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› [VILTROX](#) /

› [VILTROX 72mm UV Protection Filter User Manual](#)

## VILTROX 72mm UV Protection Filter

# VILTROX 72mm UV Protection Filter User Manual

Model: 72mm UV Protection Filter

## PRODUCT OVERVIEW

The Viltrox Ultra-Thin MC UV Protection Filter (72mm) is a high-performance lens accessory designed to enhance your photography experience while protecting your valuable lens. Engineered with precision and advanced technology, this filter is ideal for professional and nature photographers who demand accuracy and reliability in their gear.

This UV filter is specifically designed to eliminate unwanted UV light, reducing haze and improving image clarity. Whether you're capturing landscapes, portraits, or outdoor scenes, the Viltrox MC UV filter helps produce properly exposed, more colorful photographs with consistent results. Its lightweight and ultra-thin design make it easy to carry and use without adding bulk to your camera setup.



Figure 1: VILTROX 72mm UV Protection Filter, front view.

## KEY FEATURES

- **99.5% Light Transmission:** The 18-layer high-transmission coating ensures up to 99.5% light transmission, delivering vibrant, true-to-life colors and reducing light distortion caused by UV rays.
- **0.3% Surface Reflectivity:** Minimize glare and reflections for crystal-clear images, even in challenging lighting conditions.
- **Advanced Coatings:** Features a superhydrophobic oil-repellent layer, anti-smudge coating, and scratch-resistant surface to keep your lens clean and protected in any environment.
- **Built for Durability:** The filter's robust construction and protective coatings make it resistant to scratches, smudges, and environmental elements, ensuring your lens stays safe during outdoor shoots.
- **Premium Build Quality:** Constructed with a durable aluminum alloy frame and B270 professional-grade optical glass for long-lasting performance.

## WHAT'S IN THE Box

- 72mm UV filter



Figure 2: Packaging and contents, including the 72mm UV filter and user manual.

## SETUP

### Attaching the UV Filter to Your Lens

- 1. Identify Lens Thread Size:** Locate the filter thread size on your camera lens. This is usually indicated by a diameter symbol ( $\varnothing$ ) followed by a number (e.g.,  $\varnothing 72\text{mm}$ ). Ensure it matches the 72mm size of this filter.
- 2. Remove Lens Cap:** Carefully remove the front lens cap from your camera lens.
- 3. Align the Filter:** Hold the VILTROX UV filter with the threaded side facing the lens. Align the filter threads with the threads on the front of your lens.
- 4. Gently Screw On:** Slowly rotate the filter clockwise until it catches the lens threads. Continue to turn gently until the filter is securely fastened. Avoid overtightening, as this can make it difficult to remove later.
- 5. Check for Secure Fit:** Ensure the filter is flush with the lens barrel and does not wobble.



Figure 3: Demonstrating the attachment of the UV filter to a camera lens.

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Video 1: Unboxing and installation guide for the VILTROX UV Protection Filter.

## OPERATING THE UV FILTER

The VILTROX UV Protection Filter is designed for continuous use on your lens. Once attached, it provides constant protection and optical benefits without requiring further adjustment during operation.

## Benefits of Use

- **Lens Protection:** Acts as a physical barrier against dust, dirt, scratches, and accidental impacts, safeguarding the delicate front element of your lens.
- **UV Light Reduction:** Filters out harmful ultraviolet light, which can cause haze and a bluish cast in outdoor photographs, especially at high altitudes or near large bodies of water.
- **Improved Image Clarity:** By reducing UV haze, the filter helps to improve contrast and color saturation, resulting in sharper and more vibrant images.



Figure 4: The filter's hydrophobic coating repels water, making it easier to clean and protecting the lens.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your VILTROX UV Protection Filter.

## Cleaning the Filter

- Remove Loose Dust:** Use a lens blower or a soft, clean brush to gently remove any loose dust or debris from the filter surface.
- Wipe with Microfiber Cloth:** For smudges or fingerprints, lightly breathe on the filter surface to create a slight mist, then gently wipe with a clean, lint-free microfiber lens cloth in a circular motion.
- Use Lens Cleaning Solution (Optional):** For stubborn marks, apply a small amount of specialized lens cleaning solution to a microfiber cloth (never directly to the filter) and then wipe the filter.
- Avoid Harsh Chemicals:** Do not use abrasive cleaners, solvents, or household cleaning products, as these can damage the filter's coatings.

