JVC®
PROFESSIONAL

1/3" 3-CCD DV Camcorder

GY-DV300U

Network Pack

KA-DV300U

Mini DV NTSC



Streamcorder

PROFESSIONAL DV

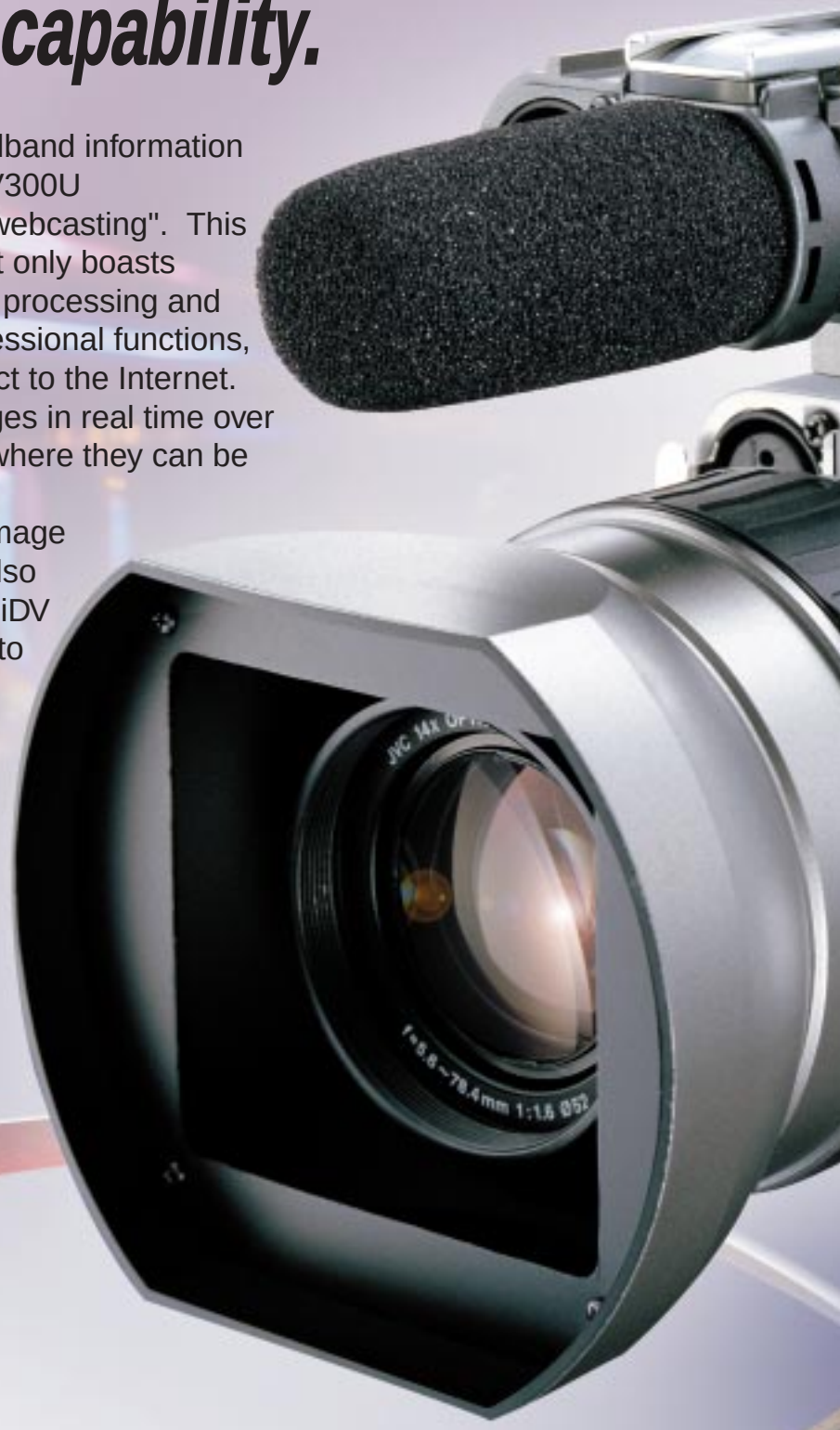
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High-performance 3-CCD camcorder with supe professional-standard functions, plus built-in MPEG4 streaming capability.

Built to meet the needs of today's broadband information distribution networks, JVC's new GY-DV300U "Streamcorder" is the ideal choice for "webcasting". This high-quality 1/3-inch 3-CCD camera not only boasts powerful 12-bit A/D, 12-bit digital signal processing and high-quality MiniDV recording with professional functions, but also comes fully equipped to connect to the Internet. Now you can easily distribute your images in real time over the World Wide Web or local intranets where they can be viewed on remote PCs.

