

# HAWK FRONT ANAMORPHIC ZOOMS

combine the unique, cinematic visual characteristics of anamorphic prime lenses with the convenience and variable focal length of zoom lenses.

The anamorphic 2.40:1 format is widely considered to be the most cinematic film format. But previous anamorphic zooms lacked the true flavor of anamorphic prime lenses in part because they were designed and built with the anamorphic element at the back end, behind the spherical elements. This adaptation was necessary because of the large size of zoom lenses. But the spherical taking lens meant that the anamorphic elements could not wield their unique influence on the image. The resulting image was squeezed to the proper standard, but it lacked the 'Scope traits cinematographers love to use in visual storytelling.

Cinematographers should have anamorphic zoom lenses that deliver the same performance and look as anamorphic primes. Unlike existing anamorphic zooms, the Hawk Front Anamorphic Zoom Lenses place the anamorphic element in front of the spherical elements. The resulting image displays all the anamorphic blur, shallow depth of field, elliptical highlights, streaks and flares, geometric curvature and barrel distortion, and distinct planes of focus cinematographers expect from anamorphic primes.

The challenge demanded a smaller spherical zoom lens. Vantage's first breakthrough toward the creation of a true anamorphic zoom was dramatically decreasing the size of this lens. The company's policy of controlling and creating every element with specific design goals in mind paid dividends once again. The resulting front anamorphic brings a number of advantages. Traditional rear anamorphic zoom arrangements sacrifice one stop; whereas, the Hawk design is neutral in terms of light loss. Therefore, all Hawk Front Anamorphic Zoom Lenses are T 2.8 –quite fast for an anamorphic zoom. The lenses also deliver excellent close focus ability, giving cinematographers additional convenience and flexibility on the set. Overall, the Hawk Front Anamorphic Zooms give filmmakers a tool with all the anamorphic qualities they would expect from anamorphic primes with the flexibility of a zoom.

| Focal Length | Stop     | CfD  |      | Angle of View |             |
|--------------|----------|------|------|---------------|-------------|
|              |          | m    | ft   | horizontal    | vertical    |
| 45-90mm      | T2.8-T16 | 0.75 | 2'6" | 53.3°-29.2°   | 22.7°-12.4° |
| 80-180mm     | T2.8-T16 | 1    | 3'3" | 32.5°-14.7°   | 13.8°-6.3°  |



The Hawk Front Anamorphic Zoom Lenses are built to the exacting, robust standards of all Hawk lenses.

## HAWK V-Plus 45-90 mm/T2.8 and 80-180 mm/T2.8

These lenses intercut seamlessly with the entire line of Hawk anamorphic primes. Vantage has brought their uncompromising technical standards, unparalleled design expertise, and precision manufacturing to bear on this addition to the Hawk family of lenses.