## Storage

When not in use, store the UV filter in its original protective case or a dedicated filter pouch to prevent scratches and dust accumulation.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Filter difficult to screw on/off	Misalignment of threads; overtightening.	Ensure threads are perfectly aligned before turning. Do not overtighten. If stuck, use a rubber grip or filter wrench for gentle removal.
Image quality appears degraded (e.g., reflections, flares)	Smudges or dust on filter; strong light source directly hitting filter.	Clean the filter thoroughly as per maintenance instructions. Use a lens hood to minimize direct light hitting the filter.
Bluish cast in photos persists	Extreme UV conditions; white balance settings.	While the filter reduces UV, extreme conditions might still show a slight cast. Adjust camera's white balance settings (e.g., to "Cloudy" or a custom setting) or correct in post-processing.

## SPECIFICATIONS

Feature	Detail
Filter Type	UV Protection Filter
Diameter	72mm
Light Transmission	99.5%
Surface Reflectivity	0.3%
Coatings	18-layer Multi-Coated (MC), Superhydrophobic, Oil-Repellent, Anti-Smudge, Scratch-Resistant
Frame Material	Durable Aluminum Alloy
Glass Material	B270 Professional-Grade Optical Glass
Product Dimensions	2.83 x 2.83 x 0.04 inches

Feature	Detail
Item Weight	2.89 ounces
Manufacturer	Shenzhen Jueying Technology Co., Ltd.

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official VILTROX website or contact the retailer where you purchased the product. Keep your proof of purchase for any warranty claims.

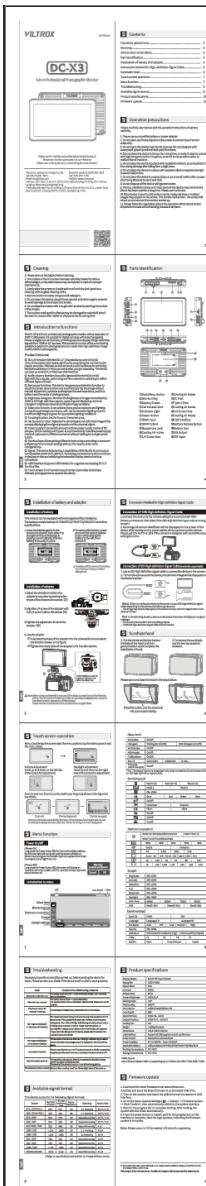
**Manufacturer:** Shenzhen Jueying Technology Co., Ltd.

**VILTROX Official Store:** [Visit Store](#)

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## Related Documents - 72mm UV Protection Filter

	<p><a href="#">Viltrox AF 23mm f/1.4 XF and Z Mount Camera Lens Specifications</a></p> <p>Comprehensive technical specifications, features, and performance data for the Viltrox AF 23mm f/1.4 camera lenses designed for Fujifilm X and Nikon Z mounts, including MTF charts and optical design details.</p>
	<p><a href="#">VILTROX AF 135/1.8 LAB Z Lens: Features, Specifications, and Manual</a></p> <p>Comprehensive guide to the VILTROX AF 135/1.8 LAB Z Z-mount camera lens, covering features, identification of parts, functions, handling, safety, and technical specifications.</p>



### [Viltrox DC-X3 Camera Accessory User Manual](#)

Official user manual for the Viltrox DC-X3 camera accessory, providing comprehensive instructions, specifications, features, and troubleshooting guidance for optimal use.



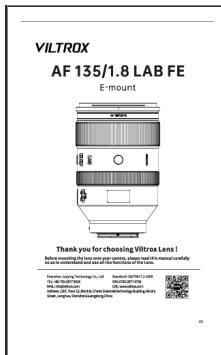
### [Viltrox AF 14/4.0 Z Z-Mount Lens User Manual and Specifications](#)

Comprehensive user manual for the Viltrox AF 14/4.0 Z autofocus lens for Z-Mount cameras. Includes features, installation guide, lens hood usage, safety precautions, cleaning instructions, and detailed technical specifications.



### [Viltrox Vintage Z1+ Camera Flash User Manual](#)

Comprehensive user manual for the Viltrox Vintage Z1+ camera flash, detailing safety precautions, parts identification, indicator lights, operation instructions, triggering modes, and technical specifications.



### [Viltrox AF 135/1.8 LAB FE E-mount Lens - User Manual](#)

User manual for the Viltrox AF 135/1.8 LAB FE E-mount lens, detailing features, specifications, usage instructions, and safety notes.