Of course, you're not restricted to live image distribution only. This camcorder can also save image data simultaneously on MiniDV cassettes while streaming or recording to CF cards, so you also transfer your pictures and sound to a digital editing system for editing and processing.

It all adds up to today's most complete and versatile professional camcorder. From ENG to self-operated studio, the new GY-DV300U is setting a new standard for video production and distribution in the broadband era.



Stream



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Realtime MPEG4 streaming capability ideal for live webcasts

Just attach the KA-DV300U network pack to the GY-DV300U, install the PCMCIA card, and you're ready to connect the GY-DV300U to an Internet-connected personal computer (wired or wireless LAN). As the GY-DV300U captures images, it automatically generates MPEG4 files that can be sent to the Internet in real time. Viewers can see those streams in real time simply by accessing the specified IP address on their PC. Ideal for any type of live event — weddings, concerts, and even news reports —, the GY-DV300U sends your images around the world instantly. Economical and easy to set up, the GY-DV300U makes it easy for students to attend lectures via the Internet.
Streaming software ("Streamproducer") is provided with the KA-DV300U, allowing you to connect up to four GY-DV300Us to a single PC and switch them as required before streaming.

Basic streaming system

With the KA-DV300U network pack connected to the GY-DV300U and a PCMCIA card in the pack, the GY-DV300U can connect to a PC via a wired/wireless LAN. Installing the "Streamproducer" streaming software on the PC allows up to four GY-DV300Us to be connected and switched on the PC.
Create a publishing point for distribution.
Images and sound captured with the GY-DV300Us can be streamed as MPEG4 files via the PCMCIA card to the PC. The MPEG4 files are then processed by Streamproducer and made available for viewing on the Internet.
When people access the publishing point IP address, they can play back the MPEG4 files with the Media Player on their PC. Streams up to 15 fps (352 x 288) are assured.



Powerful 3-CCD imaging, 12-bit A/D, 12-bit DSP and 14x zoom lens for superior performance

3-CCD camera for high-quality picture

3-CCD

To ensure the best possible image quality, the GY-DV300U incorporates three 1/3" 410,000 CCDs (effective 380,000 pixels). Each CCD is equipped with highly advanced circuitry that virtually eliminates vertical smear when shooting bright lights in a dark room. Lag and image burn are also reduced to indiscernible levels, while high sensitivity of F11 at 2000 lux assures creative flexibility and simplifies lighting requirements.

Newly-developed 12-bit A/D and 12-bit DSP



The 12-bit A/D allows direct digital input to the DSP without passing through analog pre-gain and pre-knee circuits, eliminating signal degradation. In addition, JVC's new DSP with advanced 12-bit video processing brings out natural details, eliminates spot noise, and accurately reproduces dark areas.

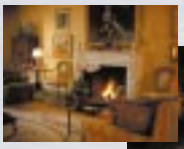
400% dynamic range

By creating an ultra-smooth gamma curve calculated with a true log scale algorithm, a dynamic range of 400% is obtained, making it possible to accurately reproduce fine details and subtle colors throughout the picture, including shadowed and highlighted areas.

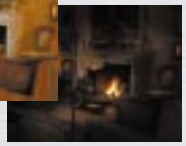
14x zoom lens

Both auto and manual focus and iris control are available. 14x zoom speed can be varied as required and the large diameter focus ring ensures smooth, accurate focusing, allowing you to shoot the intended images. An optical image stabilizer (inner focus) helps stabilize zoom images.

LOLUX 2.65 lux (100% video out)



LOLUX



NORMAL

When activated, the LOLUX mode increases sensitivity with almost no increase in noise. LOLUX increases the gain by 16x (+24 dB) so you can capture high-quality video footage with excellent color balance in low-light conditions.

Optical image stabilizer

To minimize jittery images when shooting with the handheld GY-DV300U, an optical image stabilizer is provided.

AE (automatic exposure) function

Brightness is automatically adjusted by combining the gain, shutter speed and iris.

Full auto shooting

When the GY-DV300U is in the Auto mode, iris, shutter speed, gain, white balance, audio rec level and optional image stabilizer are all adjusted automatically according to the shooting conditions.
Picture quality can be adjusted manually, with individual settings available for master black, detail, DTL frequency, V resolution, auto knee, black and color matrix.

16:9 (letterbox) and 4:3 aspect ratios

The screen can be switched between 4:3 and 16:9, allowing you to record signals with the aspect ratio appropriate to the application.

Optional wide conversion lens

For telephoto and wide-angle shooting without sacrificing lens performance, optional telephoto and wide-angle conversion lenses are available.

One-push auto focus/auto iris

When the focus or iris switch is set to MANUAL, the Auto Focus mode or Auto Iris mode can be engaged by pressing and holding the PUSH AUTO FOCUS or PUSH AUTO IRIS button.

