

HDR-AX2000

AVCHD™ Flash Media Handycam® Camcorder

The new Sony® HDR-AX2000 HD flash camcorder now offers you the convenience of recording directly onto non-linear flash media, while maintaining the quality and control of a professional camcorder—all at a fraction of the cost.



1920x1080/60i with Film-like Progressive Recording 24p/30p

Record amazing HD video at full 1920x1080 resolution with the option of film-like Progressive Recording at 24p or 30p. Plus you can record your video at 24Mbps, the highest possible bit-rate for AVCHD™, and enjoy near Blu-ray Disc™ quality video reproduction.

G Lens: 29.5mm Wide-Angle to 590mm (20x) Telephoto

Equipped with a 29.5mm wide-angle G Lens made from an advanced 10 group, 15 element lens including Extra-low Dispersion glass. This reduces chromatic aberration caused by light refraction and produces video with extremely low color fringing. The 20x optical zoom (29.5mm-590mm: 35mm conversion) lets you zoom in on faraway subjects with no loss in image quality.

Record high-quality sound using professional-level audio accessories



Professional-quality videos demand professional-quality audio. And that's just what you'll get when you utilize the dual XLR 3-pin audio connectors (with +48V phantom power) to plug in your external microphones.

Optical Steadyshot™ image stabilization with Active Mode

Nothing's more jarring—and unprofessional—than a shaky video. Smooth things out by taking the next step forward in Sony® image stabilization technology.

Get the flexibility you need for maximum shooting versatility.

The Sony® HDR-AX2000 features three independent manual rings—zoom, focus and iris—for superior control and flexibility.

Excellent versatility in adverse lighting conditions

Whether you're shooting a wedding by candlelight, a sunny beach, bright ski-slope, or a sunset cruise - the HDR-AX2000 will record superb video down to a 1.5lux rating and has 3 steps of ND filters to assist in harsh lighting conditions.

Set up shortcuts to often-used features

Spend more time shooting—and less time scrolling through function menus—by assigning those features you use most to one of seven customizable shortcut buttons.

Put yourself in the director's chair

Now your videos can appear closer to the look of actual film, thanks to 24p Progressive Recording capabilities plus two groundbreaking video technologies.

Cinematone Gamma™ and Cinematone Color technology

Cinematone Gamma technology deepens colors by allowing users to specify a gamma curve with contrast characteristics similar to those of film. Cinematone Color technology recreates film-like color tones.

Record directly onto flash memory for easy editing

The Sony® HDR-AX2000 records video directly onto compact Memory Stick PRO Duo™/Memory Stick PRO-HG™ media or SD/SDHC media (all sold separately).⁴

Additional Features:

- Manual adjustment of the main exposure settings
- Customizable presets
- Smooth Slow Record
- x.v.Color™ technology

4. When using movie mode Memory Stick PRO Duo with MARK2 (M2) logo, Memory Stick PRO-HG™, SD/SDHC media (Class 4 or higher) are recommended.

