

**SONY**

Authorized Dealer

## Sony HXR-NX80 4K NXCAM with HDR & Fast Hybrid AF



- Single 1" Exmor RS CMOS Sensor
- XAVC S 4K (3840 x 2160) at 100 Mb/s
- Phase-Detection Autofocus (AF)
- 4K HDR with Hybrid Log-Gamma (HLG)
- Zeiss 12x Optical, 18x Clear Image Zoom
- FHD to 120 fps & Super Slow to 960 fps
- XAVC-S (4K/HD) & AVCHD Recording
- S-Log3/S-Gamut3 Imaging Options
- 2.4 GHz Wi-Fi / Ustream Support
- 2 x SD Card Slots, Relay & Simul Modes

### What's in the Box

Sony HXR-NX80 4K NXCAM with HDR & Fast Hybrid AF

XLR Handle

Lens Hood

Lens Cap

Large Eyecup

Accessory Shoe Kit

USB Cable

NP-FV70A V-Series Battery Pack for Handycam Camcorders (1900mAh)

AC-L200 AC Adapter for Handycam Using A/P/F-Series InfoLITHIUM Batteries

Power Cord

RMT-845 Wireless Remote

CR2025 Lithium Battery (for Remote)

Limited 1-Year Warranty

### Specs

## Sony HXR-NX80 Specs

**Imaging**

---

Image Sensor	1-Chip 1" CMOS Sensor
Sensor Resolution	21.00 MP
Effective Sensor Resolution	14.2 MP
Gain	-3 to 33 dB
Minimum Illumination	3 lux at 1/50 Shutter Speed
White Balance Range	2300 to 15,000K

## Lens

Focal Length	9.3 to 111.6mm
35mm Equivalent Focal Length	29 to 348mm
Optical Zoom Ratio	12x
Max Digital Zoom	18x ( in UHD 4K) 24x ( in 1080p)
Maximum Aperture	f/2.8 to 4.5
Minimum Focusing Distance	Wide: 0.4" / 1.0 cm Telephoto: 39.4" / 100.0 cm
Filter Size	62 mm
Control Rings	Focus Zoom
Image Stabilization	Optical
Focus Control	Autofocus Manual Focus

## Camera

Shutter Speed	1/6 to 1/10,000 sec
Built-In ND Filter	Mechanical Filter Wheel with 2 Stop (1/4), 4 Stop (1/16), 6 Stop (1/64) ND Filters
Built-In Microphone Type	Stereo
Recording Media	1 x SDXC/Memory Stick PRO Duo Hybrid Card Slot 1 x SDXC/SDHC Card Slot

## Recording

Recording Modes	<b>XAVC S 4:2:0:</b> 3840 x 2160p at 23.98/25/29.97 fps (60 to 100 Mb/s) 1920 x 1080p at 100/120 fps (60 to 100 Mb/s) 1920 x 1080p at 50/59.94 fps (25 to 50 Mb/s) 1920 x 1080p at 29.97 fps (16 to 50 Mb/s) 1920 x 1080p at 23.98 fps (50 Mb/s) <b>XAVC S:</b> 1280 x 720p at 23.98/25/29.97/50/59.94 fps (9 Mb/s) 1280 x 720p at 23.98/25/29.97/50/59.94 fps (3 Mb/s) <b>AVCHD:</b> 1920 x 1080PsF at 50/59.94 fps (28 Mb/s) 1920 x 1080i at 50/59.94 fps (17 to 24 Mb/s)
-----------------	--

	1920 x 1080p at 23.98/25/29.97 fps (24 Mb/s)
	1440 x 1080i at 50/59.94 fps (5 Mb/s)
	1280 x 720p at 50/59.94 fps (9 Mb/s)
Variable Frame Rates	UHD: 1 to 30 fps 1080p: 1 to 120 fps 1080p: 240 to 960 fps 1080p: 250 to 1000 fps
Audio Recording	XAVC: 2-Channel 16-Bit 48 kHz LPCM Audio Proxy: 2-Channel 16-Bit 48 kHz AAC Audio AVCHD: 2-Channel 16-Bit 48 kHz LPCM Audio 2-Channel 16-Bit 48 kHz AC-3 Audio
IP Streaming	MPEG2, UDP: 1280 x 720 at 24p, 30p (3.0 Mb/s) MPEG2, UDP: 640 x 360 at 24p (1.0 Mb/s)

## Interfaces

Video Connectors	1 x HDMI Output 1 x Multi/Micro-USB A/V (Composite) Output
Audio Connectors	2 x 3-Pin XLR Mic/Line Level (+48 V Phantom Power) Input 1 x 1/8" / 3.5 mm TRRS Headphone/Microphone Headphone Output
Other I/O	1 x 2.5 mm LANC Control
Wireless Interfaces	2.4 GHz Wi-Fi Video Output, Audio Output, Control

## Display

Display Type	LCD
Screen Size	3.5"
Touchscreen	No
Screen Resolution	1,560,000 Dots

## EVF

EVF Display Type	OLED
Screen Size	.39"
EVF Resolution	2,360,000 Dots

## Power

Battery Type	Sony V-Series
Power Connectors	1 x Barrel Input
Power Consumption	6.1 W

## Environmental

Operating Temperature	32 to 104°F / 0 to 40°C
Storage Temperature	-4 to 140°F / -20 to 60°C

**General**

Accessory Mount	1 x Multi-Interface Shoe
Tripod Mount	1/4"-20 Female
Built-In Light	Yes (Infrared)
Dimensions	5.1 x 7.1 x 11.3" / 130 x 181.5 x 287 mm
Weight	2.2 lb / 1 kg

**Packaging Info**

Package Weight	4.78 lb
Box Dimensions (LxWxH)	10.25 x 9.65 x 5.95"