Cinema Gamma

You can select an S-shape gamma curve mode that gradually changes gradations in the dark and high-brightness areas. This will provide film-like color gradations in the images you shoot.

Realtime MPEG4 streaming (GY-DV300



1. Shooting

Just start shooting your footage with the GY-DV300U. Audio and video signals are simultaneously recorded on a MiniDV tape and encoded as an MPEG4/ASF file via the KA-DV300U.

2. Transferring Data to a PC

The KA-DV300U features built-in MPEG4/ASF encoding and can accept three types of PCMCIA cards.

Wireless LAN card for streaming

Wired LAN card for streaming

CF card for ASF file recording

Recording time on CF cards

128M	30 minutes (ASF file)
256M	60 minutes (ASF file)
512M (to be released soon)	120 minutes (ASF file)

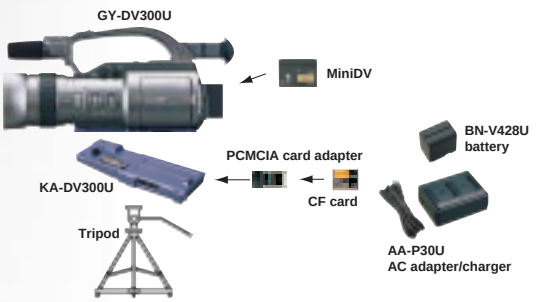
** Picture quality rate*
Pixel size: 352 x 288 dots
Video transmission rate: 384 kbps
Audio transmission rate: 32 kbps
Max. frame rate: 12 frames/s

Applications

System 1

Single ENG system

You can record images simultaneously on a tape and a CF card. With a 256 MB CF card, MPEG4/ASF files can be recorded for up to 1 hour at the highest CIF quality. MPEG4/ASF data recording can be triggered simultaneously, or independently from the DV tape.



Product name	Model name	Quantity	Remarks
DV camcorder	GY-DV300U	1	
Network pack	KA-DV300U	1	
CF card		2	1 replacement
Battery	BN-V428U	4	3 replacements
AC adapter/charger	AA-P30U	1	
MiniDV tape	M-DV63PRO	5	
Tripod		1	

System 2

Self-operated studio system

Even if you're working on your own, you can still present your images in person. While footage is being recorded on a MiniDV tape, it is simultaneously converted to ASF files that can be distributed over the network. Pre-recorded MiniDV tapes can also be converted to ASF files for netcasting or recorded on the CF card for delayed playback. MPEG4/ASF files can be viewed and recorded on a remote PC.



Product	Model	Quantity	Comments
DV camcorder	GY-DV300U	1	
Network pack	KA-DV300U	1	
Wireless LAN card		2	1 for camcorder and 1 for PC
PC		1	Pentium III, 1 GHz, memory: 256 MB or more, HDD: 2 GB or more, OS: Windows 2000 Professional
Software	Streamproducer	1	Provided with KA-DV300U
Microphone	MV-P618U	1	
Microphone holder	KA-A33U	1	
Battery	BN-V428U	4	3 replacements
AC adapter/charger	AA-P30U	1	
MiniDV tape	M-DV63PRO	5	
Tripod		1	

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...U + KA-DV300U with PCMCIA card)



3. NetCasting

Distribute your sound and images in realtime over a local network or the Internet via a PC with JVC's "Streamproducer" streaming software installed.

Streamproducer

- Displays images from the camcorder.
- Saves ASF files from the camcorder to the PC.
- Plays back ASF files.
- Streams ASF files from the camcorder to the Internet.
- Switches up to four sources (camcorders and/or stored data) for streaming.

4. Viewing

Images and sound can be seen and heard at the specified website via Internet or Intranet using Windows Media Player (ver. 7.1 or later) and a web browser (IE 5.0 or later).

** Streaming quality depends on network conditions.*

Remote Setting

Camera setting, VTR control and live image capture are all possible from a remote location using only a web browser. No custom software is necessary.



System 3

Internet live broadcasting system

You can record live events such as sports, concerts, weddings and lectures on a MiniDV tape, while streaming the same material via the Internet in real time.

** Streaming distribution system and server not included.*



Product name	Model name	Quantity	Remarks
DV camcorder	GY-DV300U	1	
Network pack	KA-DV300U	1	
Wireless LAN card		2	1 for camcorder and 1 for PC
LAN cable		1	LAN cross cable
PC		1	Pentium III, 1 GH, memory: 256 MB or more, HDD: 2 GB or more, OS: Windows 2000 Professional
Software	Streamproducer	1	Provided with KA-DV300U
VTR	BR-DV600UA	1	VTR for backup
DV cable		1	For connection between the GY-DV300U and BR-DV600UA
Monitor		1	
BNC cable & RCA cable		1	For connection between the BR-DV600UA and monitor
Microphone	MV-P618U	1	
Microphone holder	KA-A33U	1	
Battery	BN-V428U	4	3 replacements
AC adapter/charger	AA-P30U	1	
MiniDV tape	M-DV63PRO	5	
Tripod		1	

Glossary

ASF (Advanced Streaming Format):
An extensible file format that can store synchronized multimedia data (including motion pictures, sound, and text) and deliver it over a wide variety of networks and protocols while still proving suitable for local playback.

