

NEX-F3K/B

The performance of a DSLR in about half the size and weight. With a new 180° tilt screen, the NEX-F3 makes taking self-portraits easy and intuitive. Enjoy gorgeous HD movies,¹ astounding low-light pictures, continuous shooting up to 5.5 fps, incredible panorama shots, and Live View on a 3.0-inch LCD.

16.1 MP APS-C size HD image sensor

The same sensor format that Sony builds into the full-sized DSLRs. With 13 times the area of the typical point-and-shoot image sensor, APS-C makes the difference between “snapshots” and “photographs,” delivering an exceptional combination of high resolution, high sensitivity and gorgeous, blurred backgrounds.

BIONZ® image processor

The brains of the camera is a refined version of Sony’s BIONZ image processor. Its chroma noise reduction delivers high-resolution, low-noise photos even at ISO 16000 sensitivity. Also enables fast processing for up to 5.5 fps continuous shooting of data-intensive 16.1 megapixel images, 2D/3D Sweep Panorama™ modes and 6 image layering.

ISO 200 - 16000 sensitivity

The Exmor™ APS HD CMOS sensor and BIONZ image processing engine combine to ensure clear imaging with reduced noise. In addition to an ISO AUTO range of ISO 200 - 3200, user-selectable sensitivity of up to ISO 16000 is offered, making it possible to capture low-light photos with reduced blur using fast shutter speeds.

Full HD 1080/60i/24p movies

Record super smooth 1080 Full HD Video in either 60i or 24p frames per second. Records in your choice of 1080/60i or 24p AVCHD™ format or in PC-friendly 1080/30p MP4 format.

Built-in flash

Perfect when an extra burst of light is needed to get the shot, the built-in Guide Number 6* flash combines with high ISO sensitivity to enable shooting in just about any setting.

180° tiltable 3.0" LCD

Self-portraits made easy 180° tiltable 3.0" Xtra Fine LCD screen and 3-second count down timer

Up to 5.5 frames per second

Capture the decisive moment in sports and get the ideal baby photo. Up to 5.5 fps continuous shooting at full 16.1 MP resolution with exposure and focus fixed at the first frame. Standard continuous shooting at up to 2.5 fps.

Convenient USB charging

Easily recharge the NEX-F3 via USB charging

Live View LCD

The LCD monitor is active full-time for composing shots. Provides a what-you-see-is-what-you-get preview of white balance, focus, depth of field, exposure and 100% framing accuracy, plus informative on-screen displays.

On-screen Help Guide

Provides a ready-reference that explains the camera’s modes and settings. It walks through the camera’s operation so you get the best shot. Helps you advance from basic operation to greater sophistication.

Control Wheel + Customizable Soft Keys

Unlike cameras that bristle with knobs, buttons and dials, the NEX-F3 features a simple turn-and-click Control Wheel and context-sensitive Soft Keys. It’s elegant, uncluttered and intuitive.

Accepts

Using the LA-EA1 or LA-EA2 adaptor (sold separately), you can attach the full selection of A-mount system lenses, which includes 34 current models and an installed base of millions of lenses worldwide. Operational restrictions apply.⁹

Accepts image stabilized lenses

Selected E-mount lenses incorporate Optical SteadyShot® image stabilization to combat the effects of camera shake. Building stabilization into the lenses enables the camera body to be remarkably thin and light.

