

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

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	
Lens Compatibility	Sony E-mount lens, (Sony A-mount lenses when used with LA-EA1 or LA-EA2 lens adaptor)
Lens Mount	Sony E-mount
Camera Type	Sony E-mount interchangeable lens digital camera with built-in flash
Imaging Sensor	
Imaging Sensor	Exmor APS HD CMOS
Processor	BIONZ™ image processor
Anti Dust	Charge protection coating on Low-Pass Filter and electromagnetic vibration mechanism
Pixel Count	Approx. 16.7 megapixels
Effective Picture Resolution	Approx. 16.2 megapixels
Focal Length Conversion Factor	1.5x
Color Filter System	RGB primary color filter
Recording	
Media Type	Memory Stick PRO Duo™/P2™/HD Duo™, media SD, SDHC and SDXC memory card
Color Space	sRGB, AdobeRGB
Still Image Mode	JPEG (Standard, Fine), RAW, RAW+JPEG
Still Image Size L+J	L (14MP): 4912 X 2760 M (7.1MP): 3568 X 2000 S (3.4MP): 2448 X 1376
Still Image Size S-J	L (14MP): 4912 X 3264 M (8.4MP): 3568 X 2560 S (4.5MP): 2448 X 1624

Panorama Still Image Size	Sweep Panorama: Horizontal: 13416 x 1856 (23MP), Vertical: 5536 x 2160 (12MP), Standard: Horizontal: 8192 x 1856 (15MP), Vertical: 3872 x 2160 (8.4MP), 3D Sweep Panorama: 7152 x 1080 (7.7MP), Standard: 4912 x 1080 (5.5MP), 16:2: 1920 x 1080 (2.5MP)
Video Format	AVCHD / MP4 (H.264) / AVC (H.264)
Video Mode	AVCHD: 1920 x 1080/ 60i 100/50/30/25p/ FX, 50i/17Mbps/ FH, 24p/24Mbps/ FH, 24p/17Mbps/ FH, MP4 HD: 1440 x 1080/ 30p (29.97 Progressive), Approx. 12Mbps (Average bit-rate), MP4 VGA: 640 x 480/ 30p (29.97 Progressive), Approx. 3Mbps (Average bit-rate)
Video Resolution	MP4 HD: 1280 x 720/ 30p MP4 VGA: 640 x 480/ 30p
Audio Format	MPEG-4 AAC-LC

Optical/Lens	
Lens Mount Type	Sony E-mount
Aperture (Max.)	f/3.5-5.5
Aperture (Min.)	f/22-34
Focal Length (35mm Equivalent)	27mm-82.5mm (35mm equivalent)
Filter Diameter	49mm
Lens Construction	Metal
Lens Groups-Elements	9 groups, 11 elements (4 aspheric surfaces)
Minimum Focus Distance	9.8" (0.25m)
Angle of View	36° - 29°
Aperture Blade	7 blades (Circular aperture)
Aspheric Elements	4 aspheric surfaces

Dimensions (Max. Diameter x Length)	62 x 60mm
Direct Manual Focus	Yes
Exterior Finish	Metal
Focus Ring in AF Mode	No rotation
Internal Motor	Yes (Stepping motor)
Lens Weight	2.5oz (70g)
Low Noise During Movie Capture	Excellent
Maximum Magnification	0.25x (APS-C)
Mount Material	Metal
Non-rotating Focusing Ring	No rotation

Viewfinder

Magnification	0.073x (APS-C) (when attached)
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LCD Display

LCD Type	3.0" TFT (3rd Gen) LCD (921,600 pixels) w/TruBlack™ technology
Angle Adjustment	Up: Approx. 180 degrees, Down: Approx. 13 degrees
Brightness Control	Auto (-2 to +2 step sunny weather)
Coverage	100%
Live View	Yes, (Constant AF Live View)
Real-time image adjustment display	Yes (On/off)
Histogram	Yes (On/off)
Peaking	Yes (MF only, Level setting: High/Mid/Low/Off), Color: White/Red/Yellow
Grid Display	Yes (On/off)
Customization	Brightness: Auto, Manual, Sunny, Weather Display, Color: Black, White, Blue, Pink

Focus Control

Focus System	Contrast-detection AF
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Focus Points	25 points
AF Modes	Single-shot AF, Continuous AF, Direct Manual Focus, Manual Focus
Focus Area	Multi Point AF (25 points), Center weighted AF, Flexible Spot AF
Focus Sensitivity	0 EV to +20 EV (at ISO100 conversion with F2.8 lens)
Manual Focus Assist	Magnified display for precise manual focus
Focus Features	Predictive Focus Control, Focus Lock, Tracking Focus
AF Illuminator	Built-in, LED type

Exposure System

Picture Effects	Posterization, sColor, s/W, Pop Color, Retro Photo, Partial Color (s.C.s.V), High Contrast Mono, Toy Camera, sSR High-key, Soft Focus, HDR Painting, Rich-tone Mono, Miniature
Auto Exposure Lock	Yes (AE Lock with focus lock)
Color Temperature	2500 - 9900 K with 16-step Magnified / Green compensation
Creative Style	Standard, Vivid, Portrait, Landscapes, Sunset, s/W, Saturation, Sharpness
Distance Optimizer	Yes (Auto, Level 1-5, Off)
Exposure Bracketing	3 continuous exposures in 0.3 or 0.7 EV steps
Exposure Compensation	±3.0 EV (in 0.3 EV steps)
Exposure Settings	AUTO, Program Auto (P), Aperture priority (A), Shutter priority (S), Manual (M), Sweep Panorama (20), Sweep Panorama (30), Anti Motion Blur, Picture Effect, Scene Selection

Sony F3 Manual

J Rink



Sony F3 Manual:

The Complete Guide to Sony's Alpha 58 SLT (B&W Edition) Gary Friedman,2013-06-13 Love your new 20 megapixel wonder but having a hard time understanding all of its functions Then this book is for you Written for the advanced user with tutorials and easy explanations in case you re not so advanced this easy to understand yet thorough guide provides a complete instruction manual which explains each feature in plain English and provides hundreds of visual examples as well There is no better way to learn about and get the most out of your camera More info at <http://friedmanarchives.com/alpha5>

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Popular Photography ,1999-03 **Complete Guide to Digital Cameras** Michael D. Murie,1999 The Complete Guide to Digital Cameras will appeal to anyone who has recently purchased or is considering an investment in a digital camera Sections include introduction to digital cameras tips on use available options how to transfer images from camera to computer image manipulation along with model comparisons and index of currently available cameras Together the book and CD ROM will answer questions you have about digital cameras enable you to make intelligent buying decisions and help you use your camera to its full potential No camera purchase is complete without this informative guide **Research & Development** ,1992 *SV. Sound and Vibration* ,1992 **Sound & Vibration** ,1992 **The Big Book** ,2007

Modern Photography ,1987 **Popular Photography** ,1995-08 **Popular Photography** ,1983-01 **Macworld** ,2005 **Sears [catalog]**. Sears, Roebuck and Company,1993 **Bibliographic Guide to Music** Gale Group,2001-07

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