



## NEX-EA50M

Entry level large sensor NXCAM camcorder.

**\$3,095.00**

U.S. List Price

UPC: 027242884823

### Overview

The NEX-EA50UM has F4 Constant Aperture Servo Zoom G Lens "SELP18105G", and is the replacement model of the NEX-EA50UH. The lens features constant F4 maximum aperture throughout the zoom range, quiet and continuous variable focus/zoom/iris operation, and the length of the lens remains constant for maximum handling consistency, and Optical Steady Shot™ image stabilization, making it ideal for shooting moving images. Variable zooming speed is electronically controlled by zoom rocker levers located on the camcorder's handgrip, top handle, a zoom rocker on the lens itself and by LANC compatible remote controllers as well. The camera is the first in a new series of affordable, entry-level large sensor NXCAM professional camcorders. Thanks to its E mount interchangeable lens system, Exmor APS HD CMOS sensor, powerful imaging capabilities and flexible semi-shoulder design, the NEX EA50M significantly expands creative freedom for Full HD video and 16.0 megapixel high-quality still photos shooting.

### Highlights

- \* Replaces NEX-EA50UH.
- \* It includes the new F4 Constant Aperture Servo Zoom G Lens "SELP18105G". It features: constant F4 maximum aperture throughout the zoom range, quiet and continuous variable focus/zoom/iris operation, and the length of the lens remains constant for maximum handling consistency, and Optical Steady Shot™ image stabilization, making it ideal for shooting moving images. Variable zooming speed is electronically controlled by zoom rocker levers located on the camcorder's handgrip, top handle, a zoom rocker on the lens itself and by LANC compatible remote controllers as well.
- \* E mount interchangeable lens system accepts virtually any 35mm SLR, DSLR, and Cine lenses via inexpensive lens adapters.
- \* Its new Exmor APS HD CMOS sensor was designed for shooting Full HD video and 16.1 megapixel high-quality still photos without artifacts common to still camera sensors.
- \* Six picture profile settings for different shooting conditions are provided as default settings.
- \* As in other NXCAM camcorders, the internal recording format is AVCHD 2.0.
- \* A built-in GPS function automatically records absolute time and location information every half second of a shoot to AVCHD files.
- \* The optional HXR-FMU128 flash memory recording unit permits extended recording times exceeding 12 hours at 24Mbps and 10 hours at 28Mbps.
- \* Simultaneous HD-HD recording to the memory card and FMU128 is possible
- \* Two REC buttons enables to control memory card and the optional HXR-FMU128 in a different trigger (version 2.0 or later).
- \* One memory card slot accepts either compatible memory sticks or SD Cards.
- \* DV format recording and playback (version 2.0 or later).
- \* The NEX-EA50H is capable of shooting in 50Hz or 60Hz systems; enabling users to produce content for clients around the world.

### Specifications

AVCHD Recording  
Modes (1080 59.94i)

Detail

Specifications	
HD-FH	YES
HD-FX	YES
HD-HQ	YES
HD-LP	YES
PS	YES, 1920x1080 60P (59.97P)
Audio Recording Specifications	Detail
Audio Recording Modes	16-bit 48KHz LPCM or Dolby Digital Stereo 48KHz
Camera Specifications	Detail
Filter Diameter	72mm
Imaging Device	Exmor APS HD CMOS Sensor
LCD Screen	3.5 inch-type, XtraFine LCD, approx. 921,600 dots(1920 x 480), 16:9 aspect
Microphone	ECM-XM1 Shotgun type monoaural mic.
Optics/Lens Lens Type	Sony E-Mount, interchangeable lens system
Splash-proof	No
Video Signal	NTSC color, EIA standards HDTV 1080/60i, 1080/60p, 720/60p specification. <i> </i> PAL color, CCIR standards HDTV 1080/50i, 1080/50p, 720/50p specification.
Camera Section Specifications	Detail
Built-in Optical Filters	N/A
Effective Picture Elements	1920 (H) x 1080 (V)
Minimum Illumination	5 lx (w/ SELP18105GLens, 1/24 shutter speed, Auto IRIS, Auto GAIN) [60i] 5 lx (w/ SELP18105GLens, 1/25 shutter speed, Auto IRIS, Auto GAIN) [50i]
Optical System	Single APS-C size sensor
Pickup Device	"Exmor"APS HS CMOS Sensor
Shutter Speed (Time)	Auto: 1/60-1/2000, 30p: 1/30-1/2000, 24p: 1/48-1/2400 Manual:60i/30p/60p: 1/3 - 1/10000, 24p: 1/3 - 1/10000
General Specifications	Detail
Dimensions (W x H x D)	Body only including protrusions 5 5/8 x 8 x 11 1/4 inch Body pnyl including protrusions 142.5 x 203 x 429.5 (mm)
Mass	Body only 3 lbs. 12.7 oz. (1 7280 g) 6 lbs. 15 oz. With: NP-F770, SELP18200 lens, lens hood, LCD viewfinder tube, ECM-XM1 microphone, flash memory unit cover attached.
Operating Temperature	+32 to +104 degrees F (0 to +40 degrees (C)
Power Consumption	5.4W (w/ supplied lens) 6.5W with HXR-FMU128
Power Requirements	(AC adaptor / Battery) 8.4V / 7.2V
Recording Frame Rate NTSC Mode	1080 progressive HD PS (28Mbps) 1920x1080 60p, HD FX (24Mbps) 1920x1080 30p HD FH (17Mbps) 1920x1080 30p, HD FX (24Mbps) 1920x1080 24p, HD FH (17Mbps),1920x1080 24p, <i> </i> 1080 interlaced HD FX (24Mbps) 1920x1080 60i, HD FH (17Mbps) 1920x1080 60i, HD HQ (9Mbps) 1440x1080 60i, HD LP (5Mbps) 1440x1080 60i, <i> </i> 720 progressive HD FX (24Mbps), 1280x720 60p, HD FH (17Mbps) 1280x720 60p <i> </i> Standard Definition (NTSC)