Specifications

Camera		Panorama Still Image Size Sweep Panorama: horizontal 12416 x 1856 (23M), vertical 5536 x 2160 (12M), Standard: horizontal 8192 x 1856 (15M), vertical 3872 x 2160 (8.4M) 3D Sweep Panorama: 7152 x 1080 (7.7M), Standard: 4912 x 1080 (5.3M), 16:9: 1920 x 1080 (2.1M)	Dimensions (Max. Diameter x Length) 62 x 60mm		Focus Points 25 points
Lens Compatibility	Sony E-mount lens, (Sony A-mount lenses when used with LA-EA1 or LA-EA2 lens adaptor)		Direct Manual Focus Yes	AF Modes Single-shot AF, Continuous AF, Direct Manual Focus, Manual Focus	
Lens Mount	Sony E-mount		Exterior Finish Metal	Focus Area Multi Point AF (25 points), Center Weighted AF, Flexible Spot AF	
Camera Type	Sony E-mount interchangeable lens digital camera with built-in flash		Focus Ring in AF Mode No rotation	Focus Sensitivity 0 EV to +20 EV (at ISO100 conversion with F2.8 lens)	
Imaging Sensor			Internal Motor Yes (Stepping motor)	Manual Focus Assist Magnified display for precise manual focus	
Imaging Sensor	Exmor APS HD CMOS		Lens Weight 2.5oz (70g)	Focus Features Predictive Focus Control, Focus Lock, Tracking Focus	
Processor	BIONZ™ image processor		Low Noise During Movie Capture Excellent	AF Illuminator Built-in, LED type	
Anti Dust	Charge protection coating on Low-Pass Filter and electromagnetic vibration mechanism		Maximum Magnification 0.25x (APS-C)	Exposure System	
Pixel Gross	Approx. 16.7 megapixels		Mount Material Metal	Picture Effect(s) Posterization (Color, B/W), Pop Color, Retro Photo, Partial Color (R,G,B,Y), High Contrast Mono, Toy Camera, Soft High-key, Soft Focus, HDR Painting, Rich-tone Mono, Miniature	
Effective Picture Resolution	Approx. 16.2 megapixels		Non-rotating Focusing Ring No rotation		
Focal Length Conversion Factor	1.5x	Viewfinder			
Color Filter System	RGB primary color filters	Magnification 0.073x (APS-C) (when attached)			
Recording		LCD Display			
Media Type	Memory Stick PRO Duo™/Pro-HG Duo™, media SD, SDHC and SDXC memory card	LCD Type 3.0" TFT Xtra Fine™ LCD (921,600 pixels) w/TruBlack™ technology			
Color Space	sRGB, AdobeRGB	Angle Adjustment Up: Approx. 180 degrees, Down: Approx. 13 degrees			
Still Image Mode	JPEG (Standard, Fine), RAW, RAW+JPEG	Brightness Control Auto (-2 to +2 step sunny weather)			
Still Image Size 16:9	L (14M): 4912 X 2760 M (7.1M): 3568 X 2000 S (3.4M): 2448 X 1376	Coverage 100%			
Still Image Size 3:2	L (16M): 4912 X 3264 M (8.4M): 3568 X 2368 S (4M): 2448 X 1624	Live View Yes, (Constant AF Live View)			
Optics/Lens		Real-time image adjustment display Yes (On/off)	Creative Style Standard, Vivid, Portrait, Landscape, Sunset, B/W, Saturation, Sharpness		
Lens Mount Type	Sony E-mount	Histogram Yes (On/off)			
Aperture (Max.)	f/3.5-5.6	Peaking Yes (MF only, Level setting: High/Mid/Low/Off), (Color: White/Red/Yellow)			
Aperture (Min.)	f/22-34	Grid Display Yes (On/off)			
Focal Length (35mm equivalent)	27mm-82.5mm (35mm equivalent)	Customization Brightness: Auto, Manual, Sunny Weather Display Color: Black, White, Blue, Pink			
Filter Diameter	49mm	Focus Control			
Lens Construction	Metal	Focus System Contrast-detection AF			
Lens Groups-Elements	9 groups, 11 elements (4 aspheric surfaces)				
Minimum Focus Distance	9.8" (0.25m)				
Angle of View	76° - 29°				
Aperture Blade	7 blades (Circular aperture)		Exposure Settings iAUTO, Program Auto (P), Aperture priority (A), Shutter priority (S), Manual (M), Sweep Panorama (2D), Sweep Panorama (3D), Anti Motion Blur, Picture Effect, Scene Selection		
Aspheric Elements	4 aspheric surfaces				

