

Sony ILCE6300

Sony Alpha a6300 Mirrorless Camera Instruction Manual

Model: ILCE6300

1. PRODUCT OVERVIEW

The Sony Alpha a6300 is an interchangeable lens digital camera featuring a 24.2 MP APS-C sensor, advanced autofocus, and 4K video recording capabilities. Its compact and durable magnesium alloy body is designed for various photographic and videographic applications.

Camera Body Views



Figure 1.1: Front view of the Sony Alpha a6300 with a lens attached.



Figure 1.2: Back view of the Sony Alpha a6300 showing the tilting LCD screen and control buttons.



Figure 1.3: Top view of the Sony Alpha a6300, highlighting the mode dial, power switch, and hotshoe.



Figure 1.4: Side view of the Sony Alpha a6300, showing the port covers for HDMI and USB.

2. SETUP

2.1 Battery and Memory Card Installation

The camera uses an NP-FW50 battery. Ensure the battery is charged before use. Insert the battery and a compatible SDXC memory card into their respective slots located at the bottom of the camera.

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Video 2.1: This video demonstrates the installation of the battery and memory card into the Sony Alpha a6300.

2.2 Attaching a Lens

Align the white index mark on the lens with the white index mark on the camera body. Rotate the lens clockwise until it clicks into place. To remove, press the lens release button and rotate counter-clockwise.

2.3 Attaching the Eyepiece Cup

Align the eyepiece cup with the grooves on the electronic viewfinder and slide it into place until it clicks securely.

2.4 Attaching the Shoulder Strap

Thread the ends of the shoulder strap through the strap lugs on the camera body and secure them as shown in the camera's quick start guide.

3. OPERATING THE CAMERA

3.1 Power On/Off

To power on the camera, slide the ON/OFF switch located on the top plate to the 'ON' position. To power off, slide it to 'OFF'.

3.2 Basic Controls and Shooting Modes

The mode dial on the top of the camera allows you to select various shooting modes, including:

- **AUTO:** Fully automatic mode for simple point-and-shoot operation.
- **P (Program Auto):** Camera sets aperture and shutter speed, but you can adjust other settings.
- **A (Aperture Priority):** You set the aperture, camera sets shutter speed.
- **S (Shutter Priority):** You set the shutter speed, camera sets aperture.
- **M (Manual Exposure):** You control both aperture and shutter speed.
- **SCN (Scene Selection):** Choose from various scene modes for specific situations (e.g., Portrait, Landscape).
- **Movie:** Dedicated mode for video recording.

3.3 Tilting LCD Screen

The 3-inch LCD screen can be tilted upwards and downwards to assist with shooting from high or low angles. This is useful for creative compositions and comfortable viewing.

3.4 Autofocus System

The Sony a6300 features a fast autofocus system with 425 phase-detection AF points. You can select various AF modes and areas to suit your subject and shooting conditions. For fast-moving subjects, continuous autofocus (AF-C) is recommended.

3.5 4K Video Recording

The camera supports high-resolution 4K UHD 2160p video recording with full pixel readout. Ensure your

memory card has sufficient speed and capacity for 4K video. Access video recording via the dedicated Movie mode on the mode dial.

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Video 3.1: An overview of the Sony Alpha a6300's features, including its 4K video capabilities.

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Video 3.2: A demonstration of the Sony Alpha a6300's video recording features.

4. MAINTENANCE

4.1 General Care

The camera body features dust and moisture seals to protect it from harsh conditions. However, it is recommended to avoid exposing the camera to excessive dust, moisture, or extreme temperatures. Clean the lens and sensor regularly with appropriate cleaning tools.

4.2 Battery Handling

Do not handle damaged or leaking lithium-ion batteries. Always use the provided AC adapter and micro USB cable for charging. Store batteries in a cool, dry place when not in use.

5. TROUBLESHOOTING

If you encounter any issues with your Sony Alpha a6300, please refer to the online 'Help Guide' or the full instruction manual available on the Sony support website. Common issues can often be resolved by checking battery charge, memory card status, or resetting camera settings.

6. SPECIFICATIONS

Feature	Specification
Brand	Sony
Model Number	ILCE6300/B
Photo Sensor Resolution	24.2 MP
Photo Sensor Size	APS-C
Compatible Mountings	E-mount
Video Resolution	4K UHD 2160p
Autofocus Points	425

Continuous Shooting	11 FPS
Screen Size	3 Inches
Image Stabilization	Digital
Connectivity Technology	HDMI, USB, BuiltIn; 802.11b/g/n with NFC

7. WARRANTY & SUPPORT

The Sony Alpha a6300 comes with a **1 year coverage for labor** and **1 year coverage for parts**. For further support, please visit the official Sony support website or contact customer service.