

JVC[®]
PROFESSIONAL

PRELIMINARY

JY-VS200U

DV Camcorder with Digital Still Capability

PROFESSIONAL DV

New Product News



Mini **DV** NTSC

- Automatic/Manual focus lens
- 300:1 digital zoom/10:1 optical zoom
- 16:9/4:3 switchable
- 680,000-pixel progressive scan CCD
- IEEE 1394 input/output
- On-screen audio level indicator
- Built-in color bar generator
- Accurate Image-Shift aspherical lens
- Video snapshot mode (VGA still on tape)
- SD Memory Card/MultiMediaCard compatibility (VGA, SVGA, XGA, UXGA)
- USB connectivity (compatible with MAC and PC)
- Rectangular sun-shade hood
- Quick record with power-linked operation

FEATURES

Natural motion pictures

680,000-pixel progressive scan CCD

The JY-VS200U uses a 680,000-pixel progressive scan CCD to record motion pictures with higher vertical resolution. Progressive scan is ideal for capturing video for Internet streaming as progressive signals require less bandwidth for transmission.

IEEE 1394 input/output

This allows bi-directional transfer of a high-quality compressed digital motion-picture signal to a computer, a non-linear editing system, or to another DV recorder.

Audio level indicator

This indicator appears when recording starts, providing the operator with on-screen audio recording level indication and an immediate visual confirmation that recording has started.

Built-in color bar generator

Allows color, contrast and brightness of the monitor settings to be adjusted quickly and easily for true picture reproduction and critical viewing.

High-resolution stills

New AIS lens

The AIS (Accurate Image Shift) Lens includes two multi-coated aspherical lenses that minimize artifacts such as ghosting and flaring. For stills, micron-precise image-shift technology doubles the image data that can be sampled by the CCD. Two independent optical low-pass filters — one optimized for motion pictures and the other exclusively for stills — ensure you to get the best possible results either way.

Video snapshot mode

Allows you to record freeze-frame still images onto tape (VGA Quality) at the touch of a button, together with a shutter-like "click" sound effect and 6 seconds of live audio.

SD Memory Card/MultiMediaCard compatibility

The JY-VS200U can store still images on either an SD Memory Card or MultiMediaCard, allowing you to download pictures directly to a PC.

USB connectivity (compatible with MAC and PC)

The USB interface enables high-speed transfer of digital still image data from camera to computer.

User-Friendly

Rectangular hood

Rectangular sun-shade hood cuts lens flare by matching TV aspect ratio. Its built-in ø55 mm filter ring accepts a myriad of standard optical filters.

Quick power-linked operation

As soon as you pull out the viewfinder or open the LCD monitor, the camera automatically powers up and you are ready to shoot.

Dual shooting mode

It is possible to shoot motion video and still pictures simultaneously. When the Snapshot button is pressed in the Dual mode, a still picture is recorded on the SD Memory Card or MultiMediaCard while video taping is continued.

Other features

- Progressive mode video recording
- UXGA still image recording function
- Manual focus lens
- 300x digital zoom
- 3.5" LCD monitor
- 110,000-pixel color viewfinder
- Info-shoe (stereo zoom mic option)
- Bundled software (USB Driver and Presto! Mr. Photo /Presto! PhotoAlbum/Presto! ImageFolio for Windows® and Macintosh®)

SPECIFICATIONS

General

Power supply: DC 6.3 V (using AC power adapter/charger)
DC 7.2 V (using battery pack)

Power consumption

LCD monitor off, viewfinder on: Approx. 4.4 W
LCD monitor on, viewfinder off: Approx. 5.3 W

Dimensions (WxHxD): 2-15/16" x 3-9/16" x 7-1/16" (74 x 90 x 178 mm)
(with the LCD monitor closed and the viewfinder pushed back in, without the lens hood)

Weight: Approx. 1.4 lbs. (660 g) (without cassette, memory card and battery)
Approx. 1.7 lbs. (740 g) (incl. cassette, memory card and battery)

Operating temperature: 32°F to 104°F (0°C to 40°C)

