

Angénieux Optimo Style 16-40

Optimo Style 16-40

Lightweight Series



TECHNICAL SPECIFICATIONS :

Zoom Ratio:	2.5X
Focal Length:	16 - 40 mm
Aperture:	f/2.6 – T2.8
MOD:	2 ft – 0.6 m
Internal Focus:	Yes
Image Coverage:	S35+: 31.4 mm diagonal
Weight (approx.):	4.2 lbs – 1.92 kg
Length:	186 mm
Front Diameter:	114 mm

- . Extremely fast aperture of T2.8 with no ramping
- . 320° focus rotation with over 20 precise focus witness marks and no breathing
- . Optical design optimized for today's large format single sensor middle budget cameras with extended compatibility
- . Calibrated focus marks in feet or meters
- . Optimo quality and cinematic look at an affordable price
- . Available in PL mount. PV, Nikon and Canon mounts available on request
- . Expanded capabilities with Optimo 2x and 1.4x range extenders

CAN BE OFFERED WITH OPTIONAL ANGENIEUX SERVO UNIT (ASU) :



WEIGHT :
1.5 lbs - 0.7 kg
WEIGHT WITH OPTIMO STYLE
16-40 / 30-76 :
5.7 lbs - 2.62 kg

- Provides control of zoom, focus and iris
- Is compatible with Broadcast remote handles and Cinema remote control
- F/T/Z can be remotely controlled via various wired/ wireless devices: Preston, Angénieux and more to come based on customer demands
- Generates lens metadata based on Cooke protocol

AVAILABLE ACCESSORIES :



DSLR Mounts Extender 1.4 & 2 X Wide Angle 0.75X

FIELD OF VIEW FOR 35mm ACADEMIC (22x16 mm) :

Focal Length:	16 mm	40 mm
Horizontal angular field of view:	69°	31.2°
Object dimensions at MOD (mm):	569x408	230x170

Angénieux®



A - 1/8" external connector
B - remote connector
C - camera interface
D - main power supply

OPTIMO DP 16 - 42

- » Extremely fast aperture of T2.8 with no ramping
- » 320° focus rotation with over 20 precise focus witness marks and no breathing
- » Optical design optimized for today's large format single sensor cameras
- » Calibrated focus marks in feet or meters
- » Optimo quality at an affordable price
- » Available in PL Mount
- » Does not fit on cameras with optical viewfinder
- » Wide angle adapter WA 0.75x available (focal length at wide angle 12.2mm)

Zoom Ratio: 2.6X
Focal Length: 16 - 42 mm
Aperture: f/2.6 – T2.8
MOD: 2 ft – 0.6m
Internal Focus: Yes
Image Coverage: S35 5k (32mm diagonal)

Weight (approx): 4.2 lbs – 1.9 kg
Length: 190 mm
Front Diameter: 114 mm



Angénieux 3D

Angénieux now offers a 3D ready package that includes two factory matched zoom lenses with perfectly calibrated focus rings and easily adjustable tracking.

S35 – 4K (24.4x13.7mm)

Focal Length:	16mm	42 mm
Horizontal angular field of view*:	75.4°	32.4°

angénieux Optimo 24-290 12x Zoom

Optimo 24-290 12x Zoom



Specifications

Zoom ratio	12x
Focal Length	24 - 290 mm
Aperture	f/2.5 – T2.8
Close Focus	4 ft – 1.22 m
Internal Focus	Yes
Image coverage	Up to S35 3 perf. (30 mm diagonal) with extenders, image coverage becomes S35+ 31.4 mm diagonal
Weight (approx.)	24.2 lbs – 11 kg
Length	440 mm
Front diameter	162 mm

