

SONY

SLT-A58K

Sony α 58 Camera and 18-55mm Lens

Introducing the clever DSLR that makes taking incredible pictures a snap. Become a better photographer instantly, with 20.1MP clarity and lock-on focusing for ultra-sharp action shots. It's versatile, too. Frame your subjects in real time with your eye on the OLED viewfinder (even while shooting video) or the live-view LCD. It's serious photographic bang for the buck.



Key Features

20.1 MP Exmor® HD APS sensor with 5 FPS continuous shooting

Every scene is captured beautifully, from corner to corner, with fine details and rich tonal gradations thanks to Sony's proprietary Exmor™ APS HD CMOS sensor. Its large size delivers high sensitivity, attractive defocusing effects, and low noise in wide-ranging shooting situations including dimly lit environments. Impressive 20.1-effective-megapixel resolution also brings every detail to life.

Translucent Mirror Technology™ accelerates AF performance

Sony's Translucent Mirror Technology™ simultaneously directs light to the image sensor and AF sensor on a continuous basis to realize full-time live view shooting and accelerated full-time continuous phase-detection autofocus even during HD movie shooting. It's the cornerstone of Sony interchangeable-lens camera technology.

1080/60i/24p Full AVCHD™ or 1080/30p MP4 movies⁴

Create movies of amazing clarity at Full HD resolution with full-time continuous phase-detection AF, the same swift, accurate focusing used during still photography. Movies can be recorded at 60i for super smooth playback or 24p for a rich cinematic look. You can also use P/A/S/M exposure modes to expand your movie making creativity.⁴

Lock-on AF for even easier focusing of moving subjects

Now it's easier than ever to keep moving subjects in focus. Using Sony Translucent Mirror Technology and subject size detection, the new Lock-on AF continuously adjusts target frame size based on various subject characteristics and dramatically increases the in-focus rate. Even if your subject's face cannot be detected, it ensures smooth, stable focusing using the optimal AF point — without having to search.

High Contrast SVGA OLED Tru-Finder EVF

The OLED viewfinder makes it easy to shoot stills and movies in almost any lighting condition and allows for live-view shooting thanks to Translucent Mirror Technology™. The ultra-sharp, bright 1.44 million dot display provides 100% field-of-view frame coverage that is perfect for accurately monitoring results as you shoot.

Up to ISO 16000 sensitivity with advanced noise reduction

With a new Exmor™ sensor that features the same adaptive noise reduction technology from Sony's flagship SLT-A99V, the SLT-A58 easily offers a wide range of sensitivity from ISO 100 to ISO 16000. Even in dim lighting, you can shoot beautiful photos with natural tonal gradations and low noise — without using a flash. Auto ISO provides outstanding results in most lighting situations and you can select settings manually to suit particular occasions. Excellent low-light performance is made possible by cutting-edge features like the same area-specific noise reduction as found on the α 99.

Auto Object Framing intelligently fills the frame with your subject

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Easily create studio quality portraits of still lifes, moving subjects and even macro close-ups using the iAuto internal exposure intelligence found in the SLT-A58. Simply photograph the subject and the Auto Portrait Framing feature will save an additional, optimally framed image in portrait or landscape orientation. Combining Face Detection and By Pixel Super Resolution technologies with Rule of Thirds, and Auto Object Framing provides enhanced images for beautifully composed and appealingly balanced full resolution portraits.

SteadyShot INSIDE™ image stabilization

Image stabilization reduces blur by compensating for camera shake. SteadyShot INSIDE™ image stabilization is built into the camera body itself. You'll reduce blur with every A-mount lens because it provides compensation equivalent to approximately 2 to 4.5 additional steps in shutter speed, allowing for more hand held opportunities in low light or longer focal lengths.

Advanced 15-point AF system with 3 Cross-sensors

To maximize the value of Translucent Mirror Technology, Sony incorporates Phase Detection AF of great sophistication. Three cross-type sensors to maximize focus precision.

Large 2.7" Tilt-able, 460K dot Clear Photo LCD screen

Tilt it up or down to frame high- and low-angle shots that would otherwise be hit-or-miss. Fold it flush to the camera with the LCD exposed for shooting or protected for travel.

Auto HDR built into camera

Captures more scene dynamic range than a single exposure can handle—and more range than photo film. Combines the best highlight detail from one shot, the best mid-tones from a second and the best shadow detail from a third for one incredible shot. Captures in a split second. (Recommended for still subjects.)

