

“FíRIN” series marks a new chapter in Tokina history.



Compact form factor of mirrorless cameras (or ILCs - Interchangeable Lens Compact) appeal to wide cross-segment of photographers and with tremendous recent advances in function and quality the number of mirrorless camera users are steadily increasing.



Background

Acknowledging this trend, we decided to create a new series of professional grade interchangeable lenses with the concept that is unique from the successful Tokina DSLR lenses.

We are proud to call this new series and this new concept “Tokina FiRIN.

Tokina FiRIN

Name's origin

Fírin is a variation of Fírinne, the Old Irish word for “truth,” which was coined during the Gaelic Revival in the late 19th Century. It means, “that which is real.” It signifies “being true to someone or something.” And it represents a promise from Tokina to photographers to help them capture the truth in their images with this revolutionary new lens.

With FÍRIN, photographers can shoot with confidence, knowing that every image captured with their mirrorless cameras will be its own moment of truth.

We are glad to present the first lens in Firin series - 20mm F2 FE MF for SONY A7 full frame E-mount.



FIRIN 20mm F2 FE MF for SONY A7 full frame E-mount lens

Main features

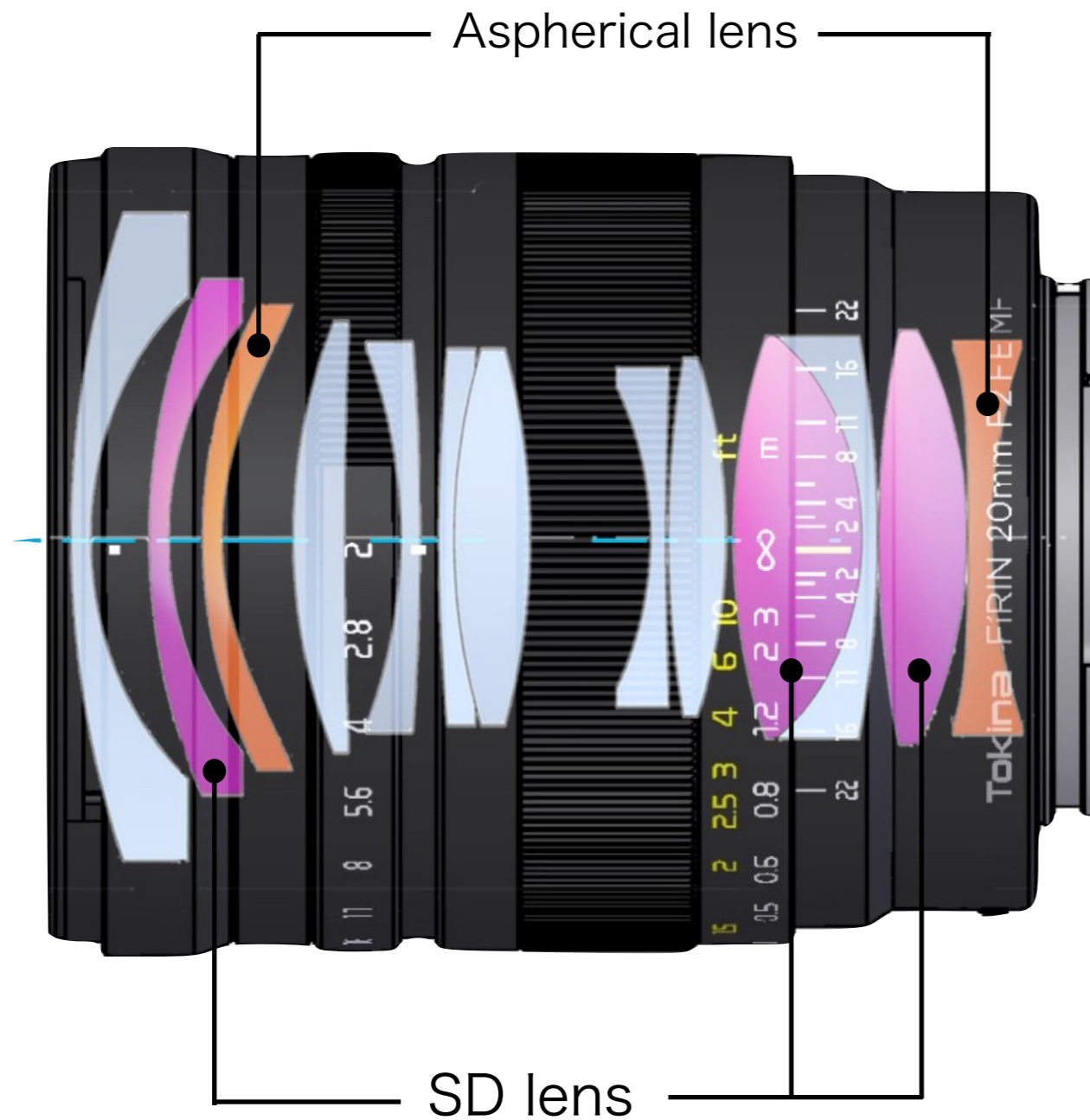
- A Full-Frame, super-wide angle lens that performs with perfect compatibility in terms of design and form factor when attached to a SONY A7 series body.
- The optical system adopts aspherical lens elements in the best positions in the optical design to reduce any type of aberration to a minimum in addition to 3 lenses molded from Super-low Dispersion glass that significantly reduces lateral chromatic aberrations.
- The FIRIN lens has the ability to transmit aperture, distance and optical information to the camera making this lens fully suitable for the SONY A7 series camera's MF assist function, in-camera's 5 axis image stabilizations and in viewfinder electronic distance scale.
- A design devoted to manual shooting and cinema enthusiast that includes a wide manual focus ring, aperture ring and depth of field index bar.
- De-Click Aperture function suitable for cinema/video shooting.
- Luxurious use of high-precision Japanese-made metal parts and mechanisms.

