

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 450mm end of zoom range. It's also the fastest 100-300mm 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 100-300mm 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 Polarizer. It has a locking mechanism and can be set by hand or motor.

Technical Data

Focal Length	150-450mm
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	660mm
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

Lens	Focal L./T-Stop	Cfd
HAWK V-LITE ANAMORPHICS		
Hawk V-Lite 28	28mm / T2.2	80cm
Hawk V-Lite 35	35mm / T2.2	1 m
Hawk V-Lite 45	45mm / T2.2	1 m
Hawk V-Lite 55	55mm / T2.2	1 m
Hawk V-Lite 65	65mm / T2.2	1 m
Hawk V-Lite 80	80mm / T2.2	1 m
Hawk V-Lite 110	110mm / T3	1 m
Hawk V-Lite 140	140mm / T3.5	1 m
HAWK V-PLUS ANAMORPHICS		
Hawk V-Plus 35	35mm / T2.2	75cm
Hawk V-Plus 40	40mm / T2.2	75cm
Hawk V-Plus 45 ¹ Super Close Focus	45mm / T3	40cm
Hawk V-Plus 50	50mm / T2.2	60cm
Hawk V-Plus 65 Super Close Focus	65mm / T3	40cm
Hawk V-Plus 75	75mm / T2.2	60cm
Hawk V-Plus 85	85mm / T2.2	60cm
Hawk V-Plus 100	100mm / T2.2	1 m
Hawk V-Plus 120 Super Close Focus	120mm / T3.5	40cm
Hawk V-Plus 135	135mm / T3	1 m
Hawk V-Plus 150	150mm / T3	1 m
Hawk V-Plus 2:1 Zoom	45-90mm/T2.8	75cm
Hawk V-Plus 2:1 Zoom	80-180mm/T2.8	1 m
HAWK V-SERIES ANAMORPHICS		
Hawk V-Series 25 + 2 Diopters	25mm / T2.2	60cm
Hawk V-Series 30	30mm / T2.2	80cm
Hawk V-Series 35	35mm / T2.2	75cm
Hawk V-Series 40	40mm / T2.2	75cm
Hawk V-Series 50	50mm / T2.2	60cm
Hawk V-Series 60	60mm / T2.2	60cm
Hawk V-Series 75	75mm / T2.2	60cm
Hawk V-Series 100	100mm / T2.2	1 m
Hawk V-Series 135	135mm / T3	1 m
Hawk V-Series 180	180mm / T3	2 m
Hawk V-Series 250	250mm / T3	2 m
Hawk V-Series 350	350mm / T4	2 m
1.4x Extender for APL 250		
Hawk V-Series 5:1 Zoom	46-230mm/T4	40cm
Hawk V-Series 3:1 Zoom	300-900mm/T4	3 m
HAWK C-SERIES ANAMORPHICS		
	1 / T2.2	1 m
	1 / T2.2	1 m
Hawk C-Series 60	60mm / T2.2	1 m
Hawk C-Series 75	75mm / T2.2	1 m
Hawk C-Series 100	100mm / T2.2	1 m
Hawk C-Series 3:1 Zoom	55-165mm/T4	1 m
HAWK V-LITE16 ANAMORPHICS		
Hawk V-Lite16 14	14mm / T1.5	80cm
Hawk V-Lite16 18	18mm / T1.5	1 m
Hawk V-Lite16 24	24mm / T1.5	1 m
Hawk V-Lite16 28	28mm / T1.5	1 m
Hawk V-Lite16 35	35mm / T1.5	1 m
Hawk V-Lite 45	45mm / T2.2	1 m
Hawk V-Lite 55	55mm / T2.2	1 m
Hawk V-Lite 65	65mm / T2.2	1 m
Hawk V-Lite 80	80mm / T2.2	1 m
Hawk V-Lite 110	110mm / T3	1 m
Hawk V-Lite 140	140mm / T3.5	1 m

Lens	Focal L./T-Stop	Cfd
HAWK V-LITE VINTAGE'74 ANAMORPHICS		
Hawk V-Lite 28	28mm / T2.3	80cm
Hawk V-Lite 35	35mm / T2.3	1 m
Hawk V-Lite 45	45mm / T2.3	1 m
Hawk V-Lite 55	55mm / T2.3	1 m
Hawk V-Lite 65	65mm / T2.3	1 m
Hawk V-Lite 80	80mm / T2.3	1 m
Hawk V-Lite 110	110mm / T3.1	1 m
Hawk V-Lite 140	140mm / T3.7	1 m
Hawk V-Plus 2:1 Zoom	45-90mm/T2.9	75cm
Hawk V-Plus 2:1 Zoom	80-180mm/T2.9	1 m

Lens	Focal L./T-Stop
VARIOUS ANAMORPHIC LENSES	
Angénieux/Hawk 12:1 Optimo	48-580mm/T4
Angénieux/Hawk 6:1 Zoom	34-204mm/T4.2
Angénieux/Hawk 10:1 Zoom	50-500mm/T5.1
Canon/Hawk 600	600mm/T4
Canon/Hawk 800	800mm/T4
Canon/Hawk 1000	1000mm/T6.3
Canon/Hawk 1600	1600mm/T8
Century/Hawk 2000	2000mm/T8
Nikon/Hawk 400	400mm/T3
Nikon/Hawk 600 High Speed	600mm/T3
Nikon/Hawk 600	600mm/T4
Nikon/Hawk 800	800mm/T4
Nikon/Hawk 1200	1200mm/T5.6
Slant Focus/Hawk 90	90mm/T4
Slant Focus/Hawk 180	180mm/T4
	100mm/T5.6
Swing-Shift System/Hawk	160mm/T4
	220mm/T3.5
TREX Superscope/Hawk	20, 28, 35, 50, 80, 150mm/T8
Hawk Rear Attachment	doubles the focal length, minus one stop
Hawk Rear Attachment – Optimo	doubles the focal length, minus one stop

ANAMORPHIC VIEW FINDERS	
Anamorphic View Finder for Arricam Studio	
Anamorphic View Finder for Arricam Lite	
Anamorphic View Finder for Arriflex 535B	
Anamorphic View Finder for Arriflex 435	
Anamorphic View Finder for Arriflex 235	
Anamorphic View Finder for Arriflex 416	
Anamorphic Ground Glass+Glow+Format Mask for Arricam/Arriflex	
Anamorphic Eyepiece for Moviecam Compact	
Anamorphic View Finder Ext. for Moviecam Compact	
Anamorphic View Finder for Moviecam SL	
Anamorphic Ground Glass + Gate for Moviecam	

ACCESSORIES	
Directors Finder Anamorphic	
Arri FF-3/4 Follow Focus modified for use with Hawk V-Series	
FF-4 Conversion Kit only (Follow Focus not supplied)	
Wide Focus Gear for LCS use with Hawk C-Series	
Arri MB-28V Matte Box with Hybrid Filter Stage 4x5.65 + 6.6x6.6	
Arri MB-14W Matte Box with 2-Filter Stage for Hawk V-Series 25/30mm	
Set of Hawk Mattes for MB-14	
Arri LMB-4 Clip-on Matte Box modified f. Hawk V-Series	
Hawk Compact Matte Box for Hawk C-Series	
Anamorphic Format Converter (for Video Assist)	