

VILTROX AF 9mm F2.8 Air

VILTROX AF 9mm F2.8 Air APS-C Lens Instruction Manual

For Sony E Mount Cameras

1. OVERVIEW

The VILTROX AF 9mm F2.8 Air lens is an ultra-wide-angle autofocus lens designed for APS-C Sony E-Mount cameras. It offers a 113.8° field of view, making it ideal for capturing expansive landscapes, architectural shots, and vlogging. Its lightweight and compact design ensures portability without compromising optical performance.



Image: VILTROX AF 9mm F2.8 Air APS-C Lens on a camera.

Key Features

- **Ultra-Wide Angle of View:** Equivalent to approximately 13.5mm in full-frame format, with a 113.8° ultra-wide angle, suitable for diverse scenes.
- **Clear Image Quality:** Features a 13 elements in 11 groups optical structure, including aspherical, extra-low dispersion, and high-refractive index elements for sharp, low-distortion images.
- **0.13m Minimum Focusing Distance:** Allows for stunning close-up shots with detailed backgrounds.
- **Reliable Autofocus:** Equipped with a Viltrox STM silent motor for precise and fast autofocus, ideal for capturing dynamic subjects.

- **Lightweight & Stable:** Weighs approximately 175g, ensuring portability. Minimal focus breathing for smooth video transitions.
- **Unique Starburst Charm:** HD multi-layer nano-coating technology reduces flare and ghosting, creating captivating starbursts.
- **Excellent Low-Light Shooting:** F2.8 aperture allows for increased light intake, enabling slower shutter speeds and purer night scenes.



Image: Overview of VILTROX AF 9mm F2.8 Air E lens features including ultra-wide vision, autofocus, optical structure, and lightweight design.

Product Video

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Video: Official Viltrox video showcasing the AF 9mm F2.8 Air Lens in various shooting scenarios, highlighting its ultra-wide angle, lightweight design, and autofocus capabilities.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your product package.

- VILTROX AF 9mm F2.8 Air Lens
- Lens Hood
- Lens Bag
- Lens Rear Cap
- Lens Front Cap
- Electronic Manual
- Packing Box

Reliable Video Shooting

The breathing effect is almost imperceptible, making the focus transition during video shooting smooth and natural, which is more suitable for video creation and depth-of-field compositing, and brings no worries in post-production.



Image: Contents of the standard package for the VILTROX AF 9mm F2.8 Air E lens, including the lens, caps, hood, bag, and documentation.

3. SETUP

Attaching the Lens

1. Ensure your camera is turned off.

2. Remove the rear lens cap from the VILTROX AF 9mm F2.8 Air lens and the body cap from your camera.
3. Align the white index mark on the lens barrel with the corresponding index mark on your camera's lens mount.
4. Mount the lens by rotating it clockwise until it clicks into place. Do not force the lens.

Detaching the Lens

1. Ensure your camera is turned off.
2. While pressing the lens release button on your camera body, rotate the lens counter-clockwise until it stops.
3. Carefully remove the lens from the camera body.
4. Attach the rear lens cap to the lens and the body cap to the camera to protect them from dust and damage.



Image: A VILTROX AF 9mm F2.8 Air E lens being attached to a Sony E-Mount camera body.

4. OPERATING THE LENS

Autofocus (AF) and Manual Focus (MF)

The lens features an AF/MF switch on the barrel for quick selection between autofocus and manual focus modes. In AF mode, the STM motor provides fast and precise focusing. In MF mode, rotate the focus ring to adjust focus manually.



113.8° Ultra-Wide Vision

the AF 9mm F2.8 Air showcases an unprecedented 113.8° ultra-wide angle of view, excelling at landscape and wide interior shooting while allowing more background in the frame.



0.13m MOD

Close focus at 0.13m, unlocking prominent foreground, striking perspectives with strong depth, rich close-up details, and expansive backgrounds for playful, immersive compositions beyond the ordinary.

Image: Close-up of the VILTROX AF 9mm F2.8 Air E lens barrel, showing the AF/MF switch.

