

NEX-VG20

Unleash your creativity with Sony's new interchangeable lens Handycam® NEX-VG20 camcorder. Featuring a 16.1-megapixel Exmor™ APS HD CMOS sensor for gorgeous depth of field, this camcorder is in a class of its own. Record 1920x1080/24p AVCHD™ video for smooth cinematic scene content and capture DSLR-like photos in RAW and JPG.



Interchangeable lenses

The NEX-VG20 is compatible with Sony's E-mount series of smaller, lighter lenses which are optimized for video shooting with silent operation and AF as well as Sony/Minolta A-mount lenses (via optional LA-EA2 A-mount adapter) to open up a world of creative options.

Exmor™ APS HD CMOS sensor

The same sensor format that Sony builds into the standard size DSLRs. With approximately 19.5 times the surface area of conventional camcorders, the Exmor™ APS HD CMOS sensor makes getting cinematic video with a shallow depth of field video a breeze.

Up to 24Mbps AVCHD™ 2.0 video

The NEX-VG20 can capture video in full 1920x1080 high definition at up to 24Mbps for amazing clarity and detail, ideal for recording on to Blu-ray Disc™ media since the AVCHD™ 2.0 codec is highly compatible with the Blu-ray Disc format.

CinemaTone presets and 24p recording for cinematic quality video

For extra control over image expression, CinemaTone technology is used to deepen the color and recreate film-like color tones. Combined with 24p recording, you'll have some of the tools you need to fulfill your need for cinematic expression.

16.1MP RAW Still Images at up to 6fps

Enjoy incredible DSLR-quality detail and clarity with 16.1MP RAW still images and even catch fast action sequences with a continuous burst rate of up to 6fps.

Quad Capsule Spatial Array Stereo Microphone

High quality video requires high quality audio. The Quad Capsule Spatial Array stereo microphone contains four precision placed microphone capsules that are perfectly angled at 45 degrees to provide exceptional front-side directivity and stereo separation.

Mic/Headphone jacks

Dedicated mic and headphone inputs allow for attachment of external microphones (like shotgun microphone ECM-CG50 for pin point sound recording) and headphones to monitor sound.

Optical SteadyShot™ w/ Active Mode3

Optical SteadyShot™ image stabilization with Active Mode3 built-in supplied lens compensates for greater degrees of camera shake to deliver stunningly smooth video.

Accepts lenses5

Using the LA-EA2 adaptor (sold separately), you can attach the full selection of A- an E-mount system lenses, which includes 27 current models, dozens of Minolta A-mount lenses, and an installed base of millions of lenses worldwide. Operational restrictions apply.5

Sony Vegas® Movie Studio HD Platinum 11

Included free of charge via download, Sony Vegas® Movie Studio HD Platinum 11 allows you to easily add video effects, background music, titles, text, transitions, and much more. Everything you need to create dramatic HD movies like a pro. Share your creations via DVD, Blu-ray Disc™ media, or upload to the web – all from one easy to use program.

Full Manual Control

With full manual control of Iris, Shutter Speed, Gain, White Balance, Recording Volume, via convenient hot keys and jog dial, you will be able to adapt to almost any lighting condition to get the best shot.

Advanced controls with expanded focus, zebra, and peaking

The NEX-VG20 provides advanced capture and control features that are often considered the domain of professional cameras including expanded focus for precise manual focus control, zebra and peaking for precision focus and exposure adjustments.

3.0" Xtra Fine LCD™ 270o swivel display (921k pixels)

TruBlack™ technology brings remarkably higher contrast and brightness to the camcorders 3.0" Xtra Fine LCD™ Touch Screen display, delivering more natural, realistic colors and easier viewing in bright conditions by reducing glare. The swivel display also allows for easy viewing of the LCD in different shooting positions.

Dual Accessory Shoes (Alpha Hot/ Universal Cold)

The dual accessory shoes open the door to many accessories for both still and video photography, including shotgun microphones and external flash lighting.

