

HAWK® V-PLUS

Ten Primes – Two Zooms

Hawk V-Plus Anamorphics build on the successes of the well-established Hawk V-Series. The following aspects make this series of lenses stand out:

The Hawk V-Plus range consists of 10 prime lenses –35, 40, 50, 65, 75, 85, 100, 120, 135, and 150mm plus two zooms –45-90mm/T2.8 and 80-180mm/T2.8. This set includes the Hawk 65mm as an associate to the Hawk 120mm/T3 Super Close Focus, and the Hawk 85mm with a close focus of 0.6m/2' that fills the gap between the popular Hawk 75mm and the Hawk 100mm lenses. The medium telephoto lens Hawk 150mm has a close focus of 1m/3' 6". Later, the set will be extended with a new super-wide angle prime, a wide-angle macro lens, and two extreme telephoto lenses, which are in the calculation process at the moment.

Improved Optics – Although previous Hawk lenses were already exceptional, further improvements enhanced this series of lenses. The efforts focused on improving the capability of the lenses to handle extremely high contrasts. The manufacturing process of the optical components was optimized in several ways, and the new lenses are fully matched to all other Hawk Anamorphics. Vantage uses telecentric designs for all Hawk V-Plus optics, and these lenses perform equally well on film and digital cameras.



Masking – Hawk V-Plus lenses were the first cine lenses to “mask” the out of image area. The system consists of three strategically positioned masks within the lens: one mask at the front of the lens, a second mask positioned before the cylindrical elements, and the third mask at the rear of the element. The cut outs of those masks are tailor made for every lens according to its optical calculations.

Less Weight – The weight of every lens has been reduced by up to 20%.

Focus Scale – The focus scale is ergonomically optimized with an equal, parallax-free reading quality on both sides of the lens. The ease of reading has been enhanced using special engraving techniques. A high-precision, modern electromechanical/optical projection system is used to calibrate the focus scales. V-Plus distance scales are optimized for adjustments during camera prep, and a rental house can easily re-calibrate the distance scales without disassembling the lens. The feet or meter distance scales can be exchanged without removing the lens support bracket. The gear ring has been reduced in diameter in order to receive a more direct transmission of the follow focus and is, therefore, better protected. The position of the follow focus has also been moved back to the camera in order to optimize the focusing.

