Sony DSCWX220

Sony DSCWX220 Digital Camera Instruction Manual

Model: DSCWX220

Introduction and Overview

The Sony DSCWX220 is an 18.2 MP digital camera designed for capturing high-quality images and Full HD video. It features a compact design, a powerful 10x optical zoom G Lens, and advanced imaging technologies for various shooting conditions.



Figure 1: Front view of the Sony DSCWX220 Digital Camera with its lens retracted.

Key Features:

- 10x Optical / 20x Clear Image Zoom G Lens for versatile shooting.
- 18.2 MP Exmor R CMOS Sensor for excellent low-light performance.
- BIONZ X engine for detailed images and effective noise reduction.
- Smooth Full HD video recording in 1080/60p.
- Simple connectivity to smartphones via Wi-Fi with NFC.
- Capture fast-moving subjects with up to 10fps continuous shooting.

Setup

What's in the Box:

- Sony Cyber-shot DSC-WX220 Digital Camera (Black)
- NP-BN1 Rechargeable Lithium-ion Battery Pack (3.6V, 600mAh)
- AC Adaptor AC-UB10C / UB10D
- Micro USB Cable
- Wrist Strap
- Instruction Manual
- AC Power Cord
- Warranty

Initial Setup:

1. **Charge the Battery:** Insert the NP-BN1 battery into the camera and connect the camera to the AC Adaptor using the Micro USB cable. Plug the AC Adaptor into a power outlet. The charging indicator will light up.
2. **Insert Memory Card:** Open the battery/memory card cover on the bottom of the camera. Insert a compatible SD/SDHC/SDXC or Memory Stick Pro Duo/Pro-HG Duo card until it clicks into place.
3. **Attach Wrist Strap:** Securely attach the provided wrist strap to prevent accidental drops.



Figure 2: Bottom view of the camera, illustrating the battery and memory card compartment.

Operating the Camera

Power 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 powering on.



Figure 3: Top view of the camera, highlighting the ON/OFF button and shutter release.

Taking Photos:

1. **Select Shooting Mode:** Use the mode dial on the back of the camera to select your desired shooting mode (e.g., Intelligent Auto, Program Auto, Scene Selection).
2. **Frame Your Shot:** Use the 2.7-inch LCD screen to compose your image.
3. **Zoom:** Use the zoom lever around the shutter button to adjust the 10x optical zoom.
4. **Focus:** Press the shutter button halfway down to focus. The camera uses contrast-detect autofocus.
5. **Capture:** Press the shutter button fully to take the picture.



Figure 4: Front view of the camera with the 10x optical zoom lens extended.

Recording Videos:

To record Full HD 1080/60p video, press the dedicated**MOVIE** button on the back of the camera. Press it again to stop recording.



Figure 5: Rear view of the camera, showing the LCD screen and control layout.

Connectivity:

- **Wi-Fi/NFC:** The camera supports Wi-Fi (802.11 b/g/n) and NFC for easy transfer of photos and videos to compatible smartphones and devices. Refer to the camera's menu for pairing instructions.
- **USB:** Connect the camera to a computer using the Micro USB cable for data transfer.
- **HDMI:** Use the Micro HDMI port to connect the camera to an HDTV for viewing photos and videos.



Figure 6: Side view of the camera, displaying the USB and HDMI ports.

Special Features:

- **Optical SteadyShot:** Built-in optical image stabilization helps reduce blur caused by camera shake.
- **Smile/Face Detection:** The camera can detect faces and smiles, automatically adjusting settings or even triggering the shutter when a smile is detected.
- **Sweep Panorama:** Capture wide panoramic scenes by sweeping the camera across the landscape.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens, use a lens brush or a specialized lens cleaning cloth and solution. Avoid harsh chemicals.
- **Battery Care:** To prolong battery life, avoid exposing the battery to extreme temperatures. Charge the battery fully before extended use.
- **Storage:** When not in use for long periods, remove the battery and store the camera in a cool, dry place.

Troubleshooting

- **Camera does not power on:** Ensure the battery is fully charged and correctly inserted.
- **Images are blurry:** Check if Optical SteadyShot is enabled. Ensure sufficient lighting and hold the camera steady.

- **Cannot transfer photos:** Verify Wi-Fi/NFC connection or USB cable connection. Ensure the correct software/app is installed on your receiving device.
- **Short battery life:** Reduce screen brightness, limit Wi-Fi/NFC usage, and avoid excessive flash use.

Specifications

Feature	Specification
Photo Sensor Resolution	18.2 MP
Optical Zoom	10x
Maximum Focal Length	250 Millimeters
Minimum Focal Length	25 Millimeters
Image Stabilization	Optical
Video Resolution	FHD 1080p
Screen Size	2.7 Inches
Connectivity Technology	HDMI, NFC, USB
Wireless Technology	Wi-Fi
Battery Life (Still Images CIPA)	Up to 210 shots / 105 minutes
Operating Temperature	32-104°F / 0-40°C
Item Weight	4.32 ounces

Warranty and Support

This product comes with a90-day Limited Hardware Warranty. For further support, please visit theOfficial Sony Store.