

## Digital Nc 0.22XFZ35KTLCK

# 0.21x-0.22x High Grade Fish-Eye Lens Instruction Manual

Brand: Digital Nc | Model: 0.22XFZ35KTLCK

## 1. INTRODUCTION

This manual provides comprehensive instructions for the proper use, installation, and maintenance of your Digital Nc 0.21x-0.22x High Grade Fish-Eye Lens. This lens is specifically designed to be compatible with the Panasonic Lumix DMC-FZ35K camera, enhancing its capabilities with ultra-wide-angle perspectives.

The fish-eye lens allows photographers to capture a unique, distorted, hemispherical view of the world, ideal for creative photography, landscapes, and architectural shots where a broad field of view is desired.

## 2. PACKAGE CONTENTS

Please verify that all the following items are included in your package:

- 0.21x-0.22x High Grade Fish-Eye Lens
- Lens Cap
- Lens Bottom Cover
- Lens Adapter (for Panasonic Lumix DMC-FZ35K)
- Nwv Direct Micro Fiber Cleaning Cloth

## 3. KEY FEATURES

The Digital Nc Fish-Eye Lens offers the following features:

- **0.21x-0.22x High Definition Digital Lens:** Provides an extreme wide-angle view, significantly expanding the camera's field of vision.
  - **Steel Barrel Construction:** Ensures durability and a robust build for long-lasting performance.
  - **Get Wider Views:** Captures a broader perspective than standard lenses, ideal for landscapes, interiors, and creative effects.
  - **MultiCoated Optical Glass:** Reduces glare and reflections, enhancing image clarity and color fidelity.
  - **Infrared Compatible:** Suitable for use with infrared photography setups.
- 

## 4. SETUP AND INSTALLATION

Follow these steps to properly attach the fish-eye lens to your Panasonic Lumix DMC-FZ35K camera:

1. **Prepare Your Camera:** Ensure your Panasonic Lumix DMC-FZ35K camera is turned off. Remove any existing lens caps or filters from the camera's lens barrel.
2. **Attach the Lens Adapter:** The fish-eye lens requires the included lens adapter for compatibility with your camera. Carefully screw the lens adapter onto the front of your camera's existing lens barrel until it is securely fastened. Do not overtighten.
3. **Attach the Fish-Eye Lens:** Remove the lens cap and bottom cover from the fish-eye lens. Align the threads of the fish-eye lens with the threads on the attached lens adapter. Gently screw the fish-eye lens onto the adapter in a clockwise direction until it is firmly in place.
4. **Verify Connection:** Once attached, gently check that the lens is secure and does not wobble.



Figure 4.1: The Digital Nc 0.21x-0.22x High Grade Fish-Eye Lens. This image shows the lens from a slightly angled perspective, highlighting its robust construction and the large front optical element.



Figure 4.2: Side view of the Digital Nc Super Wide Fisheye Lens. The image displays the textured grip for easy handling and the "Super Wide Fisheye Lens" inscription on the barrel.

## 5. OPERATING INSTRUCTIONS

Once the fish-eye lens is securely attached, your Panasonic Lumix DMC-FZ35K camera is ready to capture unique wide-angle images. Here are some tips for optimal use:

- **Composition:** Due to the extreme wide-angle and barrel distortion characteristic of a fish-eye lens, experiment with different compositions. Placing subjects close to the lens can exaggerate their size, while distant objects will appear very small.
- **Horizon Line:** Be mindful of the horizon line. If it passes through the center of the frame, it will appear relatively straight. If it is off-center, it will curve significantly, creating a dramatic effect.
- **Focus:** Most fish-eye lenses have a very deep depth of field. For the Panasonic Lumix DMC-FZ35K, utilize its autofocus system as usual. The wide angle will naturally keep a large portion of your scene in focus.
- **Creative Effects:** Use the unique distortion to your advantage for artistic shots, such as capturing entire rooms, vast landscapes, or dynamic action scenes.



Figure 5.1: Example of a photograph captured with a fisheye lens. This image demonstrates the characteristic wide-angle and barrel distortion, showing a wooden walkway curving towards distant city buildings under a night sky.

## 6. MAINTENANCE AND CARE

Proper care will extend the life and maintain the performance of your fish-eye lens:

- **Cleaning the Lens:** Use the included Nwv Direct Micro Fiber Cleaning Cloth to gently wipe away dust and smudges from the lens elements. For stubborn marks, use a specialized lens cleaning solution applied to the cloth, not directly to the lens.
- **Storage:** When not in use, always attach the lens cap and bottom cover to protect the optical elements. Store the lens in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Avoid Impact:** Protect the lens from drops and impacts, which can damage the optical elements or the barrel construction.
- **Environmental Protection:** Avoid exposing the lens to excessive moisture, sand, or dust. If used in such conditions, clean thoroughly afterward.

## 7. TROUBLESHOOTING

If you encounter issues with your fish-eye lens, consider the following common solutions:

Problem	Possible Cause	Solution
Images appear blurry or out of focus.	Lens not securely attached; dirty lens elements; camera autofocus issues.	Ensure the lens and adapter are securely screwed onto the camera. Clean the lens elements with the provided cloth. Check camera's autofocus settings.
Dark corners (vignetting) appear in photos.	Improperly attached lens adapter; lens not fully compatible (unlikely for specified model).	Re-attach the lens adapter and fish-eye lens, ensuring they are flush and secure.
Lens feels loose after attachment.	Not tightened sufficiently.	Gently tighten the lens and adapter until secure. Do not overtighten.

If problems persist, please refer to the support section.

## 8. SPECIFICATIONS

Detailed specifications for the Digital Nc 0.21x-0.22x High Grade Fish-Eye Lens:

- **Magnification:** 0.21x-0.22x (High Definition Digital Lens)
- **Construction:** Steel Barrel
- **Optical Elements:** MultiCoated Optical Glass
- **Compatibility:** Panasonic Lumix DMC-FZ35K (with included adapter)
- **Infrared Compatibility:** Yes
- **Item Weight:** 15.8 ounces
- **Model Number:** 0.22XFZ35KTLCK
- **ASIN:** B0032ZZ9RO
- **Manufacturer:** Digital Nc
- **Date First Available:** January 6, 2010

## 9. WARRANTY AND SUPPORT

For technical assistance, warranty information, or any questions regarding your Digital Nc 0.21x-0.22x High Grade Fish-Eye Lens, please contact Digital Nc customer support. Refer to the product packaging or the retailer's website for the most current contact information.

Please retain your proof of purchase for any warranty claims.

