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# Viltrox Launches Full-Frame Ultra-Large-Aperture Autofocus Prime Lens: AF 35mm F1.2 LAB FE

## *Defines a new standard in full-frame, ultra-large-aperture 35mm lenses*

**Shenzhen, China, April 16th, 2025 -** Viltrox is pleased to announce the launch of a new full-frame ultra-large-aperture autofocus prime lens, the Viltrox AF 35mm F1.2 LAB FE. Viltrox’s cutting-edge optical technology raises resolution and bokeh performance of the F1.2 aperture to new heights. The professional lens control system and custom LCD display, offer an efficient personalized shooting experience. Whether for portraits, street photography, or nightscapes, this lens redefines the 35mm prime lens standard with cutting-edge technology and the Viltrox commitment to delivering premium quality at a fraction of the normal cost.

### Revolutionary Quad HyperVCM motor: Speed meets precision

At the heart of the AF 35mm F1.2 LAB FE is Viltrox’s patented Quad HyperVCM autofocus system, which accelerates focus speed by 150% compared to traditional STM motors. By integrating this dual floating focus system, the lens dynamically adjusts lens groups to compensate for spherical aberration and field curvature, enabling quiet, 100ms near-to-far focus transitions — critical for cinematic workflows. At its 0.34m (13.4 inches) minimum focus distance, the lens captures macro-level details with edge-to-edge sharpness, making it a versatile tool for portraits and intricate close-ups.

### Optical mastery: Engineering excellence for exceptional imaging

The lens’s fifteen element optical system combines five extra-low dispersion (ED) segments, three high-refractive-index elements, and two ultra-large precision aspherical (UA) lenses, to deliver unprecedented clarity. This design suppresses chromatic aberration and onion-ring bokeh artifacts, ensuring smooth bokeh even at F1.2. The Nano-Hydrophobic Multi-Coating minimizes flare and ghosting in challenging lighting, while the ultra-precision aperture blade drive maintains circular bokeh shapes, with micron-level accuracy, boosting the lens’s artistic versatility for both photography and videography.

### Ultra large: F1.2 wide aperture

The F1.2 aperture excels in creating exceptional bokeh, while significantly enhancing light transmission. This gives users sharp images, even in challenging low-light conditions. There is no noticeable optical vignetting at the edges. Whether for portrait photography or nightscapes, the lens easily renders perfect separation between the subject and background, presenting a visually striking composition.

### User-centric design: Customization meets control

The AF 35mm F1.2 LAB prioritizes intuitive handling with a dual customizable Fn button array and a multi-functional control ring for seamless aperture adjustments. Its dedicated focus ring allows users to switch between stepped and stepless aperture control, maximizing creative flexibility. Paired with the Viltrox Lens App, photographers can set button functions, LCD startup animations, and monitor real-time parameters, customizing the shooting experience to suit individual workflows. The lens also features a 0.96-inch LCD display for quick access to critical settings, enhancing user convenience in diverse environments.

### A new benchmark: Affordable high-end performance

The AF 35mm F1.2 LAB FE is a cheerleader for Viltrox’s mission to democratize professional-grade optics. Weighing under 1kg, and built with aerospace-grade magnesium alloy, this lens withstands extreme temperatures (-10 to +40°C) while delivering cinema-grade video performance—minimizing focus breathing and ensuring stable framing during dynamic shoots.

### More details and how to buy

For more information, please visit: <https://geni.us/35LAB_PR>
Amazon Store:
The US site: <https://www.amazon.com/promocode/A1E3IF7KEZO9HV>
The European site: <https://www.amazon.de/dp/B0F23NB77C>

MSRP: $999 / €1099 / £959

### About Viltrox

Shenzhen Jueying Technology Co., Ltd, known under the Viltrox brand name, was founded in 2009 and is headquartered in Shenzhen, China. Viltrox is dedicated to providing high-quality imaging equipment for professional photographers and enthusiasts worldwide. With a focus on innovation, Viltrox designs, develops, manufactures, and sells a wide range of imaging products, including lenses, camera monitors, lens adapters, and photographic lights. Viltrox focuses on anticipating customer needs and leveraging new technology to provide excellent performance, reliability, and affordability. The company invests heavily in research and development, driving technological advancements to empower content creators at all levels. Learn more about Viltrox at [viltrox.com](https://viltrox.com/)