



# Optimo 19.5-94

Wide Angle Zoom  
with Large Imaging Size



## Specifications

Zoom ratio	4.7x
Focal Length	19.5 - 94 mm
Aperture	f/2.4 – T2.6
Close Focus	2 ft 0.5 in - 0.62m
Internal Focus	Yes
Image coverage	S35+: 31.4 mm diagonal
Weight (approx.)	12.3 lbs – 5.6 kg
Length	335 mm (PL) 330 mm (Panavision)
Front diameter	136 mm

## MAIN FEATURES

- Enhanced version of the former Optimo 17-80 with larger image circle and longer focal length
- Ideal companion to the industry reference Optimo 12x zooms
- Superb image quality from T2.6 open aperture
- Perfect homogeneity of color, contrast and resolution
- Low distortion. No ramping, minimal breathing
- Internal focus, internal zoom constant lens volume
- Precise and ergonomic focus ring with scale rotation of 329 degrees and over 50 focus witness marks
- Interchangeable focus scale ring from feet to meters
- Robust zoom / focus mechanism
- Sophisticated yet robust focusing architecture offers close focus of 2ft 0.5 in - 0.62m
- Adapted to extreme production environments (passive athermalisation from -20°C to +40°C)
- Compatible with Optimo 1.4x and 2x extenders
  - 27 - 131 mm T3.7 (with 1.4x)
  - 39 - 188 mm T5.2 (with 2x)
- Image coverage S35+ (31.4 mm diagonal), expanded to 35mm diagonal when used with extenders
- PL mount lens. interchangeable to PV mount by factory trained engineers

## Available accessories



PV mount



Extenders or  
Format Adapters  
1.4x & 2x

## Field of view for 35 mm Academy (21.95x16 mm, 27 mm diagonal)

Focal Length	19.5 mm	94 mm
Horizontal angular field of view	58.2°	13.4°
Object dimensions at MOD (mm)	344x246	73x54