

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.



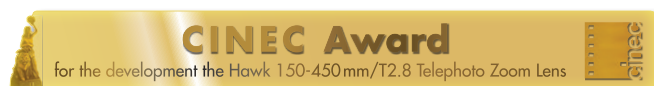
The Hawk 0.7x Reducer can be easily attached on location.



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



LARGE FORMAT

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