

Panasonic

AG-DVC15

Mini-DV Camera/Recorder (NTSC)



Mini **DV** Digital
Video
Cassette

Lightweight, Digital and Shoulder-Style Shooting

The AG-DVC15 camera/recorder places digital picture quality and easy convenience into an extremely mobile package. Designed for professional usage, this featherweight unit uses a large-diameter lens and 3-CCD image sensor to deliver the high recording quality that advanced applications demand.

Its light weight and shoulder-type design ensure excellent mobility and stable shooting, while a number of manual functions offers full creative control.

An IEEE1394 (Firewire) terminal lets you upload images to a PC and digitally dub onto a DV recorder. If needed, you can also add high-performance options like a wide-angle conversion lens and large-capacity, long-lasting battery, for even more versatile field use.



3-inch Color LCD Monitor

The 3-inch LCD monitor rotates a full 270 degrees for convenient low-angle, high-angle, and self recording, as well as easy menu setting.

Manual Audio Settings

XLR-type audio input terminals (line/mic switchable) are located on the rear panel, allowing CH1 and CH2 audio to be switched separately to either line or front mic input. Separate audio level meters and dials let you set the recording level independently for each channel, a handy function for interviews and narration.



New Shoulder-Type Design

The AG-DVC15 is built for professionals on the move. It weighs only 5.51 lbs. (2.5kg) in full operating condition and features a new shoulder-type design that assures shooting stability. Its large grip makes the unit easy to hold and a 1/2-inch color viewfinder provides comfortable use in almost any position.

Sensational 3-CCD Picture Quality

The AG-DVC15's 3-CCD camera section matches the high performance of the VTR section. A large light-collecting area for each of the 270,000 pixels gives the camera a high S/N ratio, outstanding sensitivity, and wide dynamic range. Double-density pixel distribution and a gapless dichroic prism help assure razor-sharp images with extremely faithful colors. Even subtle differences between lighter and darker reds are clearly distinguished.

Superior Digital Recording

The AG-DVC15 uses the DV format, with an 8-bit digital compression recording system that delivers professional-quality pictures. Its advanced error correction function virtually eliminates dropouts and improves recording reliability. Using conveniently small mini-DV cassettes, it offers a recording time of up to 123 minutes (on the AY-DVM83XB mini-DV Master videotape, LP mode).

PCM Audio

The DV format's 16-bit digital audio system rivals CDs in quality. Choose PCM sound in either a 48-kHz/16-bit, 2-channel, or a 32-kHz/12-bit, 4-channel mode during recording. The AG-DVC15 is also equipped with built-in stereo microphones and accepts external microphones.

Manual Focus, Manual Iris and More

The large-diameter focus ring offers a professional level of focusing precision. An assortment of manual functions — including Gain Up (0/+3/+6/+9/+12dB), Manual Iris and ND Filter (1/8 ND) — provides the flexibility for truly creative shooting.

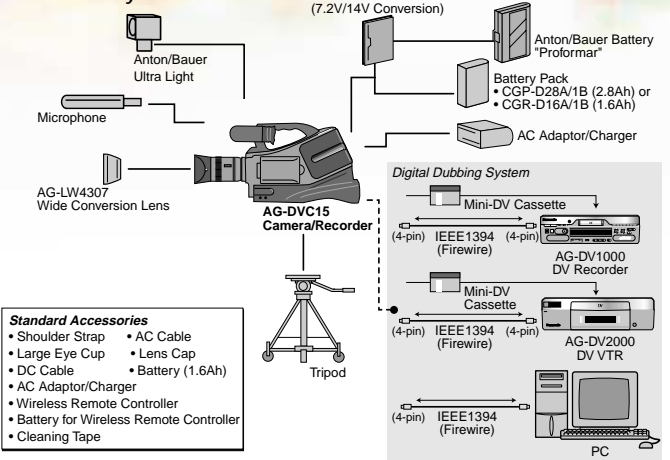
IEEE1394 DV In/Out Terminal

An IEEE1394 (Firewire) 4-pin digital interface terminal on the rear panel makes it easy to upload images and audio to a Macintosh or Windows-based PC for non-linear editing with no loss of quality. You can also dub with no quality loss between the AG-DVC15 and an AG-DV1000/DV2000 or other DV VTR.

Professional Options

A variety of additional options are available with the AG-DVC15. Add a 0.7x wide conversion lens (AG-LW4307), stereo microphones, or large-capacity 2.8 Ah/7.2 V battery (CGP-D28A/1B) to meet your particular needs.

