

- AUDIO
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## Panasonic

### PANASONIC AG-HPX500 2/3" SHOULDER-MOUNT P2 HD CAMCORDER

This P2 HD camcorder teams the full production-quality of 2/3" 3-CCDs, DVCPRO HD, 4:2:2 sampling & independent frame encoding with the versatility of interchangeable lenses and the creativity of variable frame rates. The AG-HPX500 records in 32 high-definition & standard-definition formats, including 1080i and 720p in production proven, 100 Mbps DVCPRO HD. It records on removable P2 solid-state memory cards in 1080/60i, 50i, 30p, 25p and 24p; in 720/60p, 50p, 30p, 25p, and 24p; and in DVCPRO50, DVCPRO and DV. The camcorder features a high performance digital signal processor (DSP) with 14bit A/D conversion and 19-bit inner processing that handles HD/SD format conversion simultaneously. It has 4 P2 card slots and when all the slots are used, can record up to 64min in DVCPRO HD, 128min in DVCPRO 50 and 256min in DVCPRO. It also features an SD memory card slot for saving or loading scene files and user settings. The AG-HPX500 features variable frame rates for under-cranking and over-cranking to create fast- or slow-motion effects. In 720p, users can set frame rates in 24p, 30p or 25p in any of 11 steps between 12fps and 60fps (or 50p). In addition, with the camera's advanced 1080/480 24pA mode, users have the option of using 2.3:3:2 pull down, which allows most nonlinear editing systems to extract 24 frames on ingest. Key interfaces include IEEE1394, USB2.0, HDS/SDI/SDI, analog component & 4 audio XLR inputs.



ITEM	DESCRIPTION	PRICE
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#### Camera Configurations

HPX500-EFP	Kit: AGHPX500 P2 camcorder body, SHAN-TM700 tripod adapter, Porta Brace bag, viewfinder, no lens	CALL
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#### Optional Lenses

KJ16EX7.7-BKRSDP512	Canon lens, 16x HD CAC	CALL
KJ16EX7.7-BIRSDPS12	Canon 16x w/2X CAC capable lens	CALL
KJ20X8.5-BKRS	Canon 20x CAC capable lens	CALL
XA17X7.6BERM-M58B	Fujinon lens, 17x w/2X CAC capable lens	CALL
XA17X7.6BRM-M58B	Fujinon lens, 17x w/CAC capable lens	CALL

#### Accessories (partial list)

AJVF20WB	Optional 2" viewfinder, 16.9/4:3 switchable	2437.60
AJVF15B	Optional 1.5" viewfinder, 4:3	1784.20
AGMC200G	Microphone	347.70
AJMC700	Kit - with unidirectional mic and holder	1038.00
AJP2E016XG	16GB E-Series P2 Card	370.50
AJP2E032XG	32GB E-Series P2 Card	467.40
300STUDIO	Basic camcorder studio system for AG-HPX370/500	CALL
300STUDIO-PLUS	Advanced camcorder studio system, for AG-HPX370/500	CALL
P2STUDIO	Basic camcorder studio system for AG-HPX500	CALL
P2STUDIO-PLUS	Advanced camcorder studio system for AG-HPX500	CALL

### PANASONIC AG-AF100 LARGE 4/3" SENSOR AVCCAM MEMORY CARD CAMCORDER

The first 4/3" large image camcorder optimized for hi-def video, the AGAF100 features a micro 4/3" mount for changing lenses, as well as a smaller, handheld-style form factor. This camcorder offers users a wider field of view and a shallow depth of field similar to those found in a 35mm movie camera. The micro 4/3" mount allows you to use a variety of still camera lenses as well as zoom lenses, prime lenses, and film camera lenses with fixed focal lengths. Records up to 1080/60i and 720/60p. Also features uncompressed 4:2:2 8-bit HD-SDI and HDMI output. 2 card slots offer relay recording onto SDHC cards. SDXC card compatible.



NEW!

ITEM	DESCRIPTION	PRICE
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AGAF100	4/3" sensor AVCCAM memory card camcorder (no lens)	CALL
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#### Lenses (partial list)

HF007014	Lumix G Vario 7-14mm/F4.0	956.62
HV5014140	Lumix G Vario HD 14-140mm/F4.0-F5.8	739.57
HFS014042	Lumix G Vario 14-42mm/F3.5-5.6	180.30
HH014	Lumix G 14mm/F2.5	383.57

#### Adapters (partial list)

DMW-MA1	4/3 DSLR mount adapter for Lumix G Micro System cameras	127.95
MFT-CAN	Canon FD to M4/3 (by Novoflex)	211.99
MFT-NIK	Nikon to M4/3 (by Novoflex)	292.99

#### Accessories

AGMC200G	Mountable shotgun mic	347.70
VWVB66PPK	Rechargeable battery	176.40
PC004	Deca Doctor Bag 4 (by Petrol)	252.72

Panasonic Financing is available on many of these products. Call your Sales Pro for details.

## Panasonic

### PANASONIC HDCTM700K

3MOS HD CAMCORDER This full HD (1920x1080) 9.15MP 3MOS system shoots in 60p and has a Leica Dicomar F1.5-F2.8 35mm lens with a 46mm filter diameter.



