



# Optimo Ultra 12x

The long-range cinema zoom reference redefined



## Specifications

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

## MULTIPLE IMAGE format coverage

Thanks to the IRO technology®, the lens can be configured in three different versions: S35 (Ø 31.1mm), U35 (Ø34.6mm) and FF/VV (Ø46.3mm) with dedicated sets of rear and rings.

Two packages available :

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



## Available accessories



Front protective glass



Extender or Format Adapters 1.4x & 2x



Lens carrying handle

## MAIN FEATURES

### 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.

	S35		U35		FF/VV	
<b>Angular field of view (for film 35mm: 22x16mm)</b>						
Focal Length	24	290	26	320	36	435
Horizontal angular field of view	48.2°	4.4°	43.7°	4.0°	32.7°	2.9°
Object dimensions at MOD (mm)	538x732	47x65	478x666	42x58	462x640	41x56
<b>Angular field of view (for film S35mm: 24.9x18.67mm)</b>						
Focal Length	24	290	26	320	36	435
Horizontal angular field of view	54.0°	5.0°	49.1°	4.5°	36.9°	3.3°
Object dimensions at MOD (mm)	632x860	55x73	560x760	49x65	541x728	48x63