Six Creative Style settings

Control how the camera processes your images with six finishing styles: Standard, Vivid, Portrait, Landscape, Sunset and B&W. You can even fine-tune contrast, saturation, and sharpness to your personal taste.

Auto HDR (Photo Mode)

High Dynamic Range (HDR) photography captures more scene contrast than a single exposure can handle by taking three consecutive shots very quickly with different exposure values, then combining the best highlight/shadow detail from them for one incredible shot. Ideal for situations where severe backlighting is present and other high-contrast scenes. (Recommended for still subjects.)

These help you get the shot by optimizing the camera for specific shooting situations. Select from Auto, Daylight, Shade, Cloudy, Incandescent, Fluorescent, Flash, and Custom modes.

Anti Motion Blur (Photo Mode)

Perfect for situations with poor lighting or when using a telephoto lens, Anti Motion Blur mode will take 6 consecutive shots in a split second, taking the best of each individual image, and creating a single image with superb clarity and detail. Ideal for minimizing subject movement in low lighting conditions.

Handheld Twilight (Photo Mode)

Eight White Balance Modes

Specifications

Camera		Power Consumption (in Operation)	HD:4.4W(with SEL 18200 Lens), STD:4.2W(with SEL 18200 Lens)	Supplied Accessories	Sony Vegas® Movie Studio HD Platinum 10 download coupon ⁴ Large Eyecup Body mount cap Lens rear cap AC-PW10AM Battery Charger AC Power cord NP-FV70 Lithium ion rechargeable battery USB cable (Mini B) CD-ROM
Lens Mount	E-mount	Software			
Recording		Supplied Software	PMB (Picture Motion Browser) v5.2		
Still Image Size 3:2	L (16.0M): 4912 x 3264 M (7.1M): 3568 x 2000 S (4.0M): 2448 x 1624	Operating System Compatibility	Windows XP SP2 (32bit), Vista SP2 (32/64 bit), Windows 7 (32/64 bit)		
Video Mode	AVCHD: 1920 x 1080/ 60p/24p 60i (FX/FH); FX - 24Mbps, FH - 17Mbps; 1440x1080/60i HQ -9 Mbps	Service and Warranty Information			
Optics/Lens		Limited Warranty Term	1 Year Parts & 90 days labor		
Focal Length (35mm equivalent)	Photo Mode: 27mm-300mm; Video Mode: 32.4mm-360mm (35mm equivalent) (included SEL18200 lens)	Weights and Measurements			
Drive System		Dimensions (Approx.)	Approx. 1 15/16" x 1 3/16" x 3 1/4" (Approx)		
Shutter Speeds	Auto: 1/30 - 1/4000 (Movie) , 30 seconds - 1/4000 (Still); Manual: 1/4 - 1/4000 (Movie) , 30 seconds - 1/4000 (Still)	Weight (Approx.)	Approx. 1 lb 6 oz (645g) (body only, excluding battery) Approx. 2lb 13oz(NP-FV70) (supplied battery) (with SEL18200 LENS)		
Advanced Features		Accessories			
Advanced User Interface	Easy-to-understand Graphic Display	Optional Accessories	Rechargeable InfoLITHIUM Batteries (FV70 / FV100) AC Adaptor / Charger for V series batteries (AC-VQV10) Travel Charger (BC-TRV) HDMI Cable (mini) (VMC-30MHD) Tripod (VCT-80AV)		
Interface					
SD Output	Composite Video Out(A/V connecting cable(supplied)) Component Video Out(Component A/V cable(supplied)) S Video Out(A/V connecting cable with S Video(sold separately))				
Power					

- 4. Mac OS[®] not supported.
- 5. Attaching Sony A-mount lens requires LA-EA2 adaptor sold sep. Manual focus and full open aperture shooting only.
- 7. Auto Focus is only available with Sony E-Mount lenses
- 8. Requires VMC-UAM1 cable, AC power for camcorder, and FAT-32 hard drive less than 2TB (Terabytes) sold sep

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