Aperture Control

The lens has a maximum aperture of F2.8, allowing for excellent low-light performance and shallow depth of field. The aperture can be adjusted via your camera's settings.

Firmware Updates

The lens is equipped with a Type-C upgrade interface for future firmware updates. Connect the lens to a computer using a USB-C cable to perform updates as instructed by VILTROX.

Fast & Accurate Autofocus

The fast and accurate autofocus function, combined with the STM stepping motor, ensures that when shooting lively children, mischievous pets or fleeting street scenes, clear imaging effects can be obtained.

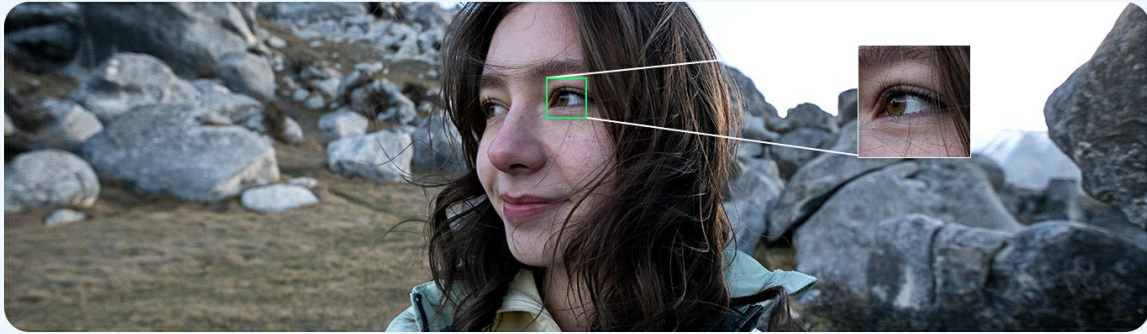


Image: Detailed view of the VILTROX AF 9mm F2.8 Air E lens, highlighting the Type-C upgrade interface.

5. MAINTENANCE

- Always use a soft, clean microfiber cloth to clean the lens elements. Avoid using harsh chemicals or abrasive materials.
- When not in use, keep the lens caps on and store the lens in its bag in a dry, dust-free environment.
- Avoid exposing the lens to extreme temperatures, humidity, or direct sunlight for prolonged periods.
- Do not attempt to disassemble or repair the lens yourself, as this may void the warranty.

6. TROUBLESHOOTING

- **Autofocus not working:** Ensure the AF/MF switch on the lens is set to AF. Check camera settings to confirm autofocus is enabled. Clean lens and camera contacts.
- **Image is blurry:** Verify that the lens is properly attached and securely mounted. Check focus mode (AF/MF) and ensure correct focus. Adjust aperture and shutter speed as needed.
- **Lens not recognized by camera:** Ensure the lens is correctly mounted. Turn the camera off and on again. Check for available firmware updates for both the lens and camera.
- **Dust or spots on images:** Clean the front and rear lens elements carefully with a lens cleaning kit. If spots persist, check your camera's sensor for dust.

7. SPECIFICATIONS

Brand	VILTROX
Model Name	VILTROX AF 9mm F2.8 Air
Lens Type	Wide Angle, Prime
Compatible Mountings	Sony E
Focal Length	9 Millimeters (Ultra Wide Angle)
Minimum Aperture	2.8 f

Maximum Aperture	16 f
Number of Diaphragm Blades	7
Photo Filter Size	58 Millimeters
Focus Type	Auto/Manual
Image Stabilization	No image stabilization
Real Angle Of View	113.8 Degrees
Manufacturer Part Number	WY-9mm F2.8 E

Product List

VILTROX AF 9mm F2.8 Air E	*1
Lens hood	*1
Lens front cap	*1
Lens rear cap	*1
Lens packaging box	*1
Lens warranty card	*1
Lens manual	*1
Flannel storage bag	*1



Image: MTF (Modulation Transfer Function) chart illustrating the optical performance of the VILTROX AF 9mm F2.8 Air E lens.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please contact the seller directly.

- **Warranty Description:** Contact with seller
- **Seller Contact:** [Weeylite US Store](#)