The lens suppresses ghosting, distortion, and flares, and offers sharp images & superior shading. Also features 12x optical zoom/ 18x Intelligent Zoom, optical image stabilization, and auto & manual focus & iris capabilities. Onboard microphone can record 5.1ch surround and has zoom & focus capabilities, as well. Has 32GB of internal memory and can record to SD, SDHC, and SDXC memory cards. Comes with USB, DC, AC, & AV multi-cables. Also includes remote control, stylus pen, AC adapter, Li-Ion battery, & lens hood.

ITEM	DESCRIPTION	PRICE
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HDCTM700K	1080p HD handheld camcorder	999.95
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### PANASONIC P2 SOLID STATE MEMORY CARDS

These P2 cards are a PCMCIA compatible plug-in card based on ultra-reliable, solid-state memory, integrating 4 high-performance SD cards like those now used in digital still cameras. The cards can store all P2 frame rates and formats, including HD, SD, DVCPRO HD/50/25 and AVC-Intra 100/50. They are packaged in a rugged die-cast frame that weighs only 45 grams. The P2 card is reusable and connects instantly with laptops and major non-linear editing systems to eliminate the time-consuming task of digitizing. It is resistant to impact, vibration, shock, dust & environmental extremes including temperature changes.



ITEM	DESCRIPTION	PRICE
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AJP2E016XG	16GB E-Series P2 card w/improved 1.2 Gb/s transfer rate, same recording time as 16GB P2 card	370.50
AJP2E032XG	32GB E-Series P2 card w/improved 1.2 Gb/s transfer rate, same recording time as 21GB P2 card	467.40
AJP2E064XG	64GB E-Series P2 card w/improved 1.2 Gb/s transfer rate, same recording time as 64GB P2 card	666.70

## SONY

### SONY HVR-HD1000U HDV SHOULDER-MOUNT CAMCORDER

Features high-definition HDV 1080i recording, and a built-in down-converter for creating DV material (via iLink output). It has a 1/2.9" Clear Vide CMOS image sensor™, optical 10x zoom Carl Zeiss Vario-Sonnar T lens, 2.7" widescreen LCD panel (211k pixels), ergonomic handle with record button and zoom control for low position shooting, & a Super Nightshot™ function that allows shooting in zero lux situations, or for use as a nighttime monitoring device. Although it doesn't contain all the features of higher end camcorders such as DVCAM recording/playback, or XLR audio connections it does have a wide range of photo-creation functions such as a photo mode for taking 6.1-Megapixel, 2848x2136 quality 4:3 images, dual record function for shooting HDV video & 4.6-Megapixel (16:9) photos at the same time, and the ability to save a still frame of video during playback (1.2-Megapixel still image). Video is recorded on Digital Master™ pro tape, or consumer MiniDV tape. I/O includes component out (3x RCA), composite out (1x RCA), S-video out, HDMI out, IEEE1394 4-pin I/O, audio output (2x RCA), LANC, USB type B terminal, and audio input on 3.5mm jack. An ECM-PS1 external shotgun mic is supplied.



ITEM	DESCRIPTION	PRICE
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HVRHD1000U	HDV shoulder-mount camcorder	1524.95
HVRMRC1K	CompactFlash memory recording unit	753.08
HVLLBPB	LED battery video light	594.32
NPF770	InfoLITHIUM L series battery pack	99.99
RM1BP	LANC remote controller with variable speed zoom control	236.58
VCLHGA07	0.7x wide-angle conversion lens for 37mm/30mm camcorders	199.99

# SONY

## SONY BLOGGIE™ TOUCH MP4 HD CAMCORDERS

- Record up to 4 hours of 1920x1080 HD MP4 video and 12.8 MP still images to 8GB of internal memory. Convenience features include face detection technology, SteadyShot image stabilization, built-in rechargeable battery and a flip-out USB arm for upload/battery charge.
- 3.0" LCD capacitive touchscreen with vertical/horizontal operation, orientation changes automatically.
- Sony Exmor CMOS sensor delivers high-quality video and pictures with less noise.
- Auto Macro for close up images, 4x digital zoom for capturing action from a distance.
- Slim design with easy operation, take it anywhere.
- Integrated software allows you to tag videos and images on the go and queue them for upload to Facebook or YouTube the next time the camera is connected to a computer.



