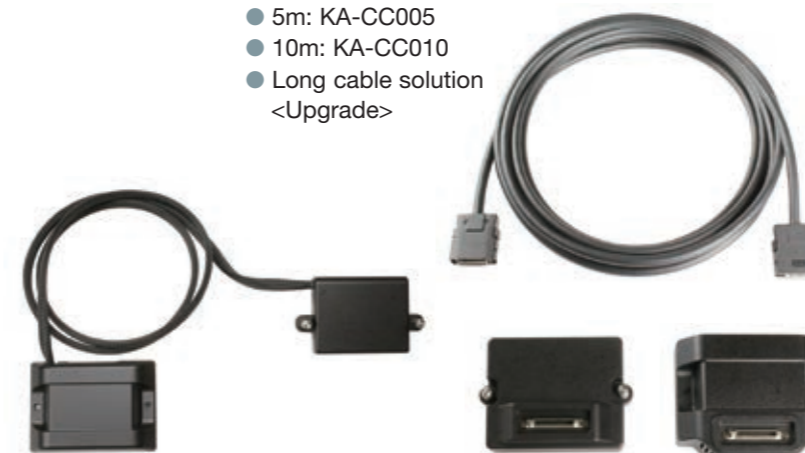## Unique styling, upgraded versatility

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.