



**Innerfocus**

## HAC18x7.6-F (7.6-105) Zoom Lens

Application	2/3 HD Camera
Zoom Ratio	18X
Focal Length (min) (max)	7.6-137mm
Maximum Photometric Aperture T-No.	1.9(7.6-105mm) 2.6 (137mm)
Iris Blades	8
Minimum Object Distance from Image Plane	.84m/1.8ft
Object Dimensions at M.O.D.	7.6mm 738 x 415mm 137mm 41x 23mm
Angular Field of View	7.6mm 64°30' x 39°03' 137mm 4°01' x 2°15'
Diameter	85mm
Weight	1.6kg
Full Length	204mm
Iris Gear Pitch	ø 73.6 Module 0.8
Focus Gear Pitch	ø 87.2 Module 0.8
Zoom Gear Pitch	ø 76.8 Module 0.8
Focus Rotation	280°

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The image size of the 2/3" HD camera is 11mm diagonal, which is about 40% of that of a 35mm film format lens (27.26mm). The "CINE SUPER" series has been designed to have the same angular field of view as that of the more common 35mm film format lens so that cinematographers can easily adapt to the Digital Cinema format.

**Benefits**

- Experience in CCD HD Optical Systems
- High Performance at Wide Apertures
- Constant T-No. (Super E and HAC15X)
- Crisp, Sharp and High-Contrast Images
- Minimized Focus Breathing
- Excellent Relative Illumination
- Utilizes Popular Industry Accessories

**Super E Series Zoom**



**Super E Series Prime**



**Lens Comparison**

**Super 16                      Academy 35**

Cine Super E Primes	Super 16	Academy 35
HAeF5	6.6 mm	12.4 mm
HAeF8	10.6 mm	19.8 mm
HAeF10	11.6 mm	24.8 mm
HAeF12	15.9 mm	29.7 mm
HAeF16	21.2 mm	39.6 mm
HAeF20	26.5 mm	49.5 mm
HAeF34	45 mm	84.2 mm
HAeF40	52.9 mm	99 mm
HAeF54	71.43 mm	133.7 mm

**Cine Super E Zooms**

HAe3x5	6.6~19.8 mm	12.4~37.1 mm
HAe5x6	7.9~39.7 mm	14.9~74.3 mm
HAe10x10	13.2~132.3 mm	24.6~247.5 mm
HAe12x9.5	12.6~150.8 mm	23.5~282.2 mm

**Cine Compact C Zooms**

HA13x4.5B-10	5.6~78 mm	11.1~146 mm
HAc15x7.3B-10	9.7~145.5 mm	18.1~272.3 mm
HA18x7.6B-F	8.8~158 mm	18.8~339 mm

**Compact C Series Zoom**



Features may vary between models

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