CIF (Common Intermediate Format):
Standardized video signal format for low bit rate communication. Supports moving pictures with the resolution of H352 x V288 pixels and frame rates up to 30fps.

kbps (kilobits per second):
Unit for data transmission speed. 1 kbps =1000 bits per second.

MPEG4:
Compression system developed for distribution of low-quality, high-compression video over low-bandwidth lines such as telephone lines and cellular phone. Moving pictures and sound can be reproduced with transmission speed of about 64 kbps.

QCIF (Quarter Common Intermediate Format):
Standardized video signal format for communication with at even lower bit rates than CIF. QCIF uses 1/4 the number of pixels used by CIF and provides 1/2 the resolution (H176 x V144 pixels). Supports moving pictures at up to 30fps.

Streaming: A method for transferring multimedia data such as video and audio over a network (Internet, etc.) that allows the receiving device to start playing back the data before the entire file is received.

Wireless LAN: LAN system in which data is transmitted/received with wireless communication. Each terminal must have a wireless LAN card.

Windows Media Player: Utility software for playing back moving pictures and sound.

* Product and company names mentioned here are trademarks or registered trademarks of their respective owners.



Reliable recording system for high-quality MiniDV pictures and PCM audio

MiniDV recording system with SP/LP mode

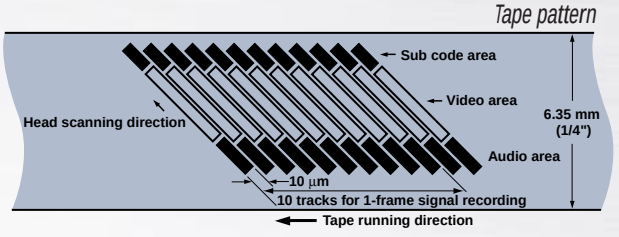


The GY-DV300U combines the convenience and affordability of MiniDV with the high-quality camera performance you need for professional use. Up to 80 minutes* of high-quality 8-bit, 13.5 MHz, 4:1:1 DV component digital images can be recorded on a single MiniDV tape, assuring you the high-quality, non-degradable images you need for top results in post-production editing. Impressive horizontal resolution of 500 lines is achieved when signals are played back via DV output. The high-quality SP mode and up to 90-minute ** recording LP mode are available to choose from depending on your requirements.

** With an M-DV80 tape.*

*** The LP mode can be used only with a tape for 60 minutes or less.*

Tape pattern



Blank Search

A non-recorded section of the tape, such as the end point of a recording, is detected. The GY-DV300U enters the Stop mode at that point.

High-quality PCM audio



To complement the superior pictures, the GY-DV300U offers outstanding digital PCM sound. You can choose from two 16-bit 48-kHz channels or two 12-bit, 32-kHz channels with a dynamic range of more than 71 dB.

Audio recording level adjust

Audio recording level can be adjusted to minimize extraneous noise picked up by the microphone. Audio recording levels for channels 1 and 2 can be set either manually or automatically.

SMPTE time code generator

SMPTE-standard time code can be recorded and read for accurate editing. The time code system is locked to the drop-frame mode, REC RUN mode or re-generation mode. SMPTE time code can be preset at the beginning of the tape.

Edit search

Edit points can be quickly accessed in the Standby mode for review or to set the start point for recording.

Versatile, user-friendly design with professional functions

Light weight ergonomic design

This handheld camcorder weighs only 1.4 kg (3.09 lbs.), giving you the flexibility and mobility you need for any type of application. The ergonomic design makes operation easier, allowing you to capture the action in any situation. All important controls are clustered on the outside of the camera within easy reach. Controls are shaped differently, allowing easy identification by touch alone. An optional shoulder adapter is available, allowing you to support the camcorder on the shoulder to stabilize shooting.

0.44-inch LCD color viewfinder

The high-resolution viewfinder shows your subject in full color, making it easy to locate and frame your subject with the monitor closed. As the view angle can be adjusted, you can follow the target easily. For low-angle shooting, the viewfinder can be raised about 70 degrees.



2.5-inch LCD display

The 200,000-pixel 2.5" color TFT LCD monitor provides a high-resolution image during shooting or instant replay with 440 TV lines, and adjustable peaking and zebras. Time, status, mode, and other information is also displayed. You can tilt the monitor (180° up and 90° down) for high-angled overhead shooting and low-angle shots.