ISO	ISO200 to 16000, AUTO (ISO200 to 3200)
Metering	1200-zone evaluative metering
Metering Modes	Multi-segment, Center-weighted, Spot
Metering Sensitivity	0EV-20EV, (at ISO 100 equivalent w/ f/2.8 lens)
Noise Reduction	Long exp.NR: (On/Off, available at shutter speeds longer than 1 second) High ISO NR: (Normal/Low)
Scene Mode(s)	Portrait, Landscape, Macro, Sports action, Sunset, Night portrait, Night View, Handheld Twilight
White Balance Mode	Auto, Daylight, Shade, Cloudy, Incandescent, Fluorescent, Flash, Setting the color temperature, Color Filter, Custom
Drive System	
Burst Buffer	JPEG (Fine: 18 shots, Standard: 30 shots), RAW (7 shots), RAW+JPEG (6 shots)
Drive Mode	Single-shot, Continuous, Speed Priority, Self-timer, Continuous Self-timer, Bracketing
Flash Sync Speed	1/160 seconds
Shutter Speeds	1/4000 to 30 seconds, bulb
Shutter Type	Electronically-controlled, vertical-traverse, focal-plane shutter
Flash	
Flash Bracketing	3 frames, 1/3, 2/3EV steps selectable
Flash Compensation	+/-2EV, 1/3EV steps
Flash Coverage	FOV coverage up to 16 mm (in the focal length)
Flash Metering System	Pre-flash TTL
Flash Modes	Autoflash, Fill-flash, Rear sync., Slow sync., Red-eye reduction
Flash Type	Built-in flash
Guide Number	6 (in meters at ISO 100 equivalent)
Recycling Time	Approx. 3 sec

Advanced Features	
Face Detection	Off, Auto, Child Priority, Adult Priority
Smile Shutter™ technology	Yes - Off, Slight, Normal, Big
Advanced User Interface	Easy-to-understand Graphic Display and on-screen Help Guide User-friendly function menu
Anti Motion Blur	δ-image layering
Auto High Dynamic Range	Yes, (Auto Exposure Difference, Exposure difference Level (1-6 EV at 1.0 EV step), off)
Photo Creativity	Yes (via iAuto Mode)
Shooting Tips	Yes
Sweep Panorama	Horizontal, Vertical, and 3D Panorama
Interface	
BRAVIA® Sync™	Yes, via HDMI with compatible BRAVIA HDTV
DVDirect	Yes, via USB
HD Output	HDMI® (TypeC mini)
Memory Card Slot	Dual slot: Memory Stick PRO Duo™/ Pro-HG Duo™, media - SD, SDHC and SDXC memory card
PhotoTV HD	Yes, with BRAVIA Sync™ enabled HDTV and HDMI® cable
USB Port(s)	USB2.0 Hi-speed (mass-storage, PTP)
Dimensions (Approx.)	
Dimensions (Approx.)	Approx. 4-5/8 x 2-5/8 x 1-11/16" (117.3 x 66.6 x 41.3mm) (W/H/D)
Weights and Measurements	
Weight (Approx.)	Approx. 9.0 oz (255g) (excl battery & media) Approx. 11.1 oz (314g) (w/battery & media)
Power	
Battery Type	InfoLithium NP-FW50, 7.2V
Number of Still Images	Approx. 470 images (CIPA standard)
Software	

Supplied Software	PlayMemories Home; Image Data Converter SR v4.0
Operating System Compatibility	Windows XP SP3 (32-bit), Windows Vista SP2, Windows 7 SP1; Mac OS X (v10.3- 10.6)
Accessories	
Supplied Accessories	SEL1855 E-mount 18-55mm F3.5-5.6 lens Lens cap Lens rear cap Lens Hood BC-VW1 Battery Charger Power cord NP-FW50 Lithium ion rechargeable battery Shoulder strap USB cable (Mini B) CD-ROM

- 1.Records in up to 29 minutes segments.
- 3.Requires 3D HDTV, HDMI cable (at least 10.2 Gbps) and active 3D glasses sold sep.
- 5.Attaching Sony A-mount lens requires LA-EA1 (note: Autofocus available with SSM and SAM series lenses when using LA-EA1) or LA-EA2 adaptors (sold separately).
- 6.Compatible with BRAVIA® Sync or Theatre Sync™ HDTVs connected via HDMI®.
- 7.Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use.
- 8.Requires compatible BRAVIA® HDTV and cable sold sep.
- 9.Auto Focus function available with Sony E-Mount lenses and Sony A-mount SSM and SAM series lenses when using LA-EA1.
- 10.Files compatible with iMovie® '09 or later on Mac. Software not compatible with Mac OS® X.
- 11.Requires HDTV and HDMI cable sold sep.

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Updated: May 14, 2012