Picture Effects

Ordinary scenes become extraordinary photos and movies with Picture Effects. Choose from 11 modes and 15 effects that significantly increase visual impact by adjusting camera parameters and applying advanced processing techniques.

Multi-frame NR

Experience incredible low-light shooting without a flash. The camera captures six images in a fraction of a second. Combining the data from all six, it creates a single image with a reduction in noise equivalent to two additional steps of ISO sensitivity. Sensitivity selectable up to ISO 25600. (Recommended for still subjects.)

Hand-held Twilight

Get cleaner and sharper nighttime pictures—beyond the capability of traditional cameras—without using flash or a tripod. The camera captures six images in a fraction of a second. Combining the data with separate algorithms for still and moving parts of the picture reduces blur, minimizes noise and enables extraordinary detail.

Specifications

Camera	
Lens Compatibility	Sony A-mount, operation with Minolta/Konica Minolta Maxxum lenses ³
Lens Mount	Sony A-mount
Camera Type	Interchangeable Lens Digital SLT camera
Imaging Sensor	
Imaging Sensor	Exmor™ APS HD CMOS sensor (23.5 X 15.6mm)
Processor	BIONZ™ image processor
Anti Dust	Charge protection coating on Low-Pass Filter and electromagnetic vibration mechanism

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Pixel Gross	Approx. 20.4M pixels
Effective Picture Resolution	Approx. 20.1M pixels
Focal Length Conversion Factor	1.5x
Color Filter System	RGB primary color filters
Recording	
Media Type	Memory Stick PRO Duo™/Pro-HG Duo™ media; SD, SDHC and SDXC memory card
Color Space	sRGB standard (with sYCC gamut) and Adobe RGB standard compatible with TRILUMINOS™ Color
Still Image Mode	JPEG (Standard, Fine), RAW, RAW+JPEG
Still Image Max Effective Resolution	L (20 MP) 5456 x 3632
Still Image Size 16:9	L (17 MP) 5456 x 3064, M (8.4 MP) 3872 x 2176, S (4.2 MP) 2736 x 1536
Still Image Size 3:2	L (20 MP) 5456 x 3632, M (10 MP) 3872 x 2576, S (5 MP) 2736 x 1824
Panorama Still Image Size	Horizontal Wide: 12,416 x 1,856 (23M) Horizontal Std.: 8,192 x 1,856 (15M) Vertical Wide: 2,160 x 5,536 (12M) Vertical Std.: 2,160 x 3,872 (8.4M)
Video Format	AVCHD Ver.2.0/ MP4 (MPEG-4 AVC (H.264))
Video Mode	AVCHD: FX - 1920 x 1080/60i@24Mbps FH - 1920 x 1080/60i@17Mbps FX - 1920 x 1080/24p@24Mbps FH - 1920 x 1080/24p@17Mbps MP4: HD - 1440 x 1080/ 30p@12Mbps VGA - 640 x 480/ 30p@3Mbps
Video Signal	NTSC color, EIA standards
Audio Format	Dolby Digital (AC-3) 2ch / MPEG-4 AAC-LC, 2ch
Microphone/Speaker	Built-in Stereo Microphone
Still Image File Format	JPEG (DCF Ver. 2.0, Exif Ver.2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format), RAW & JPEG
Viewfinder	
Type	1/2" SVGA EVF (Electronic viewfinder) (1,440k dots)"
Diopter Adjustment	-4.0m to +4.0m-1
Field of View	100%
LCD Display	
LCD Type	2.7" TFT Clear Photo LCD (460,800 pixels)
Angle Adjustment	Tilt angle: Up approx. 135 degrees, downward approx. 55 degrees
Brightness Control	Auto, Manual (5 steps between -2 to +2)
Coverage	100%
Live View	Continuous Live View (LCD/EVF Auto, selectable)
Real-time image adjustment display	Yes(On/Off)
Histogram	Yes(On/Off)
Peaking	Yes (Level setting: High/Mid/Low/Off, Color: White/Red/Yellow)
Grid Display	Yes (Rule of thirds, Diagonal, 4x6 Square Grids, Off)
Customization	Grid, Histogram display, Grid Line, Magnified display for playback
Focus Control	
Focus System	TTL phase detection AF (CCD line sensors)
Focus Points	15 points (3 points cross type)
AF Modes	Single-shot AF(AF-S), Continuous AF(AF-C), Automatic AF(AF-A) selectable, Direct Manual Focus (DMF), Manual Focus
Focus Area	Wide (Auto, 15 points)/ Zone/Spot/Local selectable
Focus Sensitivity	EV -1 to 18 EV (at ISO100 equivalent, with F2.8 lens attached)