DV input/output connector

This allows bi-directional transfer of a high-quality compressed digital motion-picture signal to a computer, D-9 decks, a non-linear editing system or to another DV recorder.

Systematic menu screens for easy control

The convenient menu system lets you quickly set and switch most basic functions while referring to the LCD display, viewfinder or on monitor.

System menu (1)

--- SYSTEM[1/2] ---	
MIC1 INPUT SEL	XLR
WIND CUT MIC1	OFF
WIND CUT MIC2	OFF
+48V MIC1	OFF
+48V MIC2	OFF
AUDIO MODE	48K
REC MODE	SP
LONG PAUSE TIME	3MIN

System 1/2 menu

MIC1 INPUT SEL:	Selects the built-in microphone or the MIC1 input connector as the audio source.
WIND CUT MIC:	Eliminates wind noise picked up by the built-in microphone or the MIC1/2 input connector.
+48 V MIC1/2 :	Supplies 48 V phantom power to the microphone connected to MIC1 or MIC2 inputs.
AUDIO MODE:	Selects 32 kHz or 48 kHz audio sampling frequency.
REC MODE:	Sets the recording speed to SP or LP.
LONG PAUSE TIME:	Sets the maximum Pause/Still duration to 3 minutes or 30 minutes. After the set time has elapsed, the tape mechanism goes to the Standby mode.
FADER:	Enables fade from black when recording starts.
TALLY:	Lights the tally lamp during recording.
HANDLE ZOOM SPEED:	Sets the zoom speed for the camera handle control only. Three speeds are available.
DATE REC:	Sets Time & Date recording modes.
ASPECT:	Sets the aspect ratio to 4:3, 16:9 (letterbox),
SET UP:	Adds 7.5 IRE setup to analog video output signals.

System menu (2)

--- SYSTEM[2/2] ---	
FADER	OFF
TALLY	ON
HANDLE ZOOM SPEED	FAST
DATE REC	CAM
ASPECT	4:3
NET REMOTE	ON
SET UP	OFF

Camera menu

--- CAMERA[A] ---	
MASTER BLACK	NORMAL
DETAIL	NORMAL
DTL.VH BALANCE	MID
V.RESOLUTION	NORMAL
AUTO KNEE	ON
BLACK	NORMAL
COLOR MATRIX	ON
GAMMA	CINEMA

CAMERA menu

MASTER BLACK:	Sets the pedestal level.
DETAIL:	Sets the thickness of the detail contour lines.
DTL. VH BALANCE:	Emphasizes vertical or horizontal contour.
V. RESOLUTION:	Adjusts the vertical resolution.
AUTO KNEE:	Activates auto knee to obtain balanced intensity.
BLACK:	Adjusts the amount of detail in the blacks.
COLOR MATRIX:	Sets the color matrix to improve color reproduction.
GAMMA:	Selects an S-shaped gamma curve to produce film-like color gradations.

Operation menu

--- OPERATION[A] ---	
AE	OFF
IRIS	AUTO
SHUTTER	STEP
WHITE BALANCE	AUTO
OIS	ON
CH1 AUDIO LEVEL	AUTO
CH2 AUDIO LEVEL	AUTO

OPERATION menu

AE:	Activates the auto exposure function (Gain: ALC, shutter: EEI, iris: auto iris).
IRIS:	Sets the iris mode to the Auto or Manual mode.
SHUTTER:	Sets the shutter speed to fixed steps values or to variable scan mode.
WHITE BALANCE:	Sets the white balance to the Auto or Manual mode.
OIS:	Activates the optical image stabilizer.
CH1/2 AUDIO LEVEL:	Selects the Auto or Manual mode for audio recording level adjustment.

Continuous recording mode



When the GY-DV300U is connected to a BR-DV600UA recorder via the DV connector, the BR-DV600UA will start recording 5 minutes before the tape ends in the GY-DV300U. This allows continuous shooting without interruption for extended periods.

Long-time battery recording

With low-power consumption design and the BN-V428U high capacity battery, this camcorder can be operated for up to 84 minutes (with VF ON). And since these are consumer-use batteries, replacements are easy to obtain.

Battery pack

	BN-V428U
Continuous operation time for GY-DV300U	120 min.
Continuous operation time for GY-DV300U+KA-DV300U	84 min.

