

## Nikon 25103

# Nikon TC-E3ED 3X Teleconverter Lens Instruction Manual

Model: 25103

## 1. INTRODUCTION

This instruction manual provides essential information for the proper use and care of your Nikon TC-E3ED 3X Teleconverter Lens. This teleconverter is designed to extend the focal length of select Nikon Coolpix digital cameras, allowing for enhanced telephoto capabilities. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



Image 1.1: The Nikon TC-E3ED 3X Teleconverter Lens. This image shows the teleconverter lens with its branding and model number clearly visible on the barrel.

## 2. SETUP AND INSTALLATION

The Nikon TC-E3ED teleconverter lens triples the focal length of your compatible Nikon Coolpix digital camera. Proper attachment requires a specific adapter ring, which varies by camera model.

### 2.1 Compatible Cameras and Required Adapters

- **Nikon Coolpix 880:** Requires adapter UR-E2
- **Nikon Coolpix 885 & 4300:** Requires adapter UR-E4
- **Nikon Coolpix 5000:** Requires adapter UR-E6
- **Other Compatible Coolpix Models:** 900, 900S, 950, 990, 995, 4500, 8400 (Please consult your camera's manual for specific adapter requirements if not listed above.)

### 2.2 Attachment Procedure

1. Ensure your camera is powered off.
2. Attach the appropriate adapter ring (e.g., UR-E2, UR-E4, UR-E6) to your Nikon Coolpix camera's lens barrel. Follow the adapter's instructions for secure attachment.
3. Carefully screw the Nikon TC-E3ED teleconverter lens onto the adapter ring until it is firmly seated. Do not overtighten.

4. Power on your camera.



Image 2.1: Side view of the Nikon TC-E3ED Teleconverter Lens. This image provides a profile view of the lens, highlighting its length and barrel design.

### 3. OPERATING INSTRUCTIONS

Once the TC-E3ED teleconverter is attached, your camera's focal length will be extended by 3 times. Observe the following guidelines for optimal use:

#### 3.1 General Usage Tips

- **Camera Settings:** Set your camera to 'M' (Manual) mode for best results when using the teleconverter.
- **Stability:** Due to the increased focal length and weight, using a tripod is highly recommended to prevent camera shake and achieve sharp images, especially in lower light conditions.
- **Lighting:** Ensure adequate lighting for your subject. The teleconverter can amplify blur in low-light situations if not properly stabilized.
- **Viewfinder Limitations:** The camera's optical viewfinder may not be usable with the teleconverter attached. Compose your shots using the camera's LCD screen.

#### 3.2 Zoom Considerations

- **Vignetting:** At the widest zoom settings of your camera's internal lens, vignetting (darkening at the edges of the image) may occur. To avoid this, zoom your camera's internal lens to approximately 60-90% of its range to fill the screen.
- **Digital Zoom:** Avoid using the camera's digital zoom function with the teleconverter, as it can lead to a significant reduction in image quality and may interfere with autofocus.



Image 3.1: Rear view of the Nikon TC-E3ED Teleconverter Lens. This image displays the rear element and mounting threads, which connect to the camera's adapter ring.

## 4. CARE AND MAINTENANCE

Proper care will ensure the longevity and performance of your TC-E3ED teleconverter lens.

- **Cleaning:** Use a soft, lint-free cloth or a lens brush to remove dust from the lens surfaces. For smudges or fingerprints, use a specialized lens cleaning solution and a microfiber cloth. Avoid harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the lens in a clean, dry place, preferably in a lens pouch or case to protect it from dust, moisture, and physical damage. Keep lens caps on both ends.
- **Handling:** Avoid dropping or subjecting the lens to strong impacts. Do not touch the glass elements directly with your fingers.

## 5. TROUBLESHOOTING

If you encounter issues while using the TC-E3ED teleconverter, consider the following:

- **Blurred Images:** Ensure the camera is stable, especially when shooting at longer focal lengths. Use a tripod or increase shutter speed. Check that the lens and adapter are securely attached.
- **Vignetting (Dark Corners):** Adjust your camera's internal zoom to a higher setting (e.g., 60-90%) to eliminate dark corners in the frame.
- **Focusing Issues:** Ensure your camera is set to 'M' mode. Avoid using digital zoom. If manually focusing for macro shots, use the camera's focus confirmation feature rather than relying solely on distance units.
- **Flash Blockage:** The teleconverter's size may block the camera's built-in flash. Consider using an external flash unit if additional illumination is required.

## 6. SPECIFICATIONS

Feature	Detail
Model Name	TC-E3ED
Item Model Number	25103
Brand	Nikon
Lens Type	Telephoto Converter
Magnification	3X
Compatible Mountings	Nikon F (via adapter)
Rear Mount Diameter	28mm
Front Mount Diameter	72mm
Minimum Focal Length	75 Millimeters (when attached)
Product Dimensions	3.1 x 3.1 x 3.1 inches
Item Weight	9.2 ounces



Image 6.1: Front view of the Nikon TC-E3ED Teleconverter Lens. This image shows the front element and the 72mm filter thread.

## 7. WARRANTY AND SUPPORT

For information regarding warranty coverage, service, or technical support for your Nikon TC-E3ED teleconverter lens, please refer to the warranty card included with your purchase or visit the official Nikon

website. Keep your proof of purchase for warranty claims.

**Nikon Official Website:** [www.nikonusa.com](http://www.nikonusa.com)

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