

SLT-A33L

Capture your perfect moments with the world's first Translucent Mirror Technology™ DSLR enabling simultaneous focusing and capture. Continuous shooting is 7 frames per second, complete with continuous auto focus. Auto focus is also visibly faster in Live View and HD Movie modes.

- **Translucent Mirror Technology™**
Other DSLRs can shoot. Or they can focus with the speed and precision of Phase Detection AF. They cannot do both at once. The SLT-A33 is the world's first DSLR with Translucent Mirror Technology™ that directs light to both the image sensor and the Phase Detection AF sensor simultaneously.
- **7 frames per second continuous**
The translucent mirror makes it far easier to capture the decisive soccer kick or your baby at her absolute cutest. The Sony® SLT-A33 camera shoots full, 14.2 MP resolution pictures at up to 7 fps while maintaining continuous auto focus and auto exposure.
- **Quick AF for Full HD Movie¹** Capture
When most DSLRs shoot video, their Contrast AF is slow and visibly "hunts" for focus. The Quick AF Full HD Movie¹ retains the same fast, precise Phase Detection you enjoy for still images. It's a decisive advantage for tracking fast-moving subjects and a major benefit of Translucent Mirror Technology™.
- **14.2 megapixel resolution**
You get incredible detail and gorgeous enlargements. Thanks to the 14.2 megapixel APS-C sensor size and Sony® Exmor™ APS HD CMOS technology, the camera achieves high resolution with no penalty in low-light sensitivity or sensor noise.
- **APS-C size HD CMOS image sensor**
With 19.5 times the area of the typical camcorder image sensor⁷, APS-C makes the difference between amateur and professional-looking video, delivering an exceptional combination of high resolution, high sensitivity and gorgeous, blurred backgrounds.
- **Sony® Exmor™ technology**
Conventional image sensors use only a handful of analog-to-digital (A/D) converters, which can slow you down. The Exmor™ sensor provides more than 4,000 column-parallel A/D converters. This helps enable continuous shooting at up to 7 frames per second.
- **Full HD 1080/60i movies¹**
This is one of the very few DSLRs with 1080/60i Full HD, exactly the same resolution and frame rate as most broadcast and cable HDTV channels. Records in 1080/60i AVCHD™ format, 1080/30p high definition in PC-friendly MP4 format and standard definition 480/30p in MP4 format.¹
- **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 Night Shot**
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.
- **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.)
- **3D Sweep Panorama™ Mode³**
Capture vast scenic vistas and 16:9 shots in spectacular 3D. As you sweep across the panorama, the camera records separate right-eye and left-eye images that make landscapes come alive on your 3D television³. Records both JPEG and MPO file formats.
- **Eye-level finder for HD Movie**
- **15-point Auto Focus**
- **Tilt/swivel 3" LCD screen²**
- **921K dot TruBlack™ LCD screen**
- **Main Sensor Quick AF Live View**
- **Live View in LCD or EVF**
- **Phase Detection Auto Focus**
- **ISO 12800 sensitivity**
- **AUTO+ (Advanced Auto) mode**
- **Sweep Panorama™ Mode**
- **Powerful creative control over movies**

ADDITIONAL FEATURES

- **Eye-Level Electronic Viewfinder**



SLT-A33L

Specifications

Optics/Lens

Lens Mount Type: Sony A-mount
Aperture: f/3.5 - 5.6
Aperture (Max.): f/3.5 - 5.6
Aperture (Min.): f/22 - 36
Focal Length (35mm equivalent): 27 mm - 82.5mm
Filter Diameter: 55mm
Lens Construction: Plastic
Lens Groups/Elements: 7 groups, 8 elements (2 aspheric surface)
Minimum Focus Distance: 9.84" (0.25m)
Angle of View: 76° - 29°
Aperture Blade: 7 blades (Circular aperture)
Aspheric Elements: 2 (3 surface)
Dimensions (Max. Diameter x Length): 2.3/4 x 2.3/4" (69.5x69mm)
Distance Encoder: Yes
Internal Motor: Yes (SAM motor)
Lens Weight: 7.4 oz (210g)
Maximum Magnification: 0.34x (APS-C)

Power

Battery Type: InfoLITHIUM® NP-FW50 (7.2V)
Number of Still Images: Approx. 270 images with viewfinder, 340 images with LCD monitor (CIPA standard)

Software

Supplied Software: PMB (Picture Motion Browser) 5.3.01 Image Data Converter SR 3.2 Image Data Lightbox SR 2.2
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;
Mac OS X (v10.4-10.6) (Image Data Converter & Image Data Lightbox only, PMB is not Mac compatible)