** Differs depending on operating conditions.*

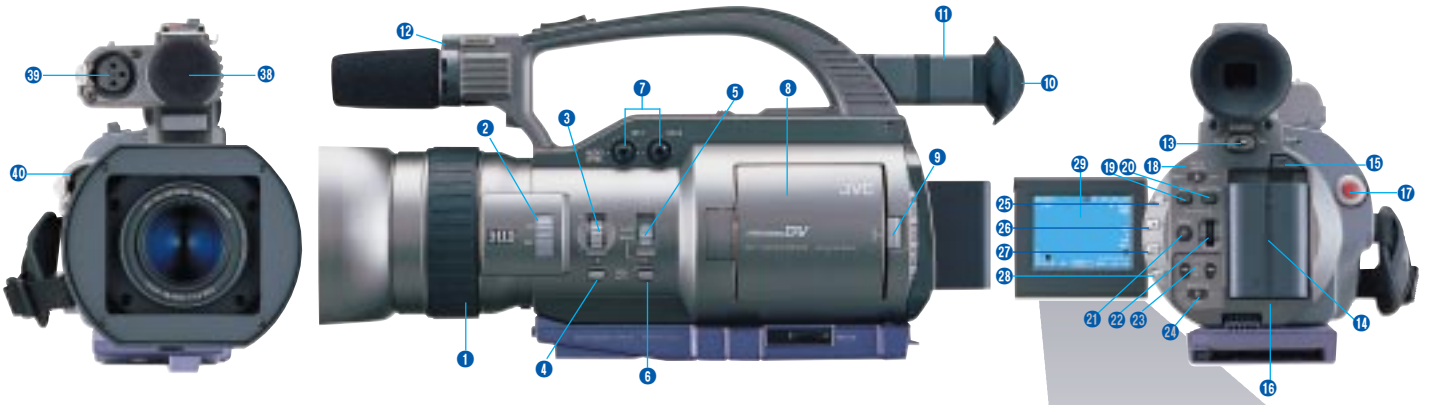
Time/date recording

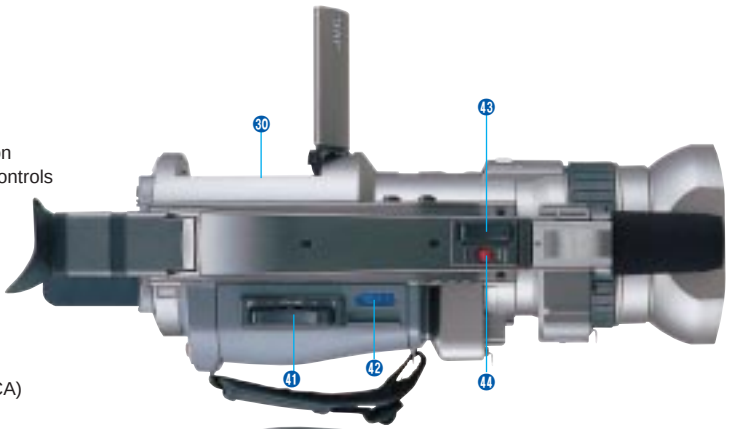
Time and date can be recorded on the tape. Time and date can even be recorded during the built-in color bar output (in 4:3 mode only).

Other features

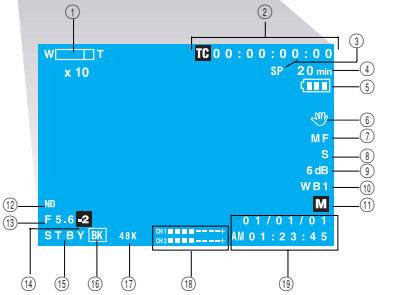
- Zebra pattern (4-step)
- Built-in color bar (conforming to SMPTE RS-170A)
- Variable scan shutter
- XLR microphone connector x 2
- 1/32 ND filter
- Fade black function

Controls, indicators, connectors









Right side section

1. Focus ring
2. [ND FILTER] switch
3. [IRIS] adjust dial
4. [IRIS PUSH AUTO] button
5. [FOCUS] switch
6. [FOCUS PUSH AUTO] button
7. [CH1/CH2 AUDIO LEVEL] controls
8. LCD door
9. LCD door lock release knob
10. Viewfinder
11. Viewfinder video angle adjust knob
12. Rec tally lamp

Left side section

31. [VIDEO OUT] connector (RCA)
32. [Y/C OUT] connector
33. [CH-1/CH-2 AUDIO OUT] connectors (RCA)
34. [EARPHONE] jack
35. [DV] 4-pin connector
36. Cassette cover
37. Microphone holder installation base

