

SELC1635G

FE C 16–35 mm T3.1 G Cinema Lens Series full-frame wide-angle zoom with advanced optical performance, operability and intelligent shooting functions



Overview

Cinematic images with beautiful bokeh

Experience beautiful cinematic images, with excellent corner-to-corner resolution and consistent T3.1 (F2.8) large aperture from wide to telephoto for stunning background bokeh effects.

Responsive manual control for content creators

Adjust focus, zoom and iris with smooth, consistent precision. Enjoy fine control over realizing your artistic vision with large-format sensor cameras such as the PXW-FX9 and VENICE.

Shoot with extra intelligence

Enjoy smart functions unique to Sony's E-mount lens system, including AF (autofocus) support, servo zoom and zoom/iris/focus control from your camera, remote or smartphone, allowing cinematographers to concentrate on composition and focus without touching lens rings.*

*Requires compatible cameras, remote controllers, smartphones, and mobile apps.

Features

Unlimited expression for content creators

Explore new artistic possibilities and precise creative control with Cinema Lens Series — the refined expression of Sony's

technological expertise for uncompromising content creators. This wide-angle zoom lens is optimized for digital cinematography, documentary production and other premium content produced with full-frame cameras such as the FX9 and VENICE.

Advanced optical design

Two XA (Extreme Aspherical) lens elements and three aspheric elements minimize distortion, curvature and astigmatism. Two ED (Extra-low Dispersion) glass elements suppress color distortion, while an advanced nano AR (Anti Reflection) coating on optical surfaces drastically reduces flare and ghosting. The floating focus mechanism is optimized for motion picture applications, ensuring outstanding resolution and very low distortion at any shooting distance.

Smooth, natural bokeh

An ideal partner for the full-frame sensor of Sony's acclaimed FX9 and VENICE cameras, the consistent T3.1 (F2.8) large aperture and circular 11-blade aperture of the SELC1635G lets professional cinematographers enjoy shallow depth of field and the creation of beautifully smooth bokeh (background defocus) effects.

Precise, responsive manual focus

Linear Response MF enables smooth, lag-free manual focus, allowing DoPs and camera operators to adjust focus accurately and intuitively. The focus ring offers a 120-deg large angle of rotation for finer control, with distance scale markers for consistent focus reset during multiple takes. For complete creative control to suit any user including photographers who are used to shooting stills, SELC1635G also offers reversible zoom ring rotation, modes switchable between AF/MF and Full manual, and the option to engage 'click stops,' providing tactile feedback for precise adjustments of the aperture ring. When the click stops are disengaged, the aperture ring moves smoothly

and quietly.

More options for content creators

The SELC1635G has a 0.8-mm pitch gear and 114-mm lens diameter, which is regarded as the industry standard in cinematography, providing compatibility with a wide range of accessories include matte boxes and follow focus systems.

Detachable servo zoom

The included servo unit provides comfortable fingertip control for smooth, gradual zooms suitable for a slow-moving drama or promotional video. Servo and Manual control are switchable by the button on the lens unit, and while set to servo, you can control zoom via the camera's handle or grip zoom. Also, the servo can be detached if preferred, making the lens lighter and more portable.

Fast, accurate AF and AE

The SELC1635G fully supports the Enhanced Hybrid phase/contrast detection autofocus (AF) and Auto Exposure (AE) capabilities of the FX9 full-frame camera. This breakthrough technology allows you to concentrate on framing while the camera and lens work seamlessly together to maintain focus on subjects with shallow depth of field.

Specifications

General

Mount	Sony E-mount
Format	35 mm full frame
Focal Length (mm)	16–35
Lens Groups /	

Elements	13-16
Angle of View (35 mm full-frame Horizontal)	97°-54°
Maximum Aperture	T3.1 (F2.8)
Minimum Aperture	T25 (F22)
Aperture Blades	11
Circular Aperture	Yes
Minimum Focus Distance (m)	0.28
Minimum Focus Distance (ft)	0.92
Maximum Magnification Ratio (x)	0.19
Zoom system	Both manual and powered
Teleconverter compatibility (x1.4)	Incompatible
Teleconverter compatibility (x2.0)	Incompatible
Hood Type	Square shape
Dimensions Diameter x	Φ118.4 x 146.6

Length (mm)	Front diameter 114
Dimensions Diameter x Length (in)	Φ4.7 x 5.8
Weight (g)	TBD
Weight (oz)	TBD
What's in the Box	Hood Lens Front Cap Lens Rear Cap Soft Case Tripod Mount Lens Support Adapter

Gallery