The FIRIN 20mm F2 lens is a compact form-factor super wide angle manual prime lens compatible with full-frame E-mount SONY A7 mirrorless cameras.



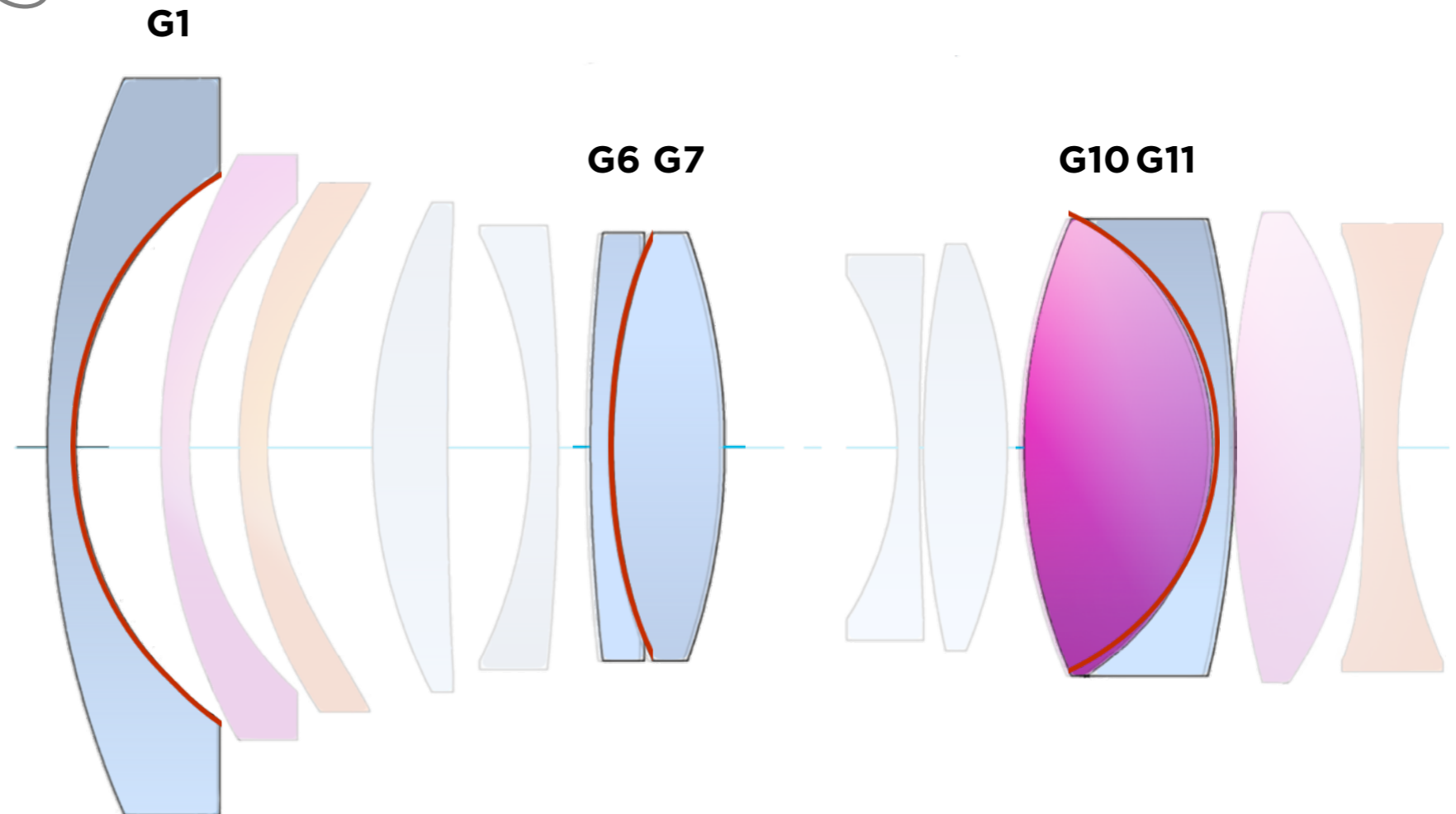
Perfect match

By adopting two all-glass precision molded aspherical elements and 3 Super-low Dispersion (SD) glass lens elements we succeeded in greatly reducing aberrations yielding images higher resolution and contrast. This optical design demonstrates Tokina's decades of experience and traditions of excellence as an optics manufacturer merged with the application of new technologies.



Optics

Coatings



Anti-reflective coatings play an important role in the optical performance of the lens. In addition to ALL glass elements of the FIRIN 20mm F2 are multi-coated, considerable work has been done with the rear convex surfaces of the large G1 element. This element was very difficult to coat due to its complex shape. The Coatings are even on the contacting surfaces of the element combinations G6-G7 and G10-G11.

All these small measures add up to reduce reflections and flare to an absolute minimum while increasing sharpness and contrast.

Communication

Being a fully manual lens with a large focus ring, aperture ring and depth of field index bar, the ability to simultaneously transfer distance and aperture status to the camera give you full advantage to use the latest features of the A7 series such as 5-axis image stabilization, MF assist and the electronic distance scale.



You can get the advantage of both strengths: excellent optical properties of the lens and outstanding camera image processing power.

Tokina

