Sony DSCRX100M6

Sony RX100 VI Digital Camera User Manual

Model: DSCRX100M6

INTRODUCTION

This manual provides essential instructions for setting up, operating, maintaining, and troubleshooting your Sony RX100 VI 20.1 MP Premium Compact Digital Camera. The camera features a 1-inch sensor, a versatile 24-200mm ZEISS zoom lens, and a pop-up OLED electronic viewfinder, designed for high-quality photography and videography.

Key features include:

- 24-200mm F2.8-F4.5 ZEISS Vario-Sonnar T lens for wide-ranging optical zoom.
- World's fastest (0.03 sec) hybrid AF system, combining contrast and phase detection for rapid and accurate focusing.
- Optical image stabilization to reduce blur from camera shake.
- High-speed continuous shooting at up to 24 frames per second.
- Built-in Wi-Fi with NFC for easy sharing and remote control.
- Tilting LCD screen and pop-up OLED electronic viewfinder for flexible viewing options.

Image: Front view of the Sony RX100 VI camera with its ZEISS lens retracted, showcasing its compact design.

SETUP

1. Unpacking and Checking Contents

Verify that all items are present in the box:

- Camera body
- Rechargeable Battery Pack NP-BX1
- AC Adaptor
- Micro USB cable
- Wrist Strap
- Strap Adapter
- Instruction manual (this document)

2. Charging the Battery

1. Insert the battery pack (NP-BX1) into the camera.
2. Connect the camera to the AC Adaptor using the Micro USB cable.
3. Plug the AC Adaptor into a wall outlet. The charge lamp will light up.
4. Charging is complete when the charge lamp turns off.

Note: Ensure the battery is fully charged before first use. Battery life is approximately 330 shots or 165 minutes of recording.

3. Inserting a Memory Card

Open the memory card/battery cover on the bottom of the camera. Insert a compatible Micro SD card (up to 64 GB

supported) into the slot until it clicks into place. Close the cover securely.

4. Attaching the Wrist Strap

Thread the strap adapter through the strap eyelet on the camera, then attach the wrist strap to the adapter. This helps prevent accidental drops.

OPERATING INSTRUCTIONS

1. Powering On/Off

Press the **ON**/**OFF** button located on the top of the camera to power it on or off. The lens will extend upon power-on.

2. Using the Lens and Zoom

The camera features a 24-200mm (35mm equivalent) ZEISS Vario-Sonnar T lens. Use the zoom lever around the shutter button to adjust the focal length. Rotate the control ring around the lens for manual focus or other assigned functions.

Image: Front view of the Sony RX100 VI camera with its ZEISS lens extended, ready for shooting.

3. Viewfinder and Screen Options

The camera offers two viewing options:

- **Pop-up OLED Electronic Viewfinder (EVF):** Push the **FINDER** switch to deploy the EVF. This provides a clear, high-resolution view, especially useful in bright conditions.
- **Tilting LCD Screen:** The 3-inch LCD screen can be tilted upwards by 180 degrees for selfies or low-angle

shots, and downwards by 90 degrees for high-angle shots. It is also touch-sensitive for focus point selection and playback navigation.

Image: Rear view of the Sony RX100 VI with the LCD screen tilted upwards, ideal for self-portraits or vlogging.

Image: Rear view of the Sony RX100 VI with the LCD screen tilted downwards, useful for shooting from high angles.

4. Shooting Modes

Rotate the mode dial on the top of the camera to select your desired shooting mode:

- **AUTO (Intelligent Auto/Superior Auto):** Camera automatically optimizes settings.
- **Program Auto (P):** Camera sets aperture and shutter speed, you control other settings.
- **Aperture Priority (A):** You set aperture, camera sets shutter speed.
- **Shutter Speed Priority (S):** You set shutter speed, camera sets aperture.
- **Manual Exposure (M):** You control both aperture and shutter speed.
- **MR (Memory Recall):** Recall frequently used settings.
- **Movie Mode:** For recording videos.
- **HFR Mode:** High Frame Rate for slow-motion video.
- **Panorama:** Capture wide panoramic images.
- **Scene Selection:** Pre-set modes for specific scenes (e.g., Portrait, Landscape).

