

VILTROX AF 28mm F4.5 FE

VILTROX AF 28mm F4.5 FE Lens for Sony E-Mount User Manual

Model: AF 28mm F4.5 FE | Brand: VILTROX

1. INTRODUCTION

The VILTROX AF 28mm F4.5 FE lens is an ultra-compact and lightweight wide-angle lens designed for Sony E-mount full-frame and APS-C cameras. It features a classic 28mm focal length, ideal for street photography, and a constant F4.5 aperture for consistent exposure. High-performance optics include aspherical and ED elements to minimize aberrations and ensure sharp, clear images. This lens supports seamless autofocus and EXIF data transfer.

2. PRODUCT OVERVIEW



Figure 2.1: The VILTROX AF 28mm F4.5 FE lens, showcasing its compact pancake design and E-mount compatibility.

VILTROX AF 28mm F4.5 FE Full Frame Lens for Sony E-Mount



Auto Focus



Firmware upgrade
using APP



Portable



28mm wide
angle



Ultra-light
and thin



High image
quality



Figure 2.2: Key features of the VILTROX AF 28mm F4.5 FE lens, including autofocus, firmware upgrade via app, portability, 28mm wide angle, ultra-light and thin design, and high image quality.

VILTROX AF 28mm F4.5 FE Full Frame Lens for Sony E-Mount

Mirrorless Cameras a6000 | ZV-E10 | a6600 | a6400 | a6700
a6300 | a6100 | a5000 | a7iv | a9 | a7C | a7S



Figure 2.3: The VILTROX AF 28mm F4.5 FE lens mounted on a Sony Alpha camera, highlighting its compact profile.



Figure 2.4: Rear view of the VILTROX AF 28mm F4.5 FE lens, showing the E-mount contacts and USB-C port for firmware updates.



Figure 2.5: Front view of the VILTROX AF 28mm F4.5 FE lens, displaying its retractable lens cover mechanism.

3. SETUP

To attach the VILTROX AF 28mm F4.5 FE lens to your Sony E-mount camera, align the white dot on the lens barrel with the corresponding white dot on your camera's lens mount. Rotate the lens clockwise until it clicks securely into place. Ensure the camera is powered off before attaching or detaching the lens.

4. OPERATING INSTRUCTIONS

4.1 Autofocus

The lens features an autofocus system for quick and accurate focusing. Refer to your camera's manual for specific autofocus settings and modes.

4.2 Aperture

The lens has a constant maximum aperture of F4.5. This aperture provides consistent exposure settings and is suitable for various lighting conditions.

4.3 Retractable Lens Cover

The integrated lens cover can be opened or closed using the small toggle switch located on the side of the lens barrel. This mechanism protects the front element from dust and scratches without the need for a separate lens cap.

4.4 Firmware Updates

The lens includes a USB-C port on the rear mount for firmware updates. To update the firmware:

1. Connect the lens to a computer using a USB-C cable.
2. Visit the official VILTROX website (www.viltrox.com) to download the latest firmware and detailed instructions.
3. Follow the on-screen prompts and instructions provided by VILTROX to complete the update process.

4.5 Camera Compatibility

This lens is fully compatible with Sony E-mount full-frame and APS-C cameras, including models like the A7, A9, and A6000 series. It provides seamless autofocus and supports EXIF data transfer.

5. MAINTENANCE

To ensure the longevity and optimal performance of your lens, follow these maintenance guidelines:

- **Cleaning Lens Elements:** Regularly wipe the front and rear glass elements with a clean, soft microfiber cloth specifically designed for optics. Use a lens blower to remove any loose dust particles before wiping to prevent scratches. Avoid touching the glass surfaces directly with your fingers.
- **Body Cleaning:** Clean the lens barrel and mount with a soft, dry cloth. Do not use organic solvents or strong cleaning agents.
- **Environmental Precautions:** The lens is not weather-sealed. Avoid using it in environments with high humidity, heavy rain, or extreme temperatures to prevent internal damage.
- **Storage:** When not in use, store the lens with both front and rear caps attached in a dry, cool place away from direct sunlight and moisture.

6. TROUBLESHOOTING

If you encounter any issues with your VILTROX AF 28mm F4.5 FE lens, please refer to the following common troubleshooting steps:

- **Autofocus Issues:** If the autofocus is slow, inconsistent, or fails to lock onto subjects, ensure the lens firmware is up to date. Check your camera's autofocus mode and area settings. In low-light conditions, autofocus performance may be reduced.
- **Image Quality Concerns:** If images appear soft, blurry, or exhibit unusual artifacts, verify that the lens elements are clean and free from smudges or dust. Ensure the lens is securely mounted to the camera body. Check your camera's ISO, shutter speed, and aperture settings for appropriate exposure.
- **Lens Not Recognized by Camera:** If the camera does not detect the lens, power off the camera, detach the lens, and then re-attach it, ensuring it clicks firmly into place. Clean the electronic contacts on both the lens mount and the camera body with a clean, dry cloth to ensure proper communication.
- **Unusual Noises:** If the lens produces unusual noises during operation, power off the camera and remove the

lens. Inspect for any visible obstructions or damage. If the issue persists, contact VILTROX customer support.