FIRIN 20mm F2 FE MF

Carefully crafted high quality finishes and precisely engineered and manufactured metal parts give this lens the feel and performance of a premium optic.

Attention to detail, finely machined and finished component, superb optical design and balanced ergonomics yield a lens that is as easy to use and good looking as the images it creates. Manual focus allows pre-focus technique snapshots to be taken with ease using the advantage of the deep depth of field of this super-wide angle lens or open up to F2 to enjoy beautiful bokeh.

Exterior & Usability



For Cinematography

FÍRIN is not only for photography. With a press of the De-Click button on the aperture ring the lens de-clicks the aperture mechanism making it suitable for cinema/video use.



Lens Specifications

| | |
|-----------------------------|-------------------------|
| Focus distance | 20mm |
| Brightness | F2.0 |
| Compatible format | Full format |
| Minimum aperture | F22 |
| Lens configuration | 13 elements in 11 group |
| Angle of view | 92.651° |
| Filter size | 62mm |
| Shortest object distance | 0.28m / 11 in. |
| Macro maximum magnification | 1 : 10.33 |
| Focus method | Internal focus |
| Number of aperture blades | 9 |
| Maximum diameter | 69mm |
| Full length | 81.5mm |
| Weight | 490g |
| Hood | Square, bayonet type |
| Mount type | Sony-E |



With the first FÍRIN series lens Tokina takes another step into the future. The FÍRIN 20mm F2 FE MF will have its public debut at Photokina 2016 in Cologne, Germany.

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Tokina FÍRIN

Tokina's début series of mirrorless camera lenses