



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 ground-breaking 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 Duo 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

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 | HDV / MiniDV |
| Record Time | HD Movie, FX mode: 32GB Memory Card: 180min 16GB Memory Card: 90min |
| | SD Movie, HQ mode: 32GB Memory Card: 475min 16GB 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 display¹ (921K pixels) |
| View Finder | 0.45" Xtra Fine LCD™ (16:9) Wide³ LCD (1,227K pixels) |
| HARDWARE | |
| Dual Memory Card Slots | 2 X SD/SDHC and Memory Stick PRO Duo media slots⁴ |
| 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 | No |
| 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 | No |
| 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 cover³ |
| 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 | |

Features and specifications are subject to change without notice. Non-metric weights and measures are approximate. All TV reception, monitor pictures and print pictures are simulated. Except where noted, all photos are samples for illustration purposes only.

- Viewable area, measured diagonally.
- i.LINK is a trademark of Sony used only to designate that a product contains an IEEE1394 connection. The i.LINK connection may vary depending on the software applications, operating system and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other.
- Non-metric weights and measurements are approximate and may vary.
- *In Active SteadyShot mode, image processing is used in parallel with optical stabilization, resulting in a slight shift of imaging field to the telephoto end.
- 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.