HDD

MHST520/B.....MP4 HD Touchscreen camcorder, black.....	199.99
MHST520/S.....MP4 HD Touchscreen camcorder, silver.....	199.99
LCJTS/A/W.....Clear silicone protective case.....	19.99

# SONY

## SONY HIGH DEFINITION HDD CAMCORDERS

- 1920x1080 HD recording (MPEG4 AVC/H.264, SD: MPEG2), internal hard disk drive & Memory Stick PRO Duo™ Media slot, Face Detection, Smile Shutter™ technology (takes still image when subject smiles even while shooting video), SteadyShot™ image stabilization, Smooth Slow Record
- Display – HDR-XR150/350V have a 2.7" Clear Photo LCD display. HDRXR550V has a 3.5" Xtra Fine LCD™ display
- CMOS sensors - HDR-XR150/350V have 1/4" back-illuminated "Exmor R" CMOS sensor; HDR-XR550V 1/2.8" back-illuminated "Exmor R" CMOS
- Lens - HDR-XR150 have a Carl Zeiss® Vario-Sonnar® T\* lens, 10x optical/120x digital zoom; HDR-XR350V/550V have a wide angle G-Lens; HDR-XR350V has 10x optical/120x digital zoom; HDR-XR550V has 12x optical/160x digital zoom
- Sound - HDR-XR550V Dolby® Digital 5.1ch recording with built-in zoom mic; HDR-XR150/350V has Dolby® Digital 2ch recording with built-in zoom mic
- All have HDMI out, USB 2.0, AV terminal, AV out, Y/Pb/Pr out and each camera comes with adapter battery pack, cables, & software
- HDR-XR350V/550V both include an active interface shoe



HDRXR100  
HDD  
AVCHD

HDRXR150.....HDD HD camcorder, 120GB, USB.....	544.43
HDRXR350V.....HDD HD camcorder, 160GB, USB, GPS.....	820.00
HDRXR550V.....HDD HD camcorder, 240GB, USB, GPS, mic/headphone inputs.....	1184.44

# SONY

## SONY HDR-CX HIGH DEFINITION FLASH CAMCORDERS

- 1920x1080 HD Recording (HD: MPEG4 AVC/H.264, SD: MPEG2), 3MP still image capture, records to Memory Stick Pro Duo Mark 2 and SD/SDHC/SDXC (Class 4) media, Clear Photo LCD touch screen display, USB 2.0 compliant.
  - Smooth Slow Record function, Smile Shutter™ technology, face detection, SteadyShot™ image stabilization, intelligent auto modes, copy directly to external HDD – no need for a PC.
  - Dolby® Digital stereo recording with built-in zoom mic.
  - HDR-CX110 has 2.7" display, 25x optical/300x digital zoom, 30mm Carl Zeiss Vario Tessar lens.
  - HDR-CX130 has 3.0" display, 30x optical/350x digital zoom, wide-angle G lens, tracking focus.
  - HDR-CX160 has 3.0" display, 30x optical/350x digital zoom, 30mm wide-angle G lens, 16GB internal memory (for up to 6 hours recording)
  - Includes AC adapter, rechargeable battery pack, component AV cable, AV connecting cable, lithium battery, application software and USB cable.
- |  |        |
|--|--------|
| HDRXC110.....HD flash camcorder, 30mm lens, HDMI, USB, black                             | 449.99 |
| HDRXC110/L.....Same as above, in blue.....   | 479.99 |
| HDRXC110/R.....Same as above, in red.....  | 479.99 |
| HDRXC130/B.....HD flash camcorder, wide-angle G lens, HDMI, USB, black.....              | 449.99 |
| HDRXC130/L.....Same as above, in blue.....   | 449.99 |
| HDRXC130/S.....Same as above, in silver.....   | 449.99 |
| HDRXC160/B.....HD flash camcorder, 30mm lens, 16GB internal memory, HDMI, USB, gray..... | 499.99 |
| TS16GSDHC4.....16GB Class 4 SDHC memory card (by Transcend).....                         | 31.80  |
| TS32GSDHC4.....32GB Class 4 SDHC memory card (by Transcend).....                         | 54.71  |



HDRXC110  
HDD

# SONY

## SONY 3D BLOGGIE™ HD CAMCORDER

- Record up to 2 hours of 3D 1920x1080p HD MP4 video, or 4 hours of 2D to 8GB of internal memory. Convenience features include face detection technology, SteadyShot image stabilization, built-in rechargeable battery and a flip-out USB arm for upload/battery charge.
- 2.4" LCD allows 3D viewing without the need for 3D glasses, vertical/horizontal orientation changes automatically
- Sony Exmor CMOS sensor delivers high-quality video and 5Mp still images
- Auto-macro for close-up images, 4x digital zoom for capturing action from a distance
- Slim design with easy operation, take it anywhere
- Integrated software allows you to tag videos and images on the go and queue them for upload to Facebook or YouTube the next time the camera is connected to a computer.
- Built-in LED light to assist shooting in low-light situations



HDD

MHFSF3.....Pocket HD camera with 3D video/still capture.....	249.99
USB205AF.....USB Extender Cable (by Hosa).....	7.17

# SONY

## SONY HI DEF SDHC CAMCORDERS WITH BUILT-IN PROJECTOR

- Features 1920x1080 Full HD 60p recording, embedded flash memory memory card slots (Memory stick PRO-HG/Memory stick PRO Duo, SD/SDHC/SDXC), built-in GPS receiver for Geotagging, wide angle G lens, 3.0" touch screen, back-illuminated "Exmor R" CMOS sensor, SteadyShot image stabilization, tracking focus, 5.1 surround sound mic, wind noise reduction and direct copy to external HDD without the need for a PC.
- Built-in 10 Lumen, 640x360 projector to project 10" to 60", 1.5' to 9' throw distance
- HDRPJ10 has 16GB of internal memory, 42x extended zoom (30x optical), 3MP still image capture
- HDRPJ30V has 32GB of internal memory, 17x extended zoom (12x optical), 7MP still image capture, built-in flash.