Front

38. Built-in microphone
39. [MIC1] input connector (XLR-3P)
40. [MIC2] input connector (XLR-3P)

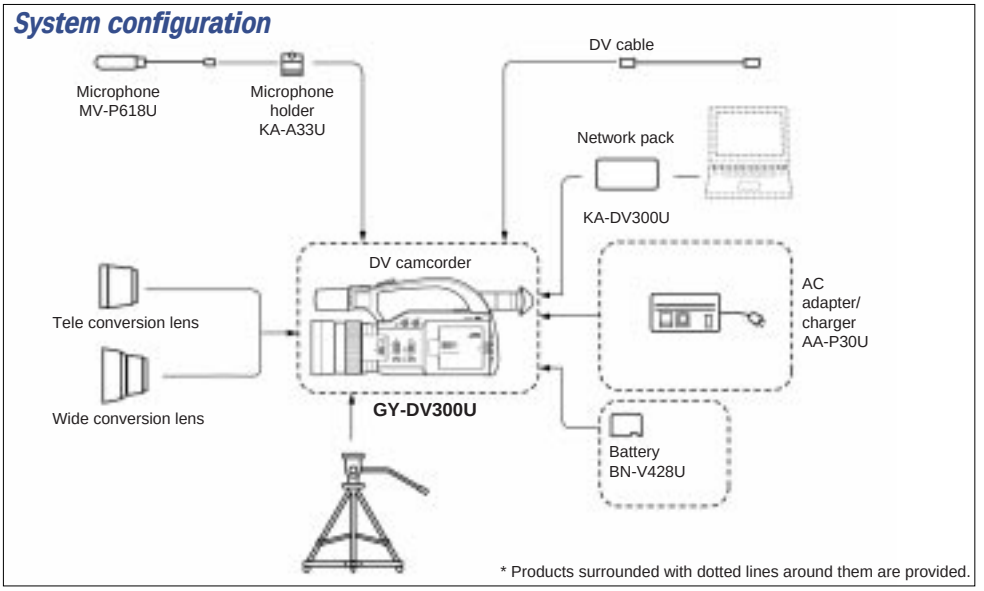
Upper section

41. Zoom/playback sound level adjust lever
42. [EJECT] switch
43. [ZOOM] lever
44. [START/STOP] Recording start/stop button

Rear

13. [POWER] switch
14. Battery installation section
15. Battery lock release button
16. [DC INPUT] connector (visible when the battery is detached)
17. Rec start/stop button
18. [MODE] select switch
19. [GAIN] select button
20. [SHUTTER] select button
21. [MENU] button
22. [SELECT] dial
23. [CH-1/CH-2 AUDIO] input select button
24. [MONITOR] button
25. [BAR] color bar/playback·still button
26. [AW] auto white/stop button
27. [FWD] forward/FF button
28. [REW] reverse/REW button
29. LCD display
    - ① Zoom magnification
    - ② Time code indication
    - ③ Record mode indicator
    - ④ Tape remaining time indication
    - ⑤ Battery remaining time indication
    - ⑥ Optical image stabilizer indicator
    - ⑦ Manual focus
    - ⑧ Manual shutter mode indicator
    - ⑨ Manual gain mode indication
    - ⑩ Manual white balance mode indication
    - ⑪ Shooting mode indication
    - ⑫ Filter indicator
    - ⑬ Iris F number
    - ⑭ Iris correction value indication
    - ⑮ VTR mode indication
    - ⑯ Fade indication
    - ⑰ Audio sampling frequency indication
    - ⑱ Audio level meter indication
    - ⑲ Date/time indication
30. Built-in speaker

System configuration



* Products surrounded with dotted lines around them are provided.

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Specifications

General

Power requirement: DC 7.2 V to 12 V
Power consumption: Approx. 10 W (in the Record mode)
Dimensions: 357 (W) x 159 (H) x 130 (D) mm (14-1/16" x 6-5/16" x 5-1/8")
Weight: 1.4 kg (3.09 lbs.) (without battery)
Temperature
Operating: 0°C to 40°C (32°F to 104°F)
Storage: -20°C to 60°C (-4°F to 140°F)
Humidity
Operating: 30% to 80% RH
Storage: 85% RH or less

Camera section

Image pickup device: 1/3" interline-transfer CCD x 3
Color separation optical system: F1.6, 3-color separation prism
Total number of pixels: 410,000 (811 (H) x 508 (V))
Number of effective pixels: 380,000 (768 (H) x 494 (V))
Color system: NTSC (wide-band R-Y, B-Y encoder)
Color bars: SMPTE type
Sync system: Internal sync (built-in SSG)
Lens magnification: 14x (optical)
Optical filter: 1/32ND
Sensitivity: F11, 2000 lux
Minimum illumination: 2.65 lux, LOLUX (100% video out)
Horizontal resolution: 700 TV lines
Gain: -3 ~18 dB (1 dB-step), variable gain (0.2 dB-step) in ALC and LOLUX (24 dB)
Electronic shutter: 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, variable (ALC)
Variable scan: 60.1 to 2084.6 Hz
Contour correction: Horizontal and vertical dual-edged

Lens section

Focus length: f = 5.7 mm to 79.8 mm
Maximum diameter ratio: 1: 1.6 (wide) to 1: 2.8 (tele)
Shortest shooting distance: Max. 1.0 m
Swaying correction range: ±0.3°
Filter diameter: 52 mm