Specifications

IMAGER	
Imaging Device	3x 1/3" Exmor™ CMOS sensor
Technology	Exmor™ technology
Processor	EIP (Enhanced Imaging Processor)
Imager Pixel Gross Size	3x 1,120K each (Red, Green, Blue)
OPTICS AND LENS	
Lens Type	G Lens
35mm Equivalent 16:9	29.5 - 590mm
35mm Equivalent 4:3	36.1 - 722mm
Aperture	F1.6-3.4
Filter Diameter (mm)	72mm (G Lens)
Focal Distance (mm)	4.1 - 82mm
Focus System	AF/MF selectable, 10 mm to infinite (Wide), 800 mm to infinite (Tele)
Shutter Speed	1/60 - 1/2000 (60i), 1/30 - 1/2000 (30p), 1/48 - 1/2400 (24p)
Minimum Illumination	1.5 lux (at 1/30 fixed shutter speed with auto iris and auto gain)
Optical Zoom	20x
Digital Zoom	30x approx. (When Digital Extender "ON")
VIDEO	
Video Actual 16:9	3x 1,037K each (Red, Green, Blue)
Video Actual 4:3	3x 778K each (Red, Green, Blue)
Video Resolution (Movie Quality)	1920x1080/60i
	1920x1080/24p
	1920x1080/30p
	1440x1080/60i 720x480/60i
Video Signal System	NTSC color, EIA standards
Video Format(s) Supported	HD: MPEG-4 AVC/H.264 (AVCHD) SD: MPEG-2 (MPEG-2 PS)
Media Type	Memory Stick® SD / SDHC / SDXC Memory Card
Record Time*	HD Movie, FX mode: 32 GB Memory Card: 180min 16 GB Memory Card: 90min
	SD Movie, HQ mode: 32 GB Memory Card: 475min 16 GB Memory Card: 235min
AUDIO	
Audio Recording Format	HD: Dolby Digital® 2ch, 16bit, 48kHz / SD: Dolby Digital 2ch, 16bit, 48kHz
Microphone	Built-in Stereo Microphone, Dual XLR inputs
DISPLAY	
Display	3.2" Xtra Fine LCD™ (16:9) LCD display (921K pixels)
View Finder	0.45" Xtra Fine LCD™ (16:9) Wide LCD (1,227K pixels)
HARDWARE	
Dual Memory Card Slots	Yes
Manual / Auto Lens Cover	Manual
S/S & Zoom Button On Handle	Yes (Zoom Seesaw/ Ring/ Handle seesaw)

INPUTS & OUTPUTS	
VIDEO OUT jack	Yes (Pin connector x1)
AUDIO OUT jack	Yes (Pin connector x2)
S jack	-
COMPONENT OUT jack	Yes (Mini-D jack)
HDMI OUT jack	Yes (HDMI connector)
Headphones jack	Yes (Stereo-minijack Ø 3.5 mm)
INPUT1 / INPUT2 jacks	Yes (XLR 3-pin x2)
USB jack	Yes (mini B / Hi-Speed)
i.LINK jack	-
Remote jack	Yes (Stereo-minijack Ø 2.5 mm)
DC IN jack	Yes
CONVENIENCE FEATURES	
Image Stabilization	Optical SteadyShot™ image stabilization (SteadyShot / Active SteadyShot* / OFF)
x.v.Color™	Yes
White Balance	Auto / Outdoor / Indoor / One-push (A/B)
Fader Effects	OFF, Black, White
Picture Profile	Yes (PP1 - PP6, OFF)
Scene Selection Mode(s)	Picture Profile (up to 6 pre-set conditions)
Multiple Language Display	Yes
Smooth Slow Record	Yes (6 sec HD / SD)
POWER	
Power Consumption	HD: 6.7W / SD: 5.9W
Supplied Battery Type	InfoLITHIUM® Rechargeable Battery (NP-F570)
Power Requirements	7.2V (battery pack); 8.4V (AC Adaptor)
DIMENSIONS	
Dimensions (Approx.)	173 x 187x 342 mm (6 7/8 x 7 3/8 x 13 1/2 inch) including protrusions w/o gripbelt
Weight (Approx.)	2.1 kg (4 lb 11 oz) w/Lens hood with lens cover
SUPPLIED ACCESSORIES	
AC adaptor	AC-L100
USB cable	Yes
Large eyecup	Yes
Application Software(CD-ROM)	Yes
Rechargeable Battery Pack	InfoLITHIUM® Rechargeable Battery (NP-F570)
Remote Commander® control unit	Wireless Remote Commander® Remote Control (RMT-845)
Component Video Cable	Yes
Composite Video Cable	Yes
Lens Hood	Lens hood with lens cover
Media	Operation Manual
SERVICE	
Warranty information	1 Year Parts; 90 Days Labor
FOOTNOTES	
*Capacity will vary based on type and complexity of image recorded.	