7. SPECIFICATIONS

Feature	Value
Product Dimensions	0.6 x 2.37 x 2.37 inches
Item Weight	7 ounces
ASIN	B0DRXVT23Z
Brand	VILTROX
Focal Length Description	28mm F4.5 FE
Lens Type	Wide Angle
Compatible Mountings	Sony E
Manufacturer	VILTROX
Date First Available	December 30, 2024

8. OFFICIAL PRODUCT VIDEOS

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Video 8.1: Official product video showcasing the VILTROX 28mm F4.5 Full-Frame Ultra-Wide-Angle Lens for Sony, highlighting its features and performance.

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Video 8.2: Official product video demonstrating the VILTROX AF 28mm F4.5 FE Lens for Sony E-Mount, focusing on its design and compatibility.

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Video 8.3: A short preview video from VILTROX Official Store showcasing the VILTROX 28mm f4.5 FE Lens.

9. WARRANTY AND SUPPORT

A warranty card is included with your VILTROX AF 28mm F4.5 FE lens. Please refer to the card for specific warranty terms and conditions.

For further support, product information, or to download the latest firmware updates, please visit the official VILTROX website: www.viltrox.com

<p>VILTROX</p> <p>AF 9/2.8 E E-Mount</p>  <p>Thank you for choosing Viltrox Lens!</p> <p>Before mounting the lens onto your camera, please read this manual carefully so as to understand and use all the functions of the lens.</p> <p>Shenzhen Viltrox Technology Co., Ltd. Shenzhen 518107, China Tel: +86 (0)755 2371 2288 Fax: +86 (0)755 2371 2733 Email: sales@viltrox.com.cn Address: 5/F, Block A, China Shenzhen Technology Building Huaqiang South Street, Longhua, Shenzhen, Guangdong, China</p> 	<p>Viltrox AF 9mm f/2.8 E-Mount Lens - User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for the Viltrox AF 9mm f/2.8 E lens, designed for E-mount cameras. Covers features, installation, safety precautions, cleaning, and detailed performance data.</p>
<p>VILTROX</p> <p>AF 14/4.0 Z Z-Mount</p>  <p>Thank you for choosing Viltrox Lens!</p> <p>Before mounting the lens onto your camera, please read this manual carefully so as to understand and use all the functions of the lens.</p> <p>Shenzhen Viltrox Technology Co., Ltd. Shenzhen 518107, China Tel: +86 (0)755 2371 2288 Fax: +86 (0)755 2371 2733 Email: sales@viltrox.com.cn Address: 5/F, Block A, China Shenzhen Technology Building Huaqiang South Street, Longhua, Shenzhen, Guangdong, China</p> 	<p>Viltrox AF 14/4.0 Z Z-Mount Lens User Manual and Specifications</p> <p>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.</p>
<p>VILTROX</p> <p>AF 50/2.0 Z Z-Mount</p>  <p>Thank you for choosing Viltrox Lens!</p> <p>Before mounting the lens onto your camera, please read this manual carefully so as to understand and use all the functions of the lens.</p> <p>Shenzhen Viltrox Technology Co., Ltd. Shenzhen 518107, China Tel: +86 (0)755 2371 2288 Fax: +86 (0)755 2371 2733 Email: sales@viltrox.com.cn Address: 5/F, Block A, China Shenzhen Technology Building Huaqiang South Street, Longhua, Shenzhen, Guangdong, China</p> 	<p>Viltrox AF 50/2.0 Z Lens Manual and Specifications</p> <p>Comprehensive guide for the Viltrox AF 50/2.0 Z lens, covering features, attachment, detachment, lens hood usage, construction, MTF graphs, safety notes, tips, cleaning, and detailed specifications for Z-mount cameras.</p>
<p>VILTROX</p> <p>AF 135/1.8 LAB Z Z-mount</p>  <p>Thank you for choosing Viltrox Lens!</p> <p>Before mounting the lens onto your camera, please read this manual carefully so as to understand and use all the functions of the lens.</p> <p>Shenzhen Viltrox Technology Co., Ltd. Shenzhen 518107, China Tel: +86 (0)755 2371 2288 Fax: +86 (0)755 2371 2733 Email: sales@viltrox.com.cn Address: 5/F, Block A, China Shenzhen Technology Building Huaqiang South Street, Longhua, Shenzhen, Guangdong, China</p> 	<p>VILTROX AF 135/1.8 LAB Z Lens: Features, Specifications, and Manual</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>
<p>VILTROX</p> <p>AF 85/2.0 EVO FE E-Mount</p>  <p>Thank you for choosing Viltrox Lens!</p> <p>Before mounting the lens onto your camera, please read this manual carefully so as to understand and use all the functions of the lens.</p> <p>Shenzhen Viltrox Technology Co., Ltd. Shenzhen 518107, China Tel: +86 (0)755 2371 2288 Fax: +86 (0)755 2371 2733 Email: sales@viltrox.com.cn Address: 5/F, Block A, China Shenzhen Technology Building Huaqiang South Street, Longhua, Shenzhen, Guangdong, China</p> 	<p>Viltrox AF 85mm f/2.0 EVO FE Lens for E-Mount - User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for the Viltrox AF 85mm f/2.0 EVO FE autofocus lens for E-mount cameras. Learn about features, installation, maintenance, and product parameters.</p>
<p>2021-11-10 14:00:00 2021-11-10 14:00:00</p> 	<p>Viltrox AF 56/1.7 XF Lens for Fujifilm X-Mount - Features, Specifications, and Guide</p> <p>Detailed information on the Viltrox AF 56/1.7 XF prime lens for Fujifilm X-Mount cameras. Discover its features, optical design, specifications, MTF charts, and usage instructions for professional photography.</p>