AG-DVC15 System Chart



Other Features

- Top handle grip with a Rec start/stop button and zoom lever for easy low-angle shots
- 5 Program AE modes for easy shooting: sports, portrait, low light, spotlight and surf & snow
- 12x optical/120x digital zoom with three (L/M/H) zoom speeds
- Power consumption: 10.8 W (when using LCD monitor)
- Minimum illumination: 5 lux
- WIDE MODE: record in the wide-screen format (16:9)
- Jog menu dial
- Auto white balance
- Video and S-Video out



Playing DV Tapes on a DVCPRO VTR

Using the AJ-CS455P adaptor, mini-DV cassettes can be played back and recorded* by a DVCPRO VTR. This means that you can utilize mini-DV cassettes as media in DVCPRO production systems. Panasonic's Emmy Award-winning DVCPRO format is the industry's standard for digital acquisition and recording, and the most rapidly adopted professional video format in history.

*Recording is possible only with AJ-D455 DVCPRO recorder. Also, DVCPRO systems cannot play back DV tapes recorded in LP mode, or long-play Mini-DV tapes (SP mode — 80 min.; LP mode — 120 min.).



Standard Accessories



1. Shoulder Strap
2. AC cable
3. Large eye cup
4. Lens cap
5. DC cable
6. Battery (1.6Ah)
7. AC Adaptor
8. Wireless remote controller
9. Battery for Wireless remote controller
10. Cleaning tape

Optional Accessories



1. 0.7x Wide Conversion Lens (AG-LW4307)
2. Stereo Microphone Kit (AG-MC15P)
3. IEEE1394 Cable
 - Anton/Bauer Plate (QR-DVC10)
 - AC Adaptor (AG-B15)
 - Battery Pack (CGP-D28A/1B, CGR-D16A/1B)

Mini-DV Tape



- | | |
|---------------------------------|----------------------------|
| Professional Series Tape (left) | Master Series Tape (right) |
| AY-DVM83EB | AY-DVM83XB |
| AY-DVM63EB | AY-DVM63XB |

Specifications

[General]

Power Source:	DC 7.2V (7.8V AC Adaptor)
Power Consumption:	10.8 W (when using LCD monitor) 9.2 W (when using EVF)
Operating Temperature:	32°F to 104°F (0°C to 40°C)
Operating Humidity:	10 to 80%
Weight:	5.06 lbs. (2.3 kg, Camera head) 5.51 lbs. (2.5 kg, Operation)
Dimensions (WxHxD):	8-5/16" x 8-7/8" x 16-15/16" (211 x 224 x 431 mm)
Battery Life:	Approx. 70 min. with 1.6Ah Battery Approx. 120 min. with 2.8Ah Battery (when using EVF, continuous recording, at 25°C, 60% humidity)

[Camera]

Pick-up Devices:	1/4" 3CCD
Picture Elements:	270,000 pixels
Sensitivity:	1400 lux
Minimum Luminance:	5 lux
Sampling Frequency:	13.5 MHz/27 MHz
Shutter Speed:	1/60 to 1/8000 (14 steps)

Gain:	0/+3/+6/+9/+12 dB
Lens:	12:1 Power Zoom F1.6, f4 to 48 mm, 43 mm Diameter
Optical Filters:	ND x1 (1/8)
EVF:	0.5" Color LCD

[VTR]

Recording Format:	DV (Mini-DV)
Tape Speed:	18.812 mm/sec. (SP mode) 12.555 mm/sec. (LP mode)
Recording Time:	83 min. (SP mode, AY-DVM83) 123 min. (LP mode, AY-DVM83)
Video Recording Format:	Digital Component (DV)
Audio Recording Format:	16 bit (48kHz/2ch), 12 bit (32kHz/4ch)
Recording Track:	Digital Video/Audio; Helical Track
TC:	Helical Track (Sub-Code area)
FF/REW Time:	Less than 80 sec. (AY-DVM63)

Sampling Frequency:	Y: 13.5 MHz, PB/PR: 3.375 MHz
Quantization:	8 bit
Compression Method:	DCT and Variable-Length Coding
Error Correction:	Reed-Solomon Product Code

[Audio]

Sampling Frequency:	48/32 kHz
Quantization:	16/12 bits

[Input/Output]

IEEE1394 DV In/Out :	4-pin x 1
Audio In:	XLR x 2 (CH1/CH2), High impedance, 0/-60 dB, LINE/MIC selectable
Monitor Out :	RCA x 1, 1.0Vp-p 75Ω
S-Video Out:	4-pin x1, 75Ω, Y: 1.0Vp-p, C: 0.286Vp-p
Audio Out:	RCA x 2 (CH1/CH2), -10dBV, Low impedance
Built-In Mic:	Stereo
Mic In:	ø3.5 stereo mini jack, -70dBV, High impedance
Headphones:	ø3.5 stereo mini jack

Specifications are subject to change without notice.

Panasonic

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