Flash

Flash Compensation: +/- 2EV in 0.3EV steps
Flash Coverage: 18mm (focal length printed on the lens body)
Flash Metering System: ADI, Pre-flash TTL
Guide Number: 10 (in meters at ISO100)
Recycling Time: Approx. 4 sec.
Flash Modes: Auto, Fill-flash, Slow Sync., Rear Sync., Hi-speed sync., Red-eye reduction (on/off selectable for Autoflash and fill-flash mode), Wireless
Flash Type: Built-in, Pop-up Auto
Flash Bracketing: 3 exposures in 0.3/0.7 EV steps

LCD Display

Angle Adjustment: 180 degrees from the camera back, leftward rotation in 270 degrees with LCD monitor facing forward
Brightness Control: Auto/Manual (5 steps between -2 and +2)/Sunny Weather
Coverage: 100%
Customization: Grid, Histogram display, Digital Level Gauge, Grid Line, Magnified display for playback
LCD Type: 3.0" TFT Xtra Fine™ LCD (921,600 pixels) w/TruBlack™ technology
Live View: Continuous Live View (LCD/EVF Auto, selectable)
Histogram: Yes (On/off)
Real-time image adjustment display: Reflects: exposure compensation, white balance, creative style
Grid Display: Yes (On/off)

Viewfinder

Diopter Adjustment: -4.0 to +4.0m-1
Field of View: 100%
Magnification: 1.10x (with 50mm lens at infinity, -1m-1)
Type: 0.46" Xtra Fine EVF (Electronic viewfinder) (1,440,000 pixels)

Imaging Sensor

Processor: BIONZ™ image processor
Anti-Dust: Charge protection coating on Low-Pass Filter and Image Sensor Shift mechanism
Color Filter System: RGB primary color filters
Imaging Sensor: Exmor™ APSHD CMOS sensor (23.4 X 15.6mm)
Pixel Gross: Approx. 14.6 megapixels
Effective Picture Resolution: Approx. 14.2 megapixels
Focal Length Conversion Factor: 1.5x

Drive System

Drive Mode: Single-shot, Continuous shooting (Hi/Lo selectable), Self-timer (10/2 sec delay selectable), Remote commander (RMT-DSLR1 Sold Separately)
Self-timer: 2-sec. or 10-sec. delay,
Shutter Speeds: 1/4000 to 30 seconds, bulb
Burst Buffer: JPEG Standard (20 shots)
JPEG Fine (16 shots)
RAW (7 shots)
RAW+JPEG (7 shots)
Continuous Shooting Speed: Continuous (up to 6fps)
Speed Priority (7fps)
Flash Sync Speed: 1/160 seconds
Shutter Type: Electronically-controlled, vertical-traverse, focal-plane shutter

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, (Off/On, Auto Exposure Difference, Exposure difference Level 1-6 EV at 1.0 EV step)
Sweep Panorama: Yes (2D/3D)
Face Detection: Off, Auto, Child Priority, Adult Priority (up to 8 faces detectable)
Smile Shutter™ technology: Yes - Off, Slight, Normal, Big
Image Stabilization: SteadyShot INSIDE in-body image stabilization

Exposure System

Creative Style: Standard, Vivid, Portrait, Landscape, Sunset, B/W (Contrast, Saturation, Sharpness adjustable in +/-3 steps)
Exposure Compensation: ±2.0 EV (in 0.3 EV steps)
Exposure Settings: Auto (AUTO), Auto Advanced (AUTO+), Program Auto (P), Aperture priority (A), Shutter-speed priority (S), Manual (M), Sweep Panorama (2D/3D), Continuous Advance Priority AE
ISO: Auto: 100 - 1600; Selectable: 100 - 12800; Multi Frame NR (up to ISO 25600)
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)
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, Custom
D-Range Optimizer: Yes: (Auto, Level 1-5, off)
Auto Exposure Lock: Yes (AE Lock button)
Color Temperature: 2500 - 9900 K with 19-step Magenta / Green compensation
Noise Reduction: Long exp. NR: (On/Off, available of shutter speeds longer than 1 sec.)
High ISO NR: (Auto/Weak)
Multi Frame NR: (Auto/ISO 100-25600)

