

# SEL100M28GM

## 1.4x max. magnification in Sony's Versatile FE 100mm F2.8 Macro GM OSS

This versatile 100 mm macro lens offers up to 1.4x magnification, or up to 2.8x with an optional teleconverter<sup>2</sup>. G Master resolution and bokeh contribute to impressive macro captures, while advanced stabilization and macro-optimized operability deliver unprecedented macro potential for stills and movies. Flowers, insects, and other subjects come alive with normally hidden detail.



### Bullets

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- 1.4x max. magnification in Sony's Versatile FE 100mm F2.8 Macro GM OSS.
- Up to 2.8x magnification with optional teleconverter<sup>2</sup>
- Breathtaking G Master resolution and bokeh
- Refined optical image stabilization minimizes macro shake
- Four XD Linear AF motors for fast, precise, quiet AF
- Focus operation optimized for macro shooting
- Extra durability and reliability for challenging outdoor conditions

### Features

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#### Up to 1.4x magnification, or 2.8x with optional teleconverter<sup>2</sup>

The versatile FE 100mm F2.8 Macro GM OSS offers up to 1.4x magnification, or up to 2.8x magnification with an optional teleconverter<sup>2</sup>. G Master resolution and bokeh contribute to impressive macro captures. Advanced stabilization and macro-optimized operability deliver unprecedented control for stills and movies where focus is critical.

#### Extreme macro with more than a 1:1 ratio

Up to 1.4x magnification and a 0.26 m (0.86 ft) minimum focus distance make this lens ideal for macro photography. Close-up capability with more than a 1:1 magnification ratio makes it possible to capture details and textures that are normally invisible to the naked eye in creative new ways.

#### 2.8x magnification with a teleconverter<sup>2</sup>

Teleconverter<sup>2</sup> support enables up to 2.8x magnification that can reveal new dimensions of detail and texture while providing ample working distance that not only makes it possible to shoot impressive macro captures of subjects that can't be approached closely, but also allows extra space for effective lighting.

#### Breathtaking G Master resolution

Two XA (extreme aspherical) elements and two ED (Extra-low Dispersion) glass elements suppress chromatic and other aberration for superior resolution right out to the image edges. Floating focus minimizes aberration variations for superb resolution at close focus. Nano AR Coating II controls flare and ghosting for excellent contrast and clarity.

#### Exquisite G Master bokeh

An F2.8 aperture, two XA (extreme aspherical) elements, two ED (Extra-low Dispersion) glass elements, and an 11-blade aperture unit all help to create gorgeous G Master bokeh that has minimal coloration. Refined bokeh contributes to beautiful, impressively dimensional imagery.

#### Effective stabilization for macro shooting

Advanced optical image stabilization is optimized for macro shooting where sharpness is critical, and a new control system achieves improved angle, shift, and depth control for precise handheld stabilization<sup>3</sup>. Compatible  $\alpha$  bodies<sup>4</sup> additionally enable lens-body communication that enhances stabilization for both stills and movies (Active Mode).

#### Fast, precise, quiet AF and tracking

Four XD (extreme dynamic) linear motors drive the floating focus group for up to 1.9x faster AF<sup>5</sup> over a wide range in AF-S mode. Tracking is fast too, making it easier to shooting active macro subjects. This system easily keeps up with the 120 fps<sup>6</sup> maximum speed of the  $\alpha$ 9 III. Focus drive is quiet too, making it ideal for movie shooting.

#### Critical focus for eye-opening macro

Precise focus is essential when shooting with a narrow depth of field, and this remarkable lens ensures that it is easy to achieve. After following a moving subject in AF-C mode, the MF mode can be quickly selected via the AF/MF switch and used with focus magnification to refine and finalize focus.

### Quick, easy focus adjustment

If focus is on the wrong subject, it can be returned to the intended subject simply by rotating the focus ring in the lens's DMF mode. Sliding the focus ring back and forth switches between the AF/MF and FULL MF modes, with the latter providing distance and magnification scales that are ideal for macro shooting.

### Customizable focus hold buttons

When using AF, pressing a focus hold button maintains focus at the current setting for as long as the button is held. The focus hold buttons can be assigned different functions for different situations. Focus magnification can be assigned to the focus hold buttons, for example, so that it can be quickly activated for precise focus confirmation.

### Natural linear manual focus response

Linear Response MF ensures that the focus ring responds directly and linearly to subtle control when focusing manually. Focus ring rotation translates directly to a corresponding change in focus, so control feels immediate and precise. Linear Response MF also enables smooth, accurate manual focus shifts when shooting movies.

### Extra durability and reliability for challenging outdoor conditions

Buttons and switches sealed with silicone gaskets, a rubber ring that seals the lens mount, and other measures prevent the incursion of dust and moisture even in challenging outdoor conditions<sup>7</sup>. The front element features a fluorine coating that repels contaminants and makes the lens easier to clean.

## Specification

Lens Specifications	
MOUNT	Sony E-mount
FORMAT	35mm full frame
FOCAL-LENGTH (MM)	100
35MM EQUIVALENT FOCAL-LENGTH (APS-C)	150
LENS GROUPS / ELEMENTS	13-17
ANGLE OF VIEW (35MM)	24°
ANGLE OF VIEW (APS-C)	16°
MAXIMUM APERTURE (F)	2.8
MINIMUM APERTURE (F)	22
APERTURE BLADES	11
CIRCULAR APERTURE	Yes
MINIMUM FOCUS DISTANCE	0.26 m (0.86 ft)
MAXIMUM MAGNIFICATION RATIO (X)	1.4
FILTER DIAMETER (MM)	67
IMAGE STABILIZATION (STEADYSHOT)	Optical SteadyShot
TELECONVERTER COMPATIBILITY (X1.4)	SEL14TC
TELECONVERTER COMPATIBILITY (X2.0)	SEL20TC
HOOD TYPE	Round shape, bayonet type
Size & Weight	

DIMENSIONS (D X L)	81.4 x 147.9 mm (3-1/4 x 5-7/8 in.)
WEIGHT	646 g (22.8 oz.)
<b>What's in the Box</b>	
Supplied Accessories	Hood (model): ALC-SH173, Lens front cap: ALC-F67S, Lens rear cap: ALC-R1EM, Soft case

1. As of the September 2025 product announcement.
2. SEL20TC and SEL14TC teleconverters supported. Maximum magnification with SEL20TC is 2.8x.
3. Stills only.
4. Refer to Sony's support web page for camera compatibility information. Stabilization effect may vary according to the lens used.
5. Sony tests. Compared to the FE 90mm F2.8 Macro G OSS.
6. Maximum burst speed may vary depending on shooting conditions and lens/body settings.
7. Not guaranteed to be 100% dust and moisture proof.

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