MAIN FEATURES

- Industry reference high magnification cinema zoom lens since 2001
- Class leading image quality across the entire 12x zoom range
- Extremely fast aperture of T2.8 with no ramping
- Superb image quality from open aperture
- Precise and ergonomic focus ring with scale rotation of 327 degrees and over 70 focus witness marks
- Interchangeable focus scale ring from feet to meters
- Close focus of 4 ft - 1.22 m
- Adapted to extreme production environments (passive athermalisation from -20°C to +40°C)
- Robust zoom / focus mechanism
- Mechanical components based on light-weight material with dedicated anti-abrasion coating
- Aberration correction properly carried out, high-tech corrective glass to improve performance
- Image coverage up to S35 3 perf. (30 mm diagonal), expands to 35 mm diagonal when used with extenders
- Compatible with Optimo 1.4x and 2x extenders
 - 35 - 420 mm T4 (with 1.4x)
 - 48 - 580 mm T5.6 (with 2x)
- PL mount lens. Easily interchangeable to PV or Canon EF mounts

Available accessories



PV/EF Mounts



Extenders or
Format Adapters
1.4x & 2x

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

Focal Length	24 mm	290 mm
Horizontal angular field of view	49.2°	4.2°
Object dimensions at MOD (mm)	799x571	67x49

OPTIMO ULTRA 12x

The long-range cinema zoom reference redefined

Supports Multiple Imaging Formats thanks to Angénieux IRO technology®

The New Generation High End 12x Cine Zoom

Successor model to industry reference OPTIMO 24-290 & 28-340, the Optimo Ultra 12x is the ideal long-range zoom for high-end productions: Feature Films, TV Series, Live Stage, Commercials, Music Videos. The lens features a totally new optical & mechanical design, offering even better optical performance, and improved mechanical stability and serviceability. Thanks to the IRO technology® the lens can be configured in three different versions: S35 (Ø31.1mm), U35 (Ø34.6mm) and FF/VV (Ø46.3mm) with dedicated sets of rear and rings.

NEW OPTICAL DESIGN

- ◆ Completely new optical design to enable Full Frame Coverage
- ◆ Well controlled optical performances at each focal length and focus distance by having a good balance between contrast and resolution-appealing cinematic look
- ◆ Superb image quality from open aperture, considered as "variable primes"
- ◆ Low distortion
- ◆ No ramping, minimal breathing, very fast for 12x zoom ratios
- ◆ Efficient use of aspherical elements to minimize color fringing
- ◆ Very short MOD : 1.22m/4' for the S35 version - 1.24m/4'1" for the U35 version - ≤1.5m/5' for the FF/VV version

NEW MECHANICAL DESIGN

- ◆ Completely newly designed mechanics vs. 24-290 & 28-340
- ◆ Improved mechanical stability, and serviceability
- ◆ Weight reduction of moving components
- ◆ Reduce dust inhale by improving air flow and adding dust traps
- ◆ Precise and ergonomic focus ring with scale rotation of 321 degrees, the largest in the industry and over 70 focus marks.
- ◆ User changeable focus marking rings (focusing scales available in feet or metric)
- ◆ Mechanical components based on light-weight material with dedicated anti-abrasion coating
- ◆ Adapted to extreme shooting environments (passive athermalisation from -20°C to +40°C)
- ◆ PL mount lens. Additional lens mounts to come.

MULTIPLE IMAGE FORMAT COVERAGE

Two packages available :

- ◆ Zoom S35 + U35 Kit (Standard Optimo Ultra 12X package)
- ◆ Zoom S35 + U35 kit + FF/VV kit (Full Optimo Ultra 12X package)



U 35 kit



FF/VV kit

IRO Interchangeable Rear Optics Technology®

Angénieux innovative modular design allows users to configure lenses optimized for different image circle sizes.

Available accessories



Optimo Extenders
1.4x and 2x



Lens Carrying
Handle



Front
Protective
Glass



	S35	U35	FF/VV
Focal Range	24-290mm	26-320mm	36-435mm
Aperture	T2.8	T3.1	T4.2
Image Circle	31.1mm	34.6mm	46.3mm
Weight	12.6kg / 27.7lbs	12.75kg/28.1lbs	12.75kg/28.1lbs

OPTIMO ULTRA 12x