

Panasonic
ideas for life

P2HD

AJ-HPX3000

Memory Card Camera-Recorder (P2 cam)



DVCPRO 50 **DVCPRO HD** **AVC INTRA**

New 2.2 Million Pixel CCDs and AVC-I team up to deliver Panasonic's first Native 1080p* capable camera, and full 10 bit 1920x1080 recording.

Panasonic developed the AJ-HPX3000 with the goal of achieving the industry's best-ever HD recording quality in a one-piece camcorder. This advanced memory card camera-recorder uses three high-density, 2.2-million-pixel CCDs to produce full-raster, 1920 x 1080 HD images. These high-resolution 1080 images are then recorded using full sampling (10-bit/4:2:2) based on advanced AVC-Intra intra-frame compression technology. The result is a camera-recorder that approaches stunning D-5 HD-level images.

The AJ-HPX3000 backs this performance with a host of features that support high-end program production. Picture-enhancing technologies include Chromatic Aberration Compensation and multi-gamma settings complete with Film-Rec mode. Its 60/50 Hz switching allows use anywhere in the world, and recording is possible in SD (DVCPRO 50, 480i/576i). It has five slots to accommodate 16GB P2 cards to provide you extended recording time, and HD/SD-SDI input is available as an option.

* Up to 1080/29.97p

AJ-HPX3000 Memory Card Camera-Recorder

Versatile HD Camera-Recorder that delivers high-end image quality for 1080i or 1080p productions

- 2,200,000-pixel 2/3" CCD for full 1920 x 1080 HD images.
- Comes equipped with AVC-Intra codec board that supports AVC-Intra 100 and 50 modes. AVC-Intra 100 uses the same 1920 x 1080 10-bit 4:2:2 sampling as HD-D5 VCRs.



- Chromatic Aberration Compensation function compensates for registration error and minimizes lateral chromatic aberration in lenses.
- Its Film-Rec mode and a variety of other gamma settings are ideal for filmmaking.
- High F10 sensitivity at 2,000 lx (at 1080i). Minimum illumination of 0.064 lx (at +56dB gain-up).
- 14-bit A/D processing, 12-pole linear matrix color correction function.
- DRS (Dynamic Range Stretcher).

Worldwide HD/SD Recording and Line Recording in Standard Configuration

- Switchable between 60 Hz (59.94) and 50 Hz recording for use anywhere in the world.
- Switchable to DVCPRO HD codec recording; also supports SD recording with the DVCPRO 50 codec.
- Optional HD/SD-SDI input allows line recording from external sources.
- Comes equipped with IEEE 1394a In/Out for line recording, uploading to a nonlinear editor, and other uses.

P2 Card Recording and Advanced Functions

- Five slots that accommodate 16GB P2 cards allow continuous recording, card selection, hot swapping and loop recording.
- Convenient pre-rec, interval rec and one-shot recording.
- Text memos and shot markers can be added.
- Scene file, user buttons, user menu and focus assist functions.
- 2-wheel (ND and CC) optical filters.
- USB 2.0 (host and device) interface.
- Genlock input for HD-Y or VBS input use.

Recording format of AJ-HPX3000G

HD Format	Pulldown	Recording Time (by Five of 16GB P2 card)		
		DVCPRO HD	AVC-Intra 100	AVC-Intra 50
1080/59.94i	—	80 min.	80 min.	160 min.
1080/29.97P (over 60i)	2-2	80 min.	—	—
1080/23.98P (over 60i)	2-3	80 min.	—	—
1080/23.98PA (over 60i)	2-3-3-2	80 min.	—	—
1080/29.97PN (native)	—	—	80 min.	160 min.
1080/23.98PN (native)	—	—	100 min.	200 min.
1080/50i	—	80 min.	80 min.	160 min.
1080/25P (over 50i)	2-2	80 min.	—	—
1080/25PN (native)	—	—	80 min.	160 min.

SD Format	Pulldown	Recording Time (by Five of 16GB P2 card)
480/59.94i	—	160 min. with DVCPRO 50
480/29.97P (over 60i)	2-2	
480/23.98P (over 60i)	2-3	
480/23.98PA (over 60i)	2-3-3-2	
576/50i	—	
576/25P (over 50i)	2-2	



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Factories of Systems Business Group have received ISO14001:2004-the Environmental Management System certification.

