

HAWK 150-450mm T2.8

High Speed Telephoto Zoom Lens – you can quickly change it from a 150-450 mm T2.8 to a 100-300 mm T2.2

For shooting on film, this is the industry standard at the 450 mm end of zoom range. It's also the fastest 100-300 mm available. How does this lens give you two sets of zoom ranges? – it comes with a separate optical reducer. When you insert that, all the focal length are reduced 0.7 times.

Choice of filters: Filters on the front of a long lens degrade its image of course. Our filter slot is near the back and it accepts one filter holder. The lens comes with two filter slots; each slot holds two 48 mm filters. One lets you use any two filters; the other comes with a geared rotatable polarizer and space for one other filter.

Centering and tracking: This is a big lens – 600 mm long. Positioning of the elements and mechanical tracking must both be even more precise than in a shorter lens. Zooming moves are obviously very long but must stay centered. Sometimes we contact camera crews to get feedback on the equipment they just rented from us. A number of DPs have told us they're surprised at how well a zoom lens this long stays on target all the way.

Heat and cold: Because it's physically long, we have also paid extra attention to metal expansion and contraction. Instead of the usual aluminum, our lens rear section is thin stainless steel. As a result, back focus shift is invisible, even in arctic cold and tropical heat.

If you take the 150-450 mm on location, you also take the world's fastest 100-300 mm zoom – both of them designed to help you get the best images.



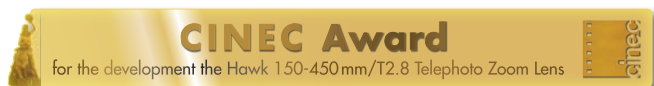
The Hawk 0.7x Reducer can be easily attached on location.



The rotatable Polarizer is available as True Pol or 1-Stop Pola It has a locking mechanism and can be set by hand or motor.

Technical Data

Focal Length	150-450 mm
T-Stop	2.8 – constant throughout the entire range
Image Format	35 mm ANSI 18.6 x 24.9 mm
Lens Mount	PL
Weight	15.9 kg/35 lb
Number of Elements	18 in 12 groups
Overall Length	660 mm
Front Diameter	ø 156 mm
Internal Filters	ø 48 mm (2 pcs.)
Temp. Range	-20°C – +50°C -5°F – +125°F no calibration variation
Accessories	Vantage Support Plate, 48 mm Filter Set, Polarizer, 0.7x Reducer



You are welcome to test the zooming accuracy on our test projectors before your next shoot.

HAWK®

Made in Germany by Vantage Film GmbH

For further information contact Vantage Film, Phone +49 961 26795, Fax +49 961 62983, www.vantagefilm.com