HDD

HDRPJ10.....HD camcorder w/ projector, 16GB.....	699.99
HDRPJ30V.....HD camcorder w/ projector, 32GB.....	949.99
TS32GSDHC4.....SDHC card, 32GB (by Transcend).....	54.71

# SONY

## SONY HDR-CX550V HD CAMCORDER

- 1920x1080 HD recording (HD - MPEG4 AVC/H.264 & SD - MPEG2) with 12MP still capture, 64GB internal flash memory & Memory Stick Duo™ media slot, 3.5" Xtra Fine LCD™ display (with record & zoom controls), geotagging with built-in GPS receiver & NAVTEQ® maps
- Smooth Slow Record function, Smile Shutter™ technology (take still photos when subject smiles), Face Detection, scene modes, SteadyShot™ image stabilization
- BIONZ™ Image Processor works in conjunction with the "Exmor R" CMOS image sensor with ClearVid™ array technology for pristine imaging
- Has wide-angle G-Lens (26.3mm) w/10x optical/120x digital zoom
- 1080/60p playback via HDMI™ & compatible HDTV; BRAVIA® Sync™ technology
- Dual record with 8.3MP still image capture while recording video
- Dolby® Digital 5.1 audio with built-in zoom mic
- USB 2.0, HDMI out, headphone jack, mic in, AV terminal, AV out, Y/Pb/Pr out
- Includes adapter, battery pack, remote commander, cables, lithium battery, software



HDD

HDRCX550V.....HD flash memory camcorder, 64GB, USB, GPS, HDMI.....	923.79
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# VORTEX MEDIA



## VORTEX MEDIA DVD TUTORIALS & INSTRUCTIONAL BOOKS

Instructional videos and books for video and television cameras.

ITEM	DESCRIPTION	PRICE
EX1DVD.....	DVD tutorial for PMWEX1.....	78.00
EX3DVD.....	DVD tutorial for PMWEX3.....	78.00
FBEX1.....	Instructional book for PMWEX1.....	26.00
FBEX3.....	Instructional book for PMWEX3.....	26.00
ILDVD.....	DVD Tutorial for lighting.....	32.50
SXSDVD.....	XDCAM EX workflow disc (DVD-ROM).....	19.50
Z1DVD.....	DVD tutorial for HVR21U & HDRFX1.....	26.00
Z7DVD.....	DVD tutorial for HVR27U, Z5U, Z70.....	71.50

# SONY

## SONY HVRA1U CMOS HDV CAMCORDER

- 1/3" ClearVid CMOS image sensor (3-Megapixel)
- Zoom – 10x optical, Carl Zeiss® Vario-Sonnar® T Lens
- HDV 1080, 60i/30F/24F recording and playback capable
- Built-in HD to SD downconversion, switchable HDV/DV recording
- Digital still capability – 3 MP, records to Memory Stick Duo media
- 14bit A/D conversion w/DXP (Digital Extended Processor)
- IEEE1394 DV terminal, S-Video out, AV, Component out, LANC terminal
- 2 XLR audio inputs, headphone jack (mini), built-in stereo mic
- 2.7" hybrid 16:9 LCD viewfinder panel, manual focus ring
- Min illumination 7 lux @ 18db, normal shutter



HDV

HVRA1U.....C-MOS HDV camcorder.....	2270.27
PHVDM63DM.....63-minute HDV mini-cassette.....	16.58



**SONY**

**SONY HVR-Z5U HDV CAMCORDER**

This compact camcorder offers enhanced imagery for high-definition video with Sony's newly designed G Lens and 3 - 1/3" ClearVid™ CMOS sensor system with Exmor technology. It provides excellent low-light sensitivity, superb color and contrast, and 1080/24p/30p HDV native progressive recording modes. Sony's cutting-edge hybrid recording system, which allows simultaneous recording on tape and non-tape media, can incorporate an optional HVR-DR60 hard disk recorder or HVR-MRC1K memory-recording unit. The HVR-Z5U hybrid recording system can also record HD and SD simultaneous.



HDV

ITEM	DESCRIPTION	PRICE
HVRZ5U	.....HDV camcorder, G Lens, 24p, hybrid recording	.....CALL
ACVQL1BP	.....Quad battery charger	.....462.55
HVRMRC1K	.....Memory recording unit	.....753.08
VCLHG0872K	.....0.8x wide angle conversion lens, with matte box	.....743.82
NPF770	.....InfoLithium battery, 4400mAh	.....99.99
NPF970	.....InfoLithium battery, 6600mAh	.....149.99

**SONY HVR-Z7U CAMCORDER W/ MEMORY CARD RECORDER/PLAYER**

An HDV camcorder with interchangeable lens in a compact handheld shooting format, recording up to 60 minutes of 1080i HDV or 480/60i DV/DVCAM (40min max in DVCAM mode) on a miniDV tape. A detachable HVR-MRC1 memory card recorder/player is also included for simultaneous or tapeless recording. A unique new feature is a new 3.2" XtraFine LCD electronic viewfinder on a 180° tilting mount positioned on top of the conventional eyepiece viewfinder, for high, low and even shoulder mounted shooting. The camcorder has 2 XLR mic input connectors and has uncompressed HD video and audio output signals available on an HDMI connector. Has a smooth slow recording capability. It comes supplied with a Carl Zeiss 12x zoom lens (4.4mm-52.8mm), AC adapter/charger, NP-F570 LI battery, wireless remote, and condenser microphone.