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Focus Features	Predictive control (AF-A, AF-C), Focus Lock, Eye-start AF
AF Illuminator	Built-in LED, Range: approx. 3' - 21' (1m-7m)
Exposure System	
Metering	Advanced 1200-zone evaluative metering
Metering Modes	Multi-segment, Center-weighted, Spot
Metering Sensitivity	-2EV to 17EV (at ISO 100 equivalent w/ f/1.4 lens)
Exposure Compensation	Still images: +/-3.0 EV(1/3EV steps selectable) Movies: +/-2.0 EV(1/3EV steps selectable)
Exposure Settings	iAUTO, Flash Off, Superior Auto, Scene Selection, Sweep Panorama, Picture Effect, Tele-zoom Continuous Advance Priority AE, Movie, Programmed AE (P), Aperture priority (A), Shutter-speed priority (S), Manual (M)
Scene Mode(s)	Portrait, Landscape, Macro, Sports Action, Sunset, Night Portrait, Night View, Handheld Twilight
Picture Effect(s)	11 types (15 variations): Posterization (Color, B/W), Pop Color, Retro Photo, Partial Color (R,G,B,Y), High Contrast Monochrome, Toy Camera, Soft High-key, Soft Focus, HDR Painting, Rich-tone Monochrome, Miniature
D-Range Optimizer	Yes: (Auto, Level, Off)
Auto Exposure Lock	Yes (AE Lock button)
Color Temperature	2500 – 9900K with 15-step each Magenta/Green compensation (G7 to M7), AWB micro adjustment
Creative Style	Standard, Vivid, Portrait, Landscape, Sunset, Black & White (Contrast (-3 to +3steps), Saturation(-3 to +3steps), Sharpness(-3 to +3steps))
Exposure Bracketing	Cont./Single, w/ 1/3 EV, 1/2 EV, 2/3 EV, 2.0EV, 3.0 EV incmnts, 3/5 frames (2.0EV, 3.0EV: only 3 frs) sel
ISO	Stills: ISO 100-16000 selectable in 1 EV steps, Auto (100-3200) Movies: ISO 100-3200 selectable in 1 EV steps, Auto (200-3200)
Noise Reduction	Long Exposure NR: (On/Off, available at shutter speeds longer than 1 second) High ISO NR: (High/Normal/Low)
White Balance Mode	Auto, Daylight, Shade, Cloudy, Incandescent, Fluorescent (Warm white, Cool white, Day white, Daylight) , Flash, Setting the color temperature, Color Filter, Custom
Drive System	
Burst Buffer	Tele-zoom Continuous Advance Priority AE: Fine: 16 frames, Standard: 19 frames Continuous shooting ^o : Fine: 7 frames, Standard: 8 frames, RAW & JPEG: 5 frames, RAW: 6 frames
Continuous Shooting Speed	Tele-zoom Continuous Advance Priority AE: Maximum 8 frames per second (5 MP) Hi: Maximum 5 frames per second, Lo: Maximum 2.5 frames per second
Drive Mode	Single Shooting, Continuous Shooting (Hi/Lo selectable), Self-timer (10/2 sec. delay selectable), Bracketing (Cont., Single, White Balance)
Self-timer	2-sec. or 10-sec. delay
Shutter Speeds	Still images: 1/4000 to 30 sec/Bulb, Movies: 1/4000 to 1/4 (1/3 step), up to 1/30 in AUTO mode
Shutter Type	Electronically-controlled, vertical-traverse, focal-plane shutter
Flash	
Flash Compensation	±2.0 EV (switchable between 1/3 and 1/2 EV steps)
Flash Coverage	Field of view coverage up to 16 mm (in the focal length)
Recycling Time	Approx. 4 sec.
Flash Bracketing	0.3/0.5/0.7/2.0/3.0EV steps, 3 frames(2.0/3.0EV : only 3 frames) selectable
Flash Metering System	ADI flash/ Pre-flash TTL
Flash Modes	Auto, Fill-flash, Slow Sync., Rear Sync., Hi-speed sync., Red-eye reduction (on/off selectable for Auto flash and fill-flash mode), Wireless, Off
Flash Type	Built-in, Pop-up Auto
Guide Number	10 (in meters at ISO100)
Convenience Features	

