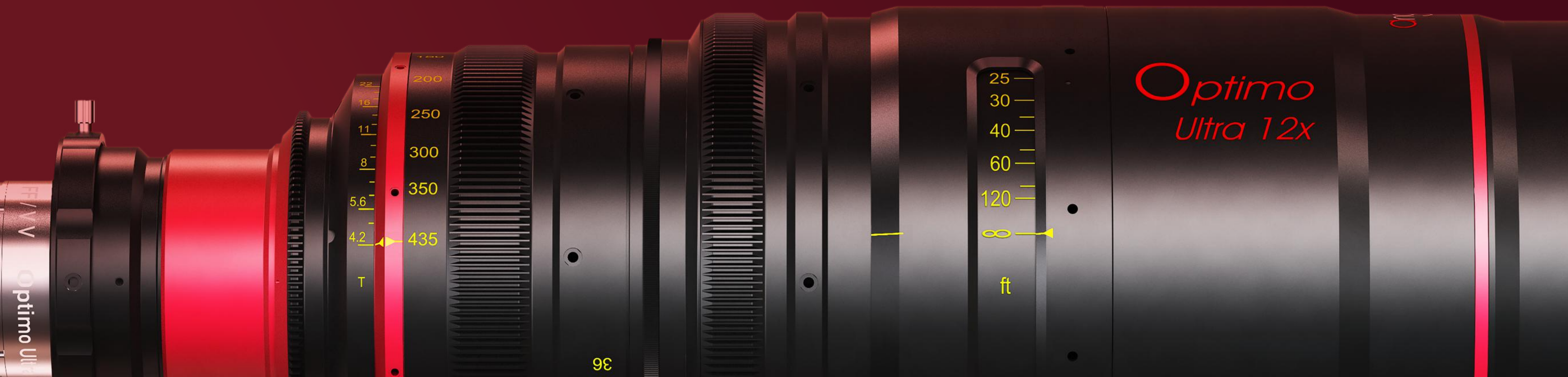


The long-range cinema zoom reference redefined

# Optimo Ultra 12x





# 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 (31.1mm), U35 (34.6mm) and FF/ VV (46.3mm) with dedicated sets of rear and rings.



# New **mechanical** design



- ◆ Completely newly designed mechanics  
vs. 24-290 & 28-340
- ◆ Improved mechanical stability & serviceability
- ◆ Weight reduction of moving component
- ◆ 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)
- ◆ Light-weight material Mechanical components based on  
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.



# Optimo Ultra 12x Overview

Two version available :

Optimo Ultra 12x FF/VV Only

Feet 66066539AB - Meter 66066539AA

Optimo Ultra 12x Full Pack

(Zoom S35 + U35 kit + FF/VV kit)

Feet 321080 - Meter 321081

- ◆ Full Frame Coverage  
enabled by a completely new optical design
- ◆ 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
- ◆ Minimized color fringing  
Thanks to an efficient use of aspherical elements
- ◆ 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

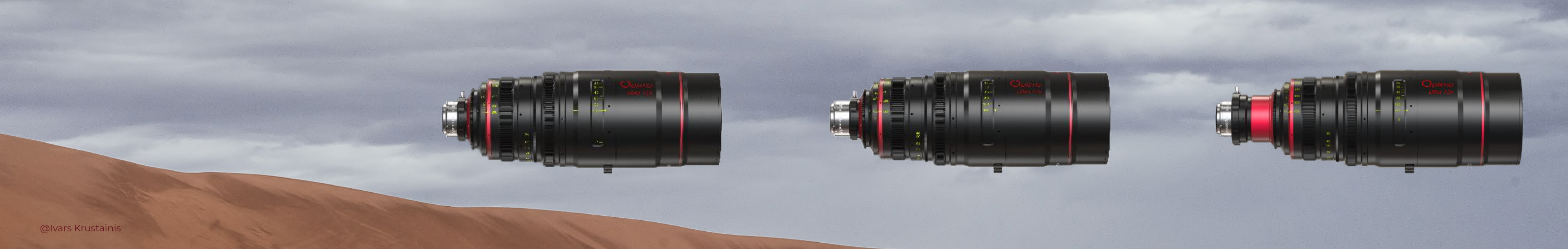


**Angénieux innovative modular design**  
allows users to configure lenses optimized  
for different image circle sizes.



**IRO** Interchangeable  
Rear  
Optics  
**Technology®**





@Ivars Krustainis

Image Format Coverage

- Zoom
- Focal length
- Apperture
- Minimum object distance
- Internal Focus
- Internal circle coverage
- Length
- Front diameter

S35

- 12x
- 24-290 mm
- T2.8
- 1.22 m / 4 ft
- Yes
- 31.1 mm
- 472 mm / 18.6 in
- 162 mm

Angular FOV 35mm film : 22x16mm

- 24 mm / 290 mm
- 48.2° / 4.4°
- 538 x 732 / 47 x 65

Angular FOV S35mm film : 24x18.67mm

- 24 mm / 290 mm
- 54.0° / 5.0°
- 632 x 860 / 55 x 73

12.6kg / 27.7lbs

U35

- 12x
- 26-320 mm
- T3.1
- 1.24 m / 4 ft 1 in
- Yes
- 34.6 mm
- 481 mm / 18.9 in
- 162 mm

Angular FOV 35mm film : 22x16mm

- 26 mm / 320 mm
- 43.7° / 4.0°
- 478 x 666 / 42 x 58

Angular FOV S35mm film : 24x18.67mm

- 26 mm / 320 mm
- 49.1° / 4.5°
- 560 x 760 / 49 x 65

12.75kg / 28.1lbs

FF/VV

- 12x
- 36-435 mm
- T4.2
- 1.52 m / 5 ft
- Yes
- 46.3 mm
- 523 mm / 20.6 in
- 162 mm

Angular FOV 35mm film : 22x16mm

- 36 mm / 435 mm
- 32.7° / 2.9°
- 462 x 640 / 41 x 56

Angular FOV S35mm film : 24x18.67mm

- 36 mm / 435 mm
- 36.9° / 3.3°
- 541 x 728 / 48 x 63

12.75kg / 28.1lbs

# Optimo Ultra 12x Accessories



Optimo Extenders 1.4x & 2x

323065



Lens Carrying Handle

321106



Front Protective Glass

321034



Want to get **your own set of Optimo FF ?**  
**Please contact :**

**Asia Pacific  
Hong Kong & China**

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If you have trouble finding the closest repair or service center for your Angénieux Optimo lenses, you can go to [the service & support page on our website](#) to find the list of our fully factory-trained international partners.

Or you can **contact the Angénieux service team :**

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Angénieux Optimo Primes  
with IOP effects by PolarMedia



**TUTORIAL**  
Angénieux Tutorial Video  
for Optimo Ultra 12x



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The expression of the French  
savoir-faire in all its splendor



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