



NEXE50MCU

Entry level large sensor NXCAM camcorder.

Pricing available upon request

Overview

Specifications

AVCHD Recording Modes (1080 59.94i) Specifications	Detail
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
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
Exmor R Image Sensor Specifications	Detail
Pixel Gross	Approx. 16.7 megapixels

Sensor	Exmor APS HD CMOS Sensor
General Specifications	Detail
Dimensions (W x H x D)	Body only including protrusions 5 5/8 x 8 x 11 1/4 inch Body only 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 - Standard Definition (PAL) SD HQ (9Mbps) 720x576/50i (25p Scan) DV (25Mbps) 720x576/50i
Recording Media	HXR-FMU128 optional 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)
Included Lens Specifications	Detail

35mm Equivalent	27 - 157.5mm
Filter Diameter	72mm
Focal Length	18 to 105mm
Focus	Manual & Auto
Image Stabilizer	Optical SteadyShot
Iris	Auto/Manual
Lens Type	SELP18105G Constant F4 Aperture Servo Power Zoom Lens
Maximum Relative Aperture	F4 constant
Optical Zoom	5.8x
Zoom Ratio Selectable	5.8x

Inputs and Outputs Specifications		Detail
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)	
Earphone	3.5mm Stereo	
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	
TC Out	HDMI 1.4/ 3G HDSI (embedded SMPTE TC Out)	
USB	mini-AB/Hi-Speed (x 1)	

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
RM1BP	Remote Commander	\$257.50
2NPF970/B	InfoLithium L Series Rechargeable (2) Battery Package	\$250.00
HXRFMU128	Flash Memory Unit	\$800.00

Resources

Brochure			
Description:	Release Date	Type/Size	
XDCAM/NXCAM Camcorder Family Brochure		pdf / 4,882K	Download now