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Self Timer	Yes, 10/2 second delay selectable
Red-Eye Reduction	Yes, On/ Off selectable
Media/Battery Indicator	Yes
View & Index	Single (with or without shooting information), RGB histogram and highlight/shadow warning, 4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, S: 6.8x), Auto Review (10/5/2 sec, Off), Image orientation (On/Off), Slideshow, Panorama scrolling, Folder selection (still), Forward/Rewind (movie), Delete, Protect
Advanced Features	
Advanced User Interface	Easy-to-understand Graphic Display and on-screen Help Guide User-friendly function menu
Anti Motion Blur	6-image layering
Auto High Dynamic Range	Yes, (Auto Exposure Difference, Exposure difference Level (1-6 EV at 1.0 EV step), off)
Sweep Panorama	Horizontal (Wide/Standard), Vertical (Wide/Standard)
Face Detection	On, Off, Face Registration, Face Selection; maximum eight faces detected
Smile Shutter™ technology	Smile shutter (selectable from 3 steps)
Tracking Focus	Yes
Image Stabilization	For still images: SteadyShot INSIDE™ Image Sensor-Shift mechanism. For movies: Electronic
Priority Setting (for Face Detection)	Yes (eight faces max)
Interface	
Microphone Input	Yes (3.5mm Stereo minijack)
Remote Commander	Yes (via optional RM-VPR1)
Accessory Shoe	Yes (Multi Interface)
BRAVIA® Sync™	Yes, via HDMI® with compatible BRAVIA HDTV
DC IN	Yes via AC-PW10AM (sold separately)
HD Output	HDMI® mini connector (Type D)
Memory Card Slot	Dual compatibility slot: Memory Stick PRO Duo™/Pro-HG Duo™/PRO-HG HX Duo™ media - SD, SDHC and SDXC memory card
PhotoTV HD	Yes, with BRAVIA Sync enabled HDTV and HDMI® cable
Tripod Mount	Yes (1/4" diameter, 20 threads per inch)
USB Port(s)	Multi/Micro USB Terminal, Hi-speed USB (USB2.0): Mass-storage, MTP/ Multi (REMOTE)/ Micro USB Type B
Weights and Measurements	
Dimensions (Approx.)	Approx. 5-1/8 x 3-7/8 x 3-1/8 in (128.6 x 95.5 x 77.7mm) (W/H/D) excluding protrusions
Weight (Approx.)	With battery and Memory Stick PRO Duo Approx. 1 lb. 4.2 oz. (573 g)
Weight(Approx) (Main unit only)	Approx. 1 lb. 1.4 oz. (492g) (excluding lens, battery & media)
Power	
Battery Type	InfoLITHIUM® NP-FM500H (7.2V)
Battery Capacity	1600 mAh
Number of Still Images	Approx. 690 images with viewfinder, 700 images with LCD monitor (CIPA standard)
Power Consumption (in View Finder Operation)	Approx. 690 images with viewfinder (CIPA standard)
Software	
Operating System Compatibility	Operating System Compatibility: Windows® XP SP3 (64-bit and Starter Editions are not supported, Windows Image Mastering API(IMAPI) Ver.2.0 or later is required to use the function for creating discs.) Windows Vista® SP2 (Starter Edition is not supported) Windows® 7 SP1; Windows® 8; Mac OS X(v10.5 -v10.8) (Image Data Converter, PlayMemories Home is not Mac compatible)
Service and Warranty Information	



Limited Warranty Term	1 Year Parts & Labor
Accessories	
Supplied Accessories	Kit Lens (SAL18552) Battery Charger Rechargeable Battery (NP-FM500H) Eyepiece Cup Shoulder Strap Body Cap Micro USB Cable

1. Records in up to 29 minutes segments.

2. In meters, ISO 100

3. Minolta Maxxum or Dynax lenses manufactured after 1985

4. Records in 29 minute segments

5. Play back AVCHD™ media on Blu-ray Disc™ players, PlayStation®3 systems or PC with supplied software. AVCHD media should not be used in standard DVD players because it may fail to eject disc or erase its contents without warning.

6. Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use.