Operating humidity: 35% to 80%

Storage temperature: -4°F to 122°F (-20°C to 50°C)

Pickup: 1/4" CCD (Progressive Scan)

Lens: F1.8, f = 3.8 mm, 10:1 power zoom lens

Minimum illumination: 18 lux

Filter diameter: ø52 mm

LCD monitor: 3.5" diagonally measured, LCD panel/TFT active matrix system

Viewfinder: Electronic viewfinder with 0.44" color LCD

Speaker: Monaural

Digital video camera

Format: DV format (SD mode)

Signal format: NTSC standard

Recording/playback format:

Video: Digital component recording

Audio: PCM digital recording, 32 kHz 4-channel (12-bit),

48 kHz 2-channel (16-bit)

Cassette: Mini DV cassette

Tape speed: SP: 18.8 mm/s

LP: 12.5 mm/s

Maximum recording time (using 80 min. cassette):

SP: 80 min.

LP: 120 min.

Digital still camera

Storage media: SD Memory Card/MultiMediaCard

Compression system: JPEG (MAC/PC compatible)

File size: 3 modes (UXGA: 1600 x 1200 pixels/UXGA: 1024 x 768 pixels/VGA: 640 x 480 pixels)

Picture quality: 2 modes (FINE/STANDARD)

Approximate number of storable images

(with the provided MultiMediaCard (16 MB))

FINE: 100 (VGA), 48 (XGA), 20 (UXGA)

STANDARD: 300 (VGA), 144 (XGA), 60 (UXGA)

(with an optional MultiMediaCard (8 MB))

FINE: 50 (VGA), 24 (XGA), 10 (UXGA)

STANDARD: 150 (VGA), 72 (XGA), 30 (UXGA)

Connectors

AV

Video output: 1 V (p-p), 75 ohms, analog

Video input: 0.5 V (p-p) - 2.0 V (p-p), 75 ohms, analog

Audio output: 308 mV (rms), 1 kohm, analog, stereo

Audio input: 308 mV (rms), 50 kohms, analog, stereo

Input/output: 4-pin, IEEE 1394 compliant

DV

PHONE

Headphone output: ø3.5 mm, stereo

MIC

External microphone input: 459 µV (rms), high impedance unbalanced, ø3.5 mm (stereo)

PRINTER: For an optional video printer equipped with a PRINT DATA connector

AC power adapter/charger

Power requirement

U.S.A. and Canada: AC 120 V ~, 60 Hz

Other countries: AC 110 V to 240 V ~, 50 Hz/60 Hz

Power consumption: 23 W

Output

Charge: DC 7.2 V ± 1.2 A

VTR: DC 6.3 V ± 1.8 A

Dimensions (WxHxD): 2-11/16" x 1-1/2" x 4-3/8" (68 mm x 38 mm x 110 mm)

Weight: Approx. 0.56 lbs. (250 g)

Jack box

Connectors

USB: Type B

S-video: Y: 1 V (p-p), 75 ohms, analog output

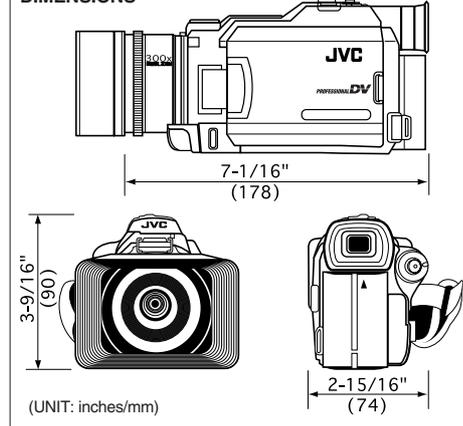
C: 0.29 V (p-p), 75 ohms, analog output

Edit: ø3.5 mm, 2-pole

Provided accessories

- Software (CD-ROM)
- Remote control
- AC power adapter/charger
- Battery pack
- MultiMediaCard (16 MB)
- Shoulder strap
- USB cable
- S-Video cable
- AV cable
- Editing cable
- DC cord
- Jack box
- Lens hood
- AAA battery x 2

DIMENSIONS



Design and specifications subject to change without notice.

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