HDV

ITEM	DESCRIPTION	PRICE
HVRZ7U	.....HDV Palmcorder w/memory card recorder/player	.....CALL
HVLLBPB	.....LED video light, battery powered	.....594.32
RM1BP	.....LANC remote control	.....236.58
VCTSP1BP	.....Body-worn camera support device with RM-1B remote	.....807.01
Z7DVD	.....DVD Tutorial for HVR-Z7U/Z5U/S270 (by Vortex Media)	.....71.50
VCL308BWH	.....Wide angle lens, 24-192mm	.....2176.51
SDCFX008GA61	.....Extreme III series CF card, 8GB (by SanDisk)	.....86.96
SDCFX016GA61	.....Extreme III series CF card, 16GB (by SanDisk)	.....156.54

**Battery and Charger Options:**

ITEM	DESCRIPTION	PRICE
ACVQL1BP	.....Quad battery charger and AC adapter	.....462.55
NPF570	.....7.2V 2200mAh LI battery	.....59.99
NPF770	.....7.2V 4400mAh LI battery	.....99.99
NPF970	.....7.2V 6600mAh LI battery	.....149.99

**SONY HXR-MC50U ULTRA COMPACT AVCHD CAMCORDER**

Small in size but big on performance, it combines a wide angle professional G Lens™ and a single 1/2.88" back-illuminated Exmor™ R CMOS sensor that offers exceptional low light sensitivity. It has 1920x1080i AVCHD high definition recording at up to 24Mbps, standard definition recording, and a 3.5" (diag.) LCD display. A built-in 64GB solid state hard disk drive can store up to 6hrs of HD video footage in FX mode. Media card slot accepts Memory Stick Duo/Memory Stick PRO Duo/Memory Stick PRO-HG Duo & SD/SDHC/SDXC media cards. Convenience features include Infrared night vision filming, Optical SteadyShot® Image Stabilization plus Active Mode SteadyShot mode. Assignable dial allows precise manual control of focus, exposure, white balance, iris & shutter speed. It also offers built-in GPS and 10x optical zoom. Inputs/outputs include AV remote multi-pin connector, analog AV, HDMI, USB, component video (Y/Pb/Pr), headphone jack, mic input w/ power, S-Video, & active interface shoe. Includes lens hood, stereo shotgun microphone, AC adapter, component AV cable, application software/USB driver CD-ROM, rechargeable battery pack, AV connecting cable, & USB cable.



AVCHD

ITEM	DESCRIPTION	PRICE
HXRMC50U	.....Compact AVCHD camcorder w/G lens, stereo shotgun mic	.....1451.14

**SONY NEX-VG10 HD CAMCORDER WITH INTERCHANGEABLE LENSES**

Has a large Exmor™ APS HD CMOS sensor and E-mount & A-mount interchangeable lens system (adapter needed for A-mount lenses) to create video with the depth and detail of SLR-class still photos. Shoot AVCHD™ video at up to 24Mbps at full 1920x1080/60i HD resolution. It features a 3.0" Xtra Fine LCD™ 180° swivel display and offers full manual control for adjusting iris, gain, white balance, and shutter speed. Optical SteadyShot™ image stabilization with Active Mode makes it easy to do smooth handheld shots. Take 14-megapixel photos at up to 7fps with convenience features such as Auto HDR, Handheld Twilight, and more. The Quad Capsule Spatial Array stereo microphone contains 4 precision placed mic capsules that provide exceptional front-side directivity and stereo separation. There's also a microphone jack for external mics as well as a stereo headphone jack for precise audio monitoring. A single memory card slot accepts Memory Stick PRO Duo™/PRO-HG Duo™/PRO-HG HX Duo™ media, and SD, SDHC, and SDXC. Also has HD output (HDMI), USB port, and dual accessory shoe. Includes E-mount 18-200mm lens, power cord, USB cable, rechargeable battery & charger, & large eyecup. Also includes a download coupon for a free version of Vegas Movie Studio HD Platinum 10 software.