VTR section

Format: DV format, SD specifications
Signal format: NTSC
DV in/out resolution: 540 TV lines
Usable tape: MiniDV tape
Tape speed: 18.812 mm/sec. (SP mode), 12.555 mm/s (LP mode)
Record/play time: 60 minutes (with an M-DV60ME tape in SP mode), 90 minutes (with an M-DV60ME tape in LP mode)
FF/rewind time: Approx. 2 min. (with an M-DV60ME tape)
Time code: Drop, rec run, regeneration, preset (the beginning of the tape only)

[Video]

Video signal recording format: 8-bit, 13.5 MHz, 4:1:1 component recording

[Audio]

Audio signal recording format: 16-bit, 48 kHz PCM for 2 channels or 12-bit, 32 kHz PCM for 4 channels (recording only for 2 channels)
Dynamic range: 71 dB or more

[Connectors]

Video output: 1.0 V(p-p), 75 ohms, unbalanced (BNC) (composite video signal)
Y/C output: Y; 1 V (p-p), 75 ohms, unbalanced
C; 0.286 V (p-p), 75 ohms, unbalanced (4-pin)
Microphone input: -60 dBs, 3 kohms, balanced, +48 V output for phantom power supply
Audio outputs: -8 dBs, low impedance, unbalanced (RCA)
Earphone jack: -60 dBs to -28 dBs, 8-ohm impedance (monaural sound mini-jack)
DV connector: 4-pin
Built-in microphone: uni-directional, sensitivity of -40 dBs

Included accessories

BN-V428U battery x 1
AA-P30U AC adapter/charger x 1

KA-DV300U

Network Pack



File system:	ASF streaming/ASF file
Video compression system:	MPEG4 realtime
Sound compression system:	G. 726 realtime
Image size:	CIF (352x288), QCIF (176x144)
Video rate:	32k, 64k, 128k, 384k
Audio rate:	16k, 24k, 32k, 40k
Maximum frame rate:	30F (only with 176 x 144), 15F (12F with 384K), 7F, 4F
PC card slot:	Compatible with wired/wireless LAN card and CF card
Streaming:	ASF streaming with wired/wireless LAN card
Capturing:	ASF file with CF card
Setup via network:	Network setup, port setup, encoding parameters, camera control
Viewer/capture via network:	Streamcapture (system requirement: Internet Explorer 5.0 or later, Windows Media Player 7.1 or later)
VTR control via network:	REC/PLAY/PAUSE/STOP/FF/REW
Maximum delay time:	17 sec.

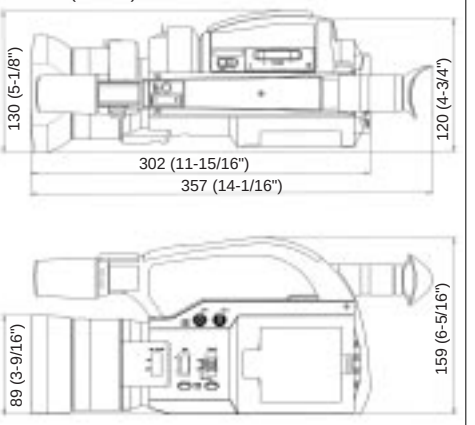
Streamproducer

(streaming software provided with the KA-DV300U)

Computer system requirements
(for Streamproducer operation)
CPU: 700 MHz Pentium III processor or greater
RAM: at least 256 MB
OS: Windows 2000 Professional
HDD: Depends on amount of continuous operation time required
LAN: Two ports (TCP/IP LAN interface)
Modem/router: must obtain global IP address

Dimensions

Unit: mm (inches)



Options

BN-V428U

Lithium-ion battery



DC 7.2 V, 2,800 mAh

One lithium-ion battery is provided with the GY-DV300U.

AA-P30U

AC adapter/charger



One AC adapter/charger is provided with the GY-DV300U.

Two BN-V428U batteries can be charged continuously.

MV-P615U
MV-P618U

Microphone



	MV-P615U	MV-P618U
Exterior	Aluminum	Plastic mold
Power supply system	Phantom (48 V)	Phantom (48 V)
Connector	XLR-3P	XLR-3P
Sensitivity	- 65 dB	- 60 dB
S/N	50 dB or more	40 dB or more

KA-A33U

Microphone holder

BR-DV600UA

Professional DV VTR



VC-VDV204 (4P-4P, 2 m)
VC-VDV206 (4P-6P, 2 m)

DV cable



GL-V0752 (0.7x)

Wide conversion lens



GL-V1452 (1.4x)

Tele conversion lens





M-DV63PRO
M-DV80ME
M-DV60ME
M-DV30ME MiniDV tapes

M-DV12CL DV cleaning tape

Design and specifications subject to change without notice.

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