

Nikon L20

Nikon Coolpix L20 Digital Camera User Manual

Model: L20

INTRODUCTION

This manual provides essential instructions for setting up, operating, maintaining, and troubleshooting your Nikon Coolpix L20 digital camera. The Coolpix L20 is a 10-megapixel camera equipped with a 3.6x optical Zoom-Nikkor glass lens and a 3.0-inch high-resolution LCD screen, designed for straightforward photography.

Key features include:

- 10.0-megapixel resolution for detailed images.
- 3.6x optical Zoom-Nikkor glass lens for versatile framing.
- 3.0-inch high-resolution LCD screen for clear viewing.
- Easy Auto Mode with Scene Auto Selector for simplified shooting.
- Nikon's Smart Portrait System, including In-Camera Red-Eye Fix and Face-Priority AF.
- Motion Detection to minimize blur from camera shake or subject movement.



Angled front view of the Nikon Coolpix L20 digital camera.

SETUP

1. Unpacking

Upon opening the package, ensure all components are present. The standard package typically includes the Nikon Coolpix L20 camera, a storage bag, and documentation (manuals, paperwork).

2. Battery Installation

1. Locate the battery compartment cover on the bottom of the camera.
2. Slide the cover latch and open the compartment.
3. Insert two AA alkaline batteries, ensuring the positive (+) and negative (-) terminals align correctly with the indicators inside the compartment.
4. Close the battery compartment cover securely until it latches.

3. Memory Card Installation

The Nikon Coolpix L20 uses SD or SDHC memory cards (not included).

1. Locate the memory card slot, usually adjacent to the battery compartment.
2. Open the memory card slot cover.
3. Insert the SD/SDHC card with the label facing the front of the camera until it clicks into place.
4. Close the memory card slot cover securely.

4. Initial Power On

After installing batteries and a memory card, press the **ON/OFF** button to power on the camera. The LCD screen will display the initial setup options, such as date and time settings. Follow the on-screen prompts to complete the initial setup.



Top view of the camera, highlighting the power and shutter controls.

OPERATING THE CAMERA

1. Powering On and Off

Press the **ON/OFF** button located on the top of the camera to turn it on or off.

2. Basic Photography (Still Images)

1. **Select a Mode:** The camera defaults to Easy Auto Mode, which automatically selects optimal settings. You can also choose specific scene modes via the **SCENE** button or menu.
2. **Frame Your Shot:** Use the 3.0-inch LCD monitor to compose your image.
3. **Zoom:** Use the zoom lever (W/T) around the shutter button to adjust the optical zoom. **W** for wide-angle, **T** for telephoto.
4. **Focus:** Press the shutter button halfway down to activate autofocus. The focus frame will turn green when focus is achieved.
5. **Capture:** Press the shutter button fully down to take the picture.



Rear view of the camera, showing the LCD screen and control buttons.

3. Shooting Modes

The Coolpix L20 offers various scene modes to optimize settings for different situations:

- Backlighting
- Beach/Snow
- Close Up
- Copy
- Dusk/Dawn
- Fireworks Show
- Food
- Landscape
- Museum
- Night Landscape
- Panorama
- Party
- Portrait
- Sports
- Sunset

4. Flash Settings

Adjust the built-in flash mode using the flash button on the control pad:

- **Auto:** Flash fires automatically when needed.
- **On:** Flash fires with every shot.
- **Off:** Flash is disabled.
- **Red-Eye Reduction:** Reduces red-eye effect in portraits.

5. Reviewing Images and Videos

Press the playback button (usually indicated by a play icon) to view your captured photos and videos on the LCD screen. Use the directional pad to navigate through images.

6. Video Recording

The camera can record videos at 480p resolution in MJPEG format.

1. Switch to video mode (if available via a dedicated button or menu option).
2. Press the shutter button to start recording.
3. Press the shutter button again to stop recording.

MAINTENANCE

1. Cleaning the Camera

- **Lens:** Use a soft, lint-free cloth specifically designed for camera lenses. Gently wipe the lens surface. Avoid touching the lens with your fingers.
- **LCD Screen:** Wipe the screen with a soft, dry cloth. For stubborn smudges, use a screen cleaner designed for electronics.
- **Camera Body:** Use a soft, dry cloth to wipe dust and dirt from the camera body.

2. Storage

When not in use for extended periods, store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Remove the batteries to prevent leakage.

3. Battery Care

Always use fresh, high-quality AA alkaline batteries. If using rechargeable AA batteries, ensure they are fully charged before use. Remove batteries if the camera will not be used for a long time to prevent corrosion.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Camera does not turn on.	• Batteries are depleted or incorrectly inserted. Replace with fresh batteries or reinsert correctly. • Battery compartment cover is not securely closed.
Images are blurry.	• Camera shake: Hold the camera steady or use a tripod. • Subject movement: Use a faster shutter speed (if available) or ensure adequate lighting. • Lens is dirty: Clean the lens gently.

Problem	Possible Cause / Solution
Flash takes a long time to charge.	• This is normal for some flash units, especially with lower battery levels. Wait for the flash to fully charge. • Batteries may be low. Replace with fresh batteries.
Video recording fails or stops unexpectedly.	• Memory card is full. Delete unnecessary files or use a new card. • Memory card is too slow. Use a faster SD/SDHC card (Class 4 or higher recommended for video). • Batteries are low. Replace with fresh batteries.
LCD screen is blank or frozen.	• Power cycle the camera (turn off, remove batteries, wait a few seconds, reinsert, turn on). • Ensure the camera is not in a specific mode that turns off the screen (e.g., power-saving).

SPECIFICATIONS

Feature	Detail
Model Name	Nikon Coolpix L20
Effective Still Resolution	10 Megapixels
Optical Zoom	3.6x
Digital Zoom	4x
Lens Type	Zoom-Nikkor glass lens
Screen Size	3.0 Inches
Sensor Type	CCD (1/2.3-inch)
Expanded ISO Range	64 - 1600
Image Stabilization	Electronic
Storage Media	SD/SDHC card, Internal (20 MB)
Battery Type	AA Alkaline (x2)
Video Resolution	480p
Connectivity	USB
Item Weight	0.3 Pounds (approx. 136g)

WARRANTY AND SUPPORT

Warranty Information

For detailed warranty information, please refer to the warranty card included with your product or visit the official Nikon website. Warranty terms and conditions may vary by region.

Customer Support

If you encounter issues not covered in this manual or require further assistance, please contact Nikon customer support. You can find contact information and additional resources on the official Nikon website: www.nikonusa.com.