AVCHD

ITEM	DESCRIPTION	PRICE
NEXVG10	.....Interchangeable lens Handycam camcorder w/18-200mm lens	.....1999.99
SEL16F28	.....16mm f/2.8 wide-angle E-mount lens	.....249.99
HVLF42AM	.....Flash unit	.....299.99
LAEA1	.....A-mount lens adapter	.....199.99
SDDX3032GA31	.....Extreme III SDHC 32GB memory card	.....260.89

**SONY HXR-MC2000U AVCHD CAMCORDER**

A professional, shoulder-mount AVCHD camcorder that is ideal for videographers stepping up to a file-based workflow. It records full-raster 1080i HD AVCHD or DVD quality MPEG-2 SD onto a built-in 64GB solid state drive or to SD/SDHC/SDXC, Memory Stick Duo/Memory Stick Pro Duo and Memory Stick PRO-HG Duo memory cards. A 1/4" back-illuminated Exmor CMOS sensor offers exceptional low-light sensitivity. A wide angle professional quality Sony G Lens is included. Connectors include L & R audio out (RCA x2), Y/Pb/Pr video out (RCA x3), composite video out (RCA x1), digital audio/video out (HDMI x1), earphone out (stereo mini jack), MIC in (1/8" TRS w/ plug-on power), remote jack (2.5mm LANC) and USB 2.0. Other features include 12x zoom, quick AF system, assignable lens ring, 2.7" PhotoPlus touchscreen, Optical SteadyShot® Image Stabilization and Active Mode SteadyShot for tenfold camera shake reduction.



AVCHD

ITEM	DESCRIPTION	PRICE
HXRMC2000U	.....Shoulder-mount AVCHD camcorder	.....1749.00
TS32GSDHC4	.....32GB SDHC memory card	.....54.71
LMSPD32GBSBN.A	.....32GB memory stick pro duo card	.....108.53
NPF970	.....Rechargeable Lithium-Ion battery pack	.....149.99
PC206	.....Protective camcorder bag	.....163.02

**SONY PMW-500 XDCAM HD422 CAMCORDER**

Sony's first XDCAM HD422 with solid-state recording. It supports full-HD 422 50-Mbps MXF record and playback using MPEG-2 Long GOP compression. It can also be switched to record in HD 420 35-Mbps. Its 2/3"-type 3Power HAD FX CCD sensors deliver the same picture quality and low-light performance as the PDW-700, however it records onto Solid State SxS media rather than optical Professional Disc. Up to 120 minutes of HD 422 50-Mbps video can be stored on a single 64Gb SxS card. High level of mobility (main body weighs under 8lbs) and low power consumption. Other features include 24-bit 4-channel audio recording, selectable recording modes and video formats, focus magnification, auto focus assist, automatic lens aberration compensation, slow and quick motion functions, interval and frame recording, gain control, proxy data recording, up/down and cross-conversion capability, 8 assignable switches and a 3.5" color LCD monitor. Body only, lenses sold separately.

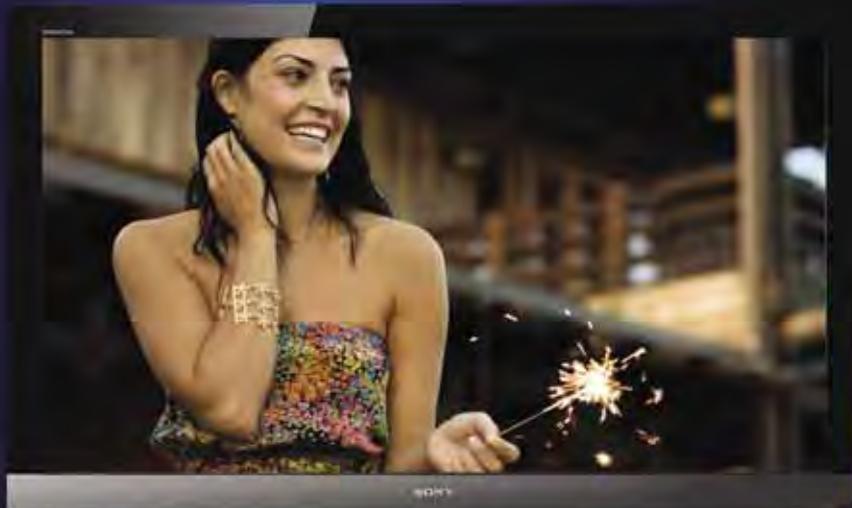


AVCHD

ITEM	DESCRIPTION	PRICE
PMW500	.....XDCAM HD422 Camcorder	.....CALL
XA20SX8.5BRM	.....Telephoto lens, 8.5-170mm focal length, 20x zoom (by Fujinon)	.....CALL
SBP16	.....16GB SxS Pro memory card	.....538.14
SBP32	.....16GB SxS Pro memory card	.....934.82
BPL80S	.....83.5Wh Lithium-ion battery	.....549.62
ACDN10	.....AC adapter/charger	.....741.90
SBACUS10	.....SxS memory card reader/writer	.....240.71
VCT14	.....Tripod adapter	.....320.62

- AUDIO
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- ACCESSORIES

**SONY**  
make.believe



Screen images simulated.

## Because image is everything.

Sony gives you the stunning design, innovative features, industry-leading technology and high-quality video imagery your productions demand.

### Shoot It – Sony® Handycam® Camcorders

Capture the world the way no other camcorders can: the way you see it – with brilliant HD quality, fast response and advanced features.

