



## SEL85F18

### Full-frame E-mount Fast Prime Lens

Capture beautiful portraits with this affordable 85mm F1.8 full-frame E-mount mid-telephoto prime lens. This compact, lightweight lens is ideal for both full-frame and APS C cameras. The 9-blade fast F1.8 aperture delivers beautiful background defocus effects while the dust and moisture resistant design offers robust reliability.



### Key Features

#### Large F1.8 maximum aperture

The 85mm focal length is a perfect choice for portrait photography as the maximum F1.8 aperture opens up a world of beautiful prime-lens bokeh. The large F1.8 maximum aperture enables beautiful defocusing effects and enables massive amount of light for low-light or dimly lit shooting scenarios.

#### 9-blade circular aperture

The 9-blade circular aperture maximizes the beauty captured by this large-aperture prime-lens, contributing to impressive images in which the subject stands out against a smoothly defocused background bokeh as well as naturally rendered points of defocused light.

#### Double linear motor system for fast and precise focusing

A double linear motor system is used to allow fast, precise focusing, even at challenging maximum F1.8 aperture where the depth of field is very shallow. Operation is responsive and quiet whether you're focusing manually or using autofocus. This, with its rapid response ability for fine focus adjustment, make it ideal for movie recording as well.

#### Customizable focus hold button

The focus hold button not only performs its primary function to lock focus when recomposing, but can be customized to a number of other functions depending on your needs. In addition to Focus Hold, these custom functions include: Eye AF, AF On, Aperture Preview, Shot Result Preview or Bright Monitoring.

#### Refined optical performance

The refined optical design includes an ED (Extra-low Dispersion) glass element which dramatically reduces chromatic aberration and provides superior contrast across the entire image, even at large aperture settings, resulting in corner-to-corner sharpness.

#### AF /MF switch

A direct AF/MF switch on the lens barrel conveniently allows for fast selection between autofocus or manual focus without having to access any menus.

#### Dust and moisture resistant for robust reliability

The dust and moisture resistant design makes this lens appropriate for heavy-duty outdoor use, especially when combined with a camera that employs weather resistant measures. <sup>1</sup>

#### Internal focusing

Only the middle groups of the optical system move to achieve focus, so the overall length of the lens does not change when focusing. This is especially important when using for video recording. Other important benefits include fast autofocus and a short minimum focusing distance. Also, the filter thread at the front of the lens does not rotate, which is convenient when using a polarizing filter.

### Specifications

Lens Specifications	
35mm equivalent focal-length (APS-C) (mm)	127.5
Angle of view (35mm)	29°



Angle of view (APS-C)	19° *With interchangeable-lens digital camera incorporating APS-C type image sensors.
Circular aperture	Yes
Dimensions dia. x length (in.)	3-1/8 x 3-1/4 inches
Dimensions dia. x length (mm)	78 x 82 mm
Filter diameter (mm)	67
Focal-length (mm)	85
Format	35 mm full frame
Hood type	Round shape, bayonet type
Image stablilization (SteadyShot)	- (body-integrated)
Lens construction (groups-elements)	8-9
Lens mount	Sony E-mount
Maximum aperture (F)	1.8
Maximum magnification ratio (x)	0.13
Minimum aperture (F)	22
Minimum focus distance (ft)	2.63
Minimum focus distance (m)	0.8
Model name	SEL85F18
Number of aperture blade	9
Product name	FE85 mm F1.8
Type	Interchangeable lens
Weight (approx.) (g)	371 g
Weight (approx.) (oz.)	13.1 oz
Accessories	
Supplied Accessories	Hood (ALC-SH150) Lens front cap (ALC-F67S) Lens rear cap (ALC-R1EM)

1. Not guaranteed to be 100% dust and moisture resistant.  
© 2017 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony is not responsible for typographical and photographic errors. Features and specifications are subject to change without notice. Sony, the Alpha logo and the Sony logo are trademarks of Sony Corporation. All other trademarks are trademarks of their respective owners. / UPC:027242906105 / Updated: March 10, 2017