

SEL85F14GM

FE 85mm F1.4 GM

The ultimate portrait prime



The perfect 85mm F1.4 portrait lens with outstanding sharpness dissolving to magnificent bokeh.

- E-mount Full Frame format
- G Master Mid-range telephoto prime
- Extraordinary detail and bokeh in one lens

Technical Summary

Icon Description

- Premium G Master Series Mid-range telephoto prime
- Bright F1.4 maximum aperture
- Circular 11-blade aperture for beautiful defocus effects
- Sony Nano AR Coating to eliminate flare and ghosting
- Dust and moisture resistant design

Key Technical Specification

- **Minimum Focus Distance**
AF 0.85 m, MF 0.8 m
- **Maximum Magnification ratio**
0.12 x
- **Filter Diameter**
77 mm
- **Weight**
820 g

What's in the box?

- Hood (ALC-SH142)
- Lens front cap (ALC-F77S)
- Lens rear cap (ALC-R1EM)
- Case

Specifications

Lens Specifications

Mount	Sony E-mount
Format	35mm full frame
Focal-Length	85 mm
35mm equivalent focal-length (APS-C)	127.5 mm
Lens Groups / Elements	8 / 11
Angle of View (35mm)	29°
Angle of View (APS-C)	19°
Maximum aperture (F)	1.4
Minimum Aperture (F)	16
Aperture Blades	11
Circular Aperture	Yes
Minimum Focus Distance	AF 0.85 m, MF 0.8 m
Maximum Magnification ratio	0.12 x
Filter Diameter	77 mm

Size & Weight

Dimensions (W x H x D)	89.5 x 107.5 mm
Weight	820 g

Features

A new dimension of portrait performance

The most advanced technology available has been applied in the G Master series, further enhancing acclaimed Sony G Lens performance. This model combines refined G Lens bokeh with new levels of resolution in a truly outstanding portrait lens that can fully utilize the performance potential of current and future high-resolution camera bodies.

Natural images with no spurious colour

Chromatic aberration can degrade resolution as well as bokeh quality. Three ED (Extra-low Dispersion) glass elements make a significant contribution to this lens's outstanding optical performance, keeping axial chromatic aberration in check while maximizing both clarity and the natural look and colour of its breathtaking bokeh.

11 blades for luscious bokeh

Sony's circular aperture design usually employs up to 9 blades. This is the first α lens to incorporate 11 blades in a circular aperture design, taking bokeh quality to new levels of smooth beauty with natural looking highlights.

Versatile fingertip focus control

The ability to respond quickly to rapidly changing shooting situations can mean the difference between getting the shot or not. A manual/auto focus mode switch and focus hold button are positioned for easy access, providing versatile, professional control for a wide range of subjects and environments.

Hood lock and release

A hood lock mechanism prevents accidental hood detachment when moving from location to location, but a hood release button makes it easy to remove and replace the hood whenever necessary.

Extraordinary resolution and bokeh

Outstanding resolution even at the maximum F1.4 aperture renders the subject with impressive dimensionality. Then gradual, gorgeous bokeh dissolves the background into an artistic backdrop with natural colouration and highlights. This rare combination, due in part to new XA element technology, opens up new vistas of visual expression.

Sublime 2-sensor autofocus accuracy

In addition to the usual rotation sensor, a second sensor detects focus lens group position. This dual sensor system achieves the extremely high level of focus precision that is necessary to make the most of the high-resolution potential of advanced camera bodies. SSM (Super Sonic wave Motor) drive provides the required power and speed.

Outstanding clarity and contrast

Advanced Nano AR Coating technology produces a lens coating with a precisely defined regular nano-structure that effectively suppresses reflections that can cause flare and ghosting, for notable improvements in clarity, contrast, and overall image quality. (1. Nano AR Coating / 2. Glass / 3. Transmitted light)

Easy de-click for movies

While still shooters usually prefer the tactile feedback provided by click stops on the aperture ring, moviemakers favor smooth, quiet, click-free aperture operation. The click stops on this lens's aperture ring can be easily turned on or off to suit still or movie shooting applications.

High reliability in harsh conditions

In addition to the normal dust and moisture sealing measures, a seal has been added at the lens-body interface for even further protection and reliability in challenging environments. Shoot with confidence in light rain or windy conditions.