- Face Detection Smile Shutter™ technology – shooting smiling faces is a cinch
- Intelligent Auto mode – automatically analyzes your shot and selects the appropriate mode settings, for excellent images every time
- New back-illuminated "Exmor™ R" CMOS sensor – stunning low-light sensitivity with improved image clarity and drastically reduced grain
- Quick Auto Focus – don't miss the moment

### Show It – Sony BRAVIA® HDTVs

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**SONY****SONY DIGITAL HD VIDEO CAMERA**

**RECORDER** The HXR-NX5U is the first product in Sony's NXCAM generation. It uses AVCHD format and allows long duration recording with 2 memory slots which record on Sony memory sticks or SDHC cards. It also records in both HD and SD formats. The camera has a focal length of  $f = 4.1$  to 82.0mm (equivalent to  $f = 29.5$  to 590 mm at 16:9 mode) and a 20x optical zoom. It has a built-in 3.2", 16:9 XtraFine LCD monitor and a 0.45", 16:9 viewfinder. Features HDSi and HDMI outputs, 3-pin XLR audio input, and RCA type audio output. Ships with AC adapter/charger, NP-F770 rechargeable battery, AV and USB cables, and microphone.



AVCHD

ITEM	DESCRIPTION	PRICE
HXRNX5U	Digital HD Video Camera, SD card/memory stick recorder	CALL
HXRFMU128	Flash memory unit	693.84
VCLHG0872K	Wide conversion lens	743.82
RM1000BP	LANC remote commander	879.06
TS16GSDHC10	16GB Transcend SDHC card, Class 10	34.58
TS32GSDHC10	32GB Transcend SDHC card, Class 10	64.35

**SONY PMW-EX1R AND PMW-EX3 XDCAM-EX™ HD**

**SOLID STATE CAMCORDERS** Compact camcorders with SxS Pro™ flash memory card and enables non-linear capabilities such as instant random access and file-based operation. There are 2 SxS memory card slots, and the camcorders easily record up to 100min of HD footage at 35Mbps, or 140min at 25Mbps using 2 16GB SxS cards. Three 1/2" Exmor™ CMOS sensors each have a pixel count of 1920x1080 for full HD resolution. Switch between 1080i & 720p with multiple frame recording such as 50i, 59.94i, 50p, 59.94p, and native 25p, 29.97p and 23.98p. Slow & Quick Motion function allows variable frame rate recording. The MPEG-2 long GOP CODEC achieves a balance of quality and the required bit rate. Other features for both cameras include 14x Fujinon zoom lens with auto focus & image stabilization, AF & MF assist functions, built-in stereo mic, 3.5" LCD panel with horizontal resolution of more than 700 TV lines, depth of field display on LCD, SDI output, IEEE1394 out, mini-USB 2.0 type B terminal, component out, and 2 audio XLR inputs with 48V phantom power. The PMW-EX1R also features DVCAM recording and HDMI output. The PMW-EX3 is a semi-shoulder-mounted camera that adds an interchangeable lens system with timecode input/output and genlock for multi-camera operation. It also has 8-pin remote access for studio operation. Both camcorders ship with a lens hood, IR remote controller, USB cable, shoulder strap, clip browsing software, BPU30 battery and BCU1 charger. The PMW-EX3 also comes with a LO-3830 1/2" lens adapter.



XDCAM EX

ITEM	DESCRIPTION	PRICE
PMWEX1R	XDCAM-EX HD camcorder	CALL
PMWEX3	XDCAM EX HD semi-shoulder-mount camcorder, interchangeable lens system, genlock, 8-pin remote connection	CALL
SBP16	16GB SxS Pro memory card	538.14
SBP32	32GB SxS Pro memory card	934.82
SBS64G1A	64GB SxS G1A memory card	952.00
BPU60	Battery, 56Wh (charge time of 170min using BCU1 charger)	264.11
SBACUS10	SxS memory card reader/writer that connects via USB2.0, PC/MAC	240.71

**SONY PMW-350 & PMW-320 XDCAM-EX™ HD**

**SOLID STATE CAMCORDERS** Shoulder-mount camcorders with SxS Pro™ flash memory card recording capabilities. The PMW-350 offers three 2/3" Exmor™ CMOS sensors, while the PMW-320 has three 1/2" sensors. Both have 1920x1080 HD resolution in a 71b package (body only). Using 2 SxS memory card slots, you can record up to 200min of HD footage at 35Mbps on 32GB cards (280min for PMW-320). The MPEG-2 long GOP CODEC achieves a balance of quality and the required bit rate. Switch between 1080i & 720p with multiple frame recording such as 50i, 59.94i, 50p, 59.94p, and native 25p, 29.97p and 23.98p. Slow & Quick Motion function allows variable frame rate recording. Audio can be recorded to 4 channels at 48kHz. Camcorders are studio-configurable, with timecode in/out, genlock in, HD/SD SDI and HDMI out.