5. Focusing and Image Stabilization

The RX100 VI features a fast hybrid autofocus system with 315 phase-detection AF points. You can select focus points using the touch screen or the control dial. Optical image stabilization helps ensure sharp images and steady video, even when shooting handheld.

6. Video Recording

The camera supports 4K UHD 2160p video recording at up to 30 frames per second (MP4 format). Press the dedicated **MOVIE** button to start/stop recording. For optimal video quality, ensure sufficient lighting as the camera does not have a built-in Neutral Density (ND) filter.

7. Connecting to a Smartphone (Wi-Fi/NFC)

The camera includes built-in Wi-Fi and NFC for easy transfer of photos and videos to your smartphone or tablet. Download the Sony Imaging Edge Mobile application to your device. Use NFC for quick pairing by touching the camera to your NFC-enabled smartphone, or connect manually via Wi-Fi settings.

Image: The Sony RX100 VI mounted on a small tripod, with its tilting screen displaying a selfie, demonstrating connectivity with a smartphone.

MAINTENANCE

1. Cleaning the Camera

- **Camera Body:** Wipe with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water or a mild cleaning solution.
- **Lens:** Use a lens brush to remove dust, then gently wipe with a lens cleaning cloth and lens cleaning fluid. Avoid touching the lens surface directly.
- **Screen:** Use a soft, lint-free cloth. For smudges, a screen cleaner designed for electronics can be used sparingly.

2. Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- If not using the camera for an extended period, remove the battery.

3. Storage

Store the camera in a dry, well-ventilated area, away from direct sunlight, high temperatures, and humidity. Use a camera bag for protection during transport.

TROUBLESHOOTING

If you encounter issues with your Sony RX100 VI, try the following basic troubleshooting steps:

- **Camera does not power on:** Ensure the battery is fully charged and correctly inserted. Try using a different charged battery if available.
- **Cannot focus:** Check that the focus mode is set correctly (e.g., AF-S for single shot, AF-C for continuous). Ensure there is enough light and contrast in your subject. Clean the lens if it's dirty.
- **Images are blurry:** Verify that image stabilization is enabled. Use a faster shutter speed, especially in low light or when shooting moving subjects.
- **Memory card error:** Reinsert the memory card. Try formatting the card (this will erase all data). If the issue persists, try a different compatible memory card.
- **Wi-Fi connection issues:** Ensure Wi-Fi is enabled on both the camera and your smartphone. Restart both devices. Check the Sony Imaging Edge Mobile app for connection guidance.

For more detailed troubleshooting and advanced solutions, please refer to the comprehensive online manual available on the Sony support website.

SPECIFICATIONS

4 in.

2 3/8 in.

1 11/16 in.

Image sensor	Focal length	Weight
1.0-type Exmor RS CMOS sensor Approx. **20.1**MP (Effective)	**24-200**mm **F2.8-4.5** (35mm equivalent)	Approx. **10.7**oz. (with battery)

Image: Diagram showing the approximate dimensions of the Sony RX100 VI camera.

Feature	Detail
Model Name	DSCRX100M6/B
Photo Sensor Resolution	20.1 MP
Photo Sensor Size	1-inch
Lens Type	ZEISS Vario-Sonnar T, 24-200mm (35mm equivalent)
Optical Zoom	8x
Maximum Aperture	F2.8-F4.5
Image Stabilization	Optical
Viewfinder	Electronic (OLED)
Screen Size	3 Inches (Tilting, Touch-sensitive)

Feature	Detail
Video Resolution	4K UHD 2160p
Continuous Shooting	24 FPS
Connectivity Technology	HDMI, NFC, USB, Wi-Fi
Supported File Format	JPEG, Raw
Item Weight	301 Grams
Battery Life (approx.)	330 shots / 165 minutes

WARRANTY INFORMATION

This Sony RX100 VI camera is covered by a manufacturer's warranty. For specific terms, conditions, and duration of the warranty, please refer to the warranty card included with your product or visit the official Sony support website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or to download the full product manual, please visit the official Sony support website. You can also find additional resources and product information on the Sony Store on Amazon.