	SD HQ (9Mbps) 720x480/60i (30p Scan) SD HQ (9Mbps) 720x480/60i (24p Scan) DV (25Mbps) 720x480/60i
Recording Frame Rate PAL Mode	1080 progressive HD PS (28Mbps) 1920x1080 50p, HD FX (24Mbps) 1920x1080 25p HD FH (17Mbps),1920x1080 25p - 1080 interlaced HD FX (24Mbps) 1920x1080 50i, HD FH (17Mbps) 1920x1080 50i, HD HQ (9Mbps) 1440x1080 50i, HD LP (5Mbps) 1440x1080 50i, - 720 Progressive HD FX (24Mbps), 1280x720 50p HD FH (17Mbps), 1280x720 50p - Satandard Definition (PAL) SD HQ (9Mbps) 720x576/50i (25p Scan) DV (25Mbps) 720x576/50i
Recording Media	HXR-FMU128optional 128 GB Memory Module SD/SDHC/SDXC Memory Card Memory Stick PRO Duo Mark2 Memory Stick PRO-HG Duo Memory Stick PRO-HG Duo HX
Recording/Playback Time	170 min (2h 50m) with 32GB Memory Stick PRO-HG Duo HX at FX(24Mbps) Linear PCM 2ch recording
Storage Temperature	4 to +140 degrees F (-20 to +60 degrees C)
Video Recording Format	HD: HD MPEG-4 AVCHD format compatible +1080/60p original format) SD: MPEG-2 PS (Same as DVD) SD: DV format
Weight	Body only 3 lbs. 12.7 oz. (1,728g)
<b>Included Lens Specifications</b>	<b>Detail</b>
35mm Equivalent	27 - 157.5mm
Filter Diameter	72mm
Focal Length	18 to 105mm
Focus	Manual & Auto
Image Stabilizer	Optical SteadyShot
Lens Type	SELP18105G Constant F4 Aperture Servo Power Zoom Lens
Maximum Relative Aperture	F4 constant
Optical Zoom	5.8x
Zoom Ratio Selectable	5.8x
<b>Inputs and Outputs Specifications</b>	<b>Detail</b>
AES/EBU Input	Optical SteadyShot
Audio In	XLR 3-pin (female) (x 2), LINE/MIC/MIC with selectable attenuation and +48V phantom power
Audio Out	2 RCA L&R
Component Out	HDMI 1.4 RCA Type (x 3)
Composite Video Out	RCA Type (x 1)
DC Out	N/A
Earphone	3.5mm Stereo
Genlock In	N/A
Gigabit Ethernet	N/A

Lens Connector	E-Mount Hot Shoe
MIC In	Two 3-Pin XLR with selectable attenuation and phantom power
Monitor Speaker	YES
Remote	LANC type 2.5mm
S-Video Out	N/A
SDI In	N/A
SDI Out	N/A
TC In	N/A
TC Out	HDMI 1.4/ 3G HDSDI (embedded SMPTE TC Out)
USB	mini-AB/Hi-Speed (x 1)
i.LINK	N/A

Lens Specifications		Detail
Lens Mount		Sony E-Mount
Monitoring Specifications		Detail
Built-in LCD Monitor		3.5-inch type, touch LCD panel aspect ratio 16:9 921 600 (1 920 x 480)
Viewfinder		Viewfinder tube for LCD screen.

## Accessories

Optional Accessories		
Model:	Description:	U.S.List Price
HXRFMU128	Flash Memory Unit	\$800.00
2NPF970/B	InfoLithium L Series Rechargeable (2) Battery Package	\$250.00
RM1BP	Remote Commander	\$257.50

## Resources

Brochure			
Description:	Release Date	Type/Size	
XDCAM/NXCAM Camcorder Family Brochure		pdf / 4,882K	<a href="#">Download now</a>