XDCAM EX

ITEM	DESCRIPTION	PRICE
PMW320K	XDCAM EX HD camcorder w/16x Fujinon lens	CALL
PMW320L	XDCAM EX HD camcorder, no lens	CALL
PMW350K	XDCAM EX HD camcorder w/16x Fujinon lens	CALL
PMW350L	XDCAM EX HD camcorder, no lens	CALL
SBP16	16GB SxS Pro memory card	538.14
SBP32	32GB SxS Pro memory card	934.82
BPL65A	65Wh Lithium-Ion battery	320.60
BPL95A	95Wh Lithium-Ion battery	595.42
ACDN10	AC adapter/charger	741.90
SBACUS10	SxS memory card reader/writer	240.71
VCTU14	Tripod adapter	213.23

**SONY PDW-500 SERIES XDCAM CAMCORDERS**

These professional XDCAM disc-recording camcorders are designed for the rigors of broadcast ENG/EFP shooting while providing a powerful set of features to fully utilize the capabilities of the XDCAM non-linear disc medium. The cameras use the same 16:9/4:3 switchable Power HAD EX CCD blocks used in the MSW-900 IMX camcorder, so image quality is superb. The PDW530 features MPEG IMX/DVCAM switchable recording and 2 built-in optical filter wheels (ND and CC). XDCAM optical disc recording time runs 85 min per disc using DVCAM 25Mbps, 68 min at MPEG 30 Mbps, 55 min at MPEG 40 Mbps, and 45 min recording at MPEG 50 Mbps rate. The PDW510 model differs only in that it records in DVCAM compression only, and has a single filter wheel. Both models create and record real-time proxy video & audio as well as various type of metadata, which can be streamed to laptop PCs for logging or NLE work using i-LINK and an optional CBK-NC01 Ethernet card. The optional CBK-FC01, 24P shooting card provides "film-like" look capture capability with 24-frame capture in CCD.



ITEM	DESCRIPTION	PRICE
PDW510	DVCAM compression only XDCAM camcorder w/ single filter wheel, no lens	CALL
PDW530	DVCAM & MPEG IMX compression XDCAM camcorder w/dual filter wheels, no lens	CALL
CBKNC01	Optional Ethernet interface card	781.73
CBKFC01	Optional 24P card	1954.32
PFD23	Rewritable optical disc, 23GB, XDCAM format	21.79

**SONY MEAD-MS01 MEMORY STICK ADAPTER**

This enables the use of consumer Memory Stick media for XDCAM EX products. It has the same shape as SxS memory cards, and it will accept 1 high speed Memory Stick which simply slots inside the adapter, and fits within the SxS media slots. Using 8/16/32-GB media, you can get approximately 35, 70, or 140 minutes of recording (in SP mode). It is not recommended to use the Slow Motion recording function on the camera with this due to speed limitations.



ITEM	DESCRIPTION	PRICE
MEADMS01	Memory stick adapter for XDCAM EX	113.80

**SONY PFD23 - XDCAM PROFESSIONAL DISC MEDIA**

- 23.3GB Storage capacity
- 72Mb/s Data transfer (writing) rate

ITEM	DESCRIPTION	PRICE
PFD23	Rewritable optical disc, 23GB, XDCAM format	21.79

**SONY PDW-F335L AND PDW-F355L XDCAM HD OPTICAL DISC CAMCORDERS**

These XDCAM HD camcorders offer a flexible choice of video frame rates, interlace or progressive modes, either 35 Mbps, 25 Mbps and 18 Mbps recording data rates, and both 1080 HD and SD formats. Both models have a 3.5" widescreen color LCD monitor and 2" wide-screen B/W viewfinder and accept Sony WRR855B or WRR861B slot-mounted wireless receivers. They feature MPEG HD and DVCAM switchable recording with three 1/2-inch HD CCDs, and 4 channels of high-quality uncompressed audio. Down-conversion output of SD is a standard feature in these cameras. Instant random access, replay of clips, 10sec picture cache, interval recording, IT network capability and the proxy data advantage provide for an exceptional workflow. They also feature Slow Shutter, Clear Scan, Interval Recording, Auto Focus Function (with compatible lenses) and iLINK interface for file access mode and DV stream output (including down-conversion from HD material). Both single-layer disc (PFD-23A) and dual-layer disc (PFD-50DLA) recording is supported. The PDW-F355 model adds the capability to do overcranking and undercranking, and provides SDI/HD SDI outputs instead of analog HD/SD outputs. Call for information on lenses and other accessories.



XDCAM HD

ITEM	DESCRIPTION	PRICE
PDWF335L	XDCAM HD camcorder w/o lens, analog component outputs	CALL
PDWF355L	XDCAM HD camcorder w/o lens, has over/under cranking feature and SDI/HD SDI outputs	CALL
PFD23	Single layer 23.3GB optical re-writable disc (approx. 43 min. record time)	21.79
PFD50GB	Dual layer 50GB optical re-writable disc (approx. 95 min. record time)	50.54

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PMW-350/320 Series



PMW-350K

PMW-320K

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These cameras join  
the PMW-EX1R and  
PMW-EX3 in the  
XDCAM EX family

### FEATURES

- SxS Pro flash memory card recording capability
- Record up to 200 minutes of HD footage at 35MB/s (2 cards / 32GB each)
- Three Exmor CMOS Sensors (size varies between models)
- Slow & Quick Motion function allows variable frame rate recording
- Full 1920x1080 resolution
- Easily switch between 1080i and 720p
- Weight: 7lbs

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# XDCAM EX

CINEALTA **DVCAM** Exmor FULL HD 3CMOS **SXS**