Focus Control

AF Modes: Single-shot AF, Automatic AF, Continuous AF, Manual Focus
Focus Area: Wide, Spot, Local (15 local areas selectable)
Focus Features: Predictive Focus Control, Focus Lock
Focus Points: 15 points (3 points cross type)
Focus Sensitivity: -1 EV to +1.8 EV (at ISO 100 equivalent)
Focus System: TTL phase detection AF (CCD line sensors)
AF Illuminator: Built-in flash, Range: approx. 3' - 15' (1m-5m)

Interface

BRAVIA® Sync™ : Yes, via HDMI with compatible BRAVIA HDTV
HD Output: HDMI (TypeC mini)
Memory Card Slot: Dual memory card slot: Memory Stick PRO Duo™ / Pro-HG Duo™ media -SD, SDHC and SDXC memory card
USB Port(s): USB2.0 Hi-speed (mass-storage, PTP)
Microphone Input: Yes
Accessory Shoe: Yes (Alpha)
DVI Direct: Yes, via USB
PhotoTV HD: Yes, with BRAVIA Sync™ enabled HDTV and HDMI cable

Recording

Media Type: Memory Stick PRO Duo™ / Pro-HG Duo™ media; SD, SDHC and SDXC memory card
Still Image Mode: JPEG (Standard, Fine), RAW, RAW+JPEG
Still Image Size 16:9: L size: 4592 x 2576 (12M)
M size: 3344 x 1872 (6.3M)
S size: 2288 x 1280 (2.9M)
Still Image Size 3:2: L size: 4592 x 3056 (14M)
M size: 3344 x 2224 (7.4M)
S size: 2288 x 1520 (3.5M)
Color Space: sRGB, AdobeRGB
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)
3D Sweep Panorama:
Horizontal Wide: 7152 X 1080 (7.7M)
Horizontal Std.: 4912 X 1080 (5.3M)
16:9: 1920 X 1080 (2.1M)
Video Format: AVCHD / MP4 (MPEG-4 AVC (H.264))
Video Mode: AVCHD: 1920 x 1080 / 60i (59.94i) Interface recording, 29.97 progressive image sensor output Approx. 17Mbps (Average bitrate)
MP4 HD: 1440 x 1080 / 30p (29.97 Progressive) Approx. 12Mbps (Average bitrate)
MP4 VGA: 640 x 480 / 30p (29.97 Progressive) Approx. 3Mbps (Average bitrate)
Video Resolution: 1920x1080/60i (59.94i, 29.97p sensor output)
Video Signal: NTSC color, EIA standards
Audio Format: Stereo Dolby Digital (AC-3) / MPEG-4 AAC-LC
Microphone / Speaker: Built-in Stereo Microphone

Camera

Camera Type: Sony A-mount interchangeable lens digital camera
Lens Compatibility: Sony A-mount lens
Lens Mount: Sony A-mount

Dimensions

Weight: Approx. 15.27 oz (433g) (excl battery, lens & media)
Approx. 17.35 oz (492g) (w/ battery & media)
Measurements: Approx. 4.7/8 x 3.5/8 x 3.1/3" (124.4 x 92 x 84.7mm) (W/H/D) excl grip & lens mount

Service and Warranty Information

Limited Warranty Term: 1 Year Parts & Labor

Supplied Accessories

SAL-1855 SAM lens, lens cap

Battery Charger (BC-VW1)
Rechargeable Battery (NP-FW50)
Shoulder Strap
Body Cap
USB Cable
CD-ROM

UPC Code: 027242798755

- Movie recording is limited to segments of 29 minutes, maximum. When using movie mode Memory Stick PRO Duo with MARK2 logo, Memory Stick PRO-HG Duo, or Class 4 or higher for SD/SDHC media are recommended.
- Viewable area measured diagonally
- 3D viewing requires 3D HDTV, a high speed HDMI™ cable (supporting at least 10.2 Gbps) connection and 3D glasses (all sold separately).
- Works with other BRAVIA® Sync or Theatre Sync™ labeled HDTVs when connected via HDMI interface. Mini-HDMI-to-HDMI cable required, sold separately.
- When fully charged. Actual results may vary based on product settings, usage patterns and environmental conditions.
- PhotoTV HD viewing requires compatible BRAVIA® HDTV and HDMI™ or component cable (all sold separately).
- More than 19.5 times the area of 1/2.88-inch type sensor of the Sony HDR-CX550V.
- PMB requires Microsoft® Windows® XP SP3 / Windows Vista® SP2 / Windows 7. Mac OS® not supported. Movie format is compatible with iMovie® 09 or later versions.
- HD Viewing requires a mini-HDMI-to-HDMI cable and compatible HDTV, both sold separately.

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