

SEL24F14GM

FE 24mm F1.4 GM

Stunning F1.4 resolution in a mobile prime lens



Unsparring application of leading-edge technology achieves refined G Master performance with consistently high resolution and soft, natural bokeh even at the widest F1.4 aperture setting.

- E-mount Full Frame format
- G Master F1.4 wide-angle prime lens
- Stunning F1.4 resolution in a mobile prime lens

Technical Summary

Icon Description <ul style="list-style-type: none">• Premium G Master Series Wide-range prime lens• DDSSM (Direct Drive SSM) for quiet, highly precise focus lens control• Circular 11-blade aperture for beautiful defocus effects• Two XA (extreme aspherical) elements in an optical design contribute to G Master's high resolution• Dust and moisture-resistant design	Key Technical Specification <ul style="list-style-type: none">• Minimum Focus Distance 0.24 m (0.79 ft)• Maximum Magnification ratio (x) 0.17• Filter Diameter (mm) 67• Weight 445 g (15.7 oz.)	What's in the box? <ul style="list-style-type: none">• Hood (model):ALC-SH154• Lens front cap:ALC-F67S• Lens rear cap:ALC-R1EM• Case
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Specifications

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Features

Stunning F1.4 resolution in a mobile prime lens <p>Unsparring application of leading-edge technology achieves refined G Master performance with consistently high resolution and soft, natural bokeh even at the widest F1.4 aperture setting. The lens is both compact and the lightest in its class, maximizing the E-mount portability advantage. It also offers fast, precise AF drive, plus top-level control and reliability that make it an outstanding choice for professionals.</p> ED glass elements control colour aberration <p>Three ED (Extra-low Dispersion) glass elements are carefully incorporated in the lens's optical path to minimize axial and lateral chromatic aberration, maintaining optimum sharpness throughout the image.</p> Nano AR Coating enhances flare resistance <p>Sony's original Nano AR Coating technology provides an effective solution, suppressing internal reflections that can lead to flare and ghosting so that optimum contrast and clarity are achieved in the widest possible range of shooting conditions. (1. Nano AR Coating / 2.Glass / 3.Transmitted light)</p> 11 blades enhance bokeh beauty <p>The lens's aperture mechanism features 11 blades, the most used in α lenses, and a circular design that maintains an almost perfectly circular aperture even when the lens is stopped down by up to 1 or 2 stops so that beautiful, round bokeh is easy to achieve. This contributes to soft, smooth background bokeh that really makes the subject stand out.</p> Easy de-click for movies <p>An aperture ring provides the type of immediacy and response that professionals need for both still photography and videography. A Click ON/OFF switch allows the aperture ring click stops to be engaged or disengaged as required. Engaging the click stops provides tactile feedback that can make it easier to gauge how much the ring has been adjusted by feel, and is therefore a good choice for still photography. When the click stops are disengaged the aperture ring moves smoothly and quietly, providing seamless, silent control for moviemaking.</p> High reliability in harsh conditions <p>The focus ring feature a rubber material that makes control easy even in low temperatures, a lens hood lock button prevents unwanted detachment of the hood during transportation, and a dust and moisture resistant design enhances reliability for outdoor use.</p> Fluorine coated front element <p>A fluorine coating on the front element resists fingerprints, dust, water, oil, and mud, and allows easy cleaning if such contaminants do become attached to the lens surface.</p>	Excellent corner-to-corner resolution <p>Two XA (extreme aspherical) elements, one used for the front element, effectively compensate for coma, field curvature, and astigmatism that can be problems with wide-angle large-aperture optics, providing excellent corner-to-corner resolution even when shooting wide open at F1.4.</p> State-of-the-art optical design faithfully reproduces point sources <p>State-of-the-art optical design incorporating two precision XA elements suppresses sagittal flare, a common aberration in large-aperture lenses. Sagittal flare is a phenomenon that results in an unnatural spreading of point light sources that appears somewhat like a bird spreading its wings and becomes more pronounced towards the image periphery. Natural reproduction of point sources is particularly important for scenes that include stars or city lights at night, for example. (1. A star shot with the FE 24mm F1.4 GM shows no sign of sagittal flare. 2. Pronounced sagittal flare on a star shot with a conventional 24mm f1.4 lens.)</p> Compact and lightweight design <p>A new optical design that reduces overall lens diameter by employing two XA elements, one for the front lens, combines with a newly developed DDSSM (Direct Drive SSM) focus drive system to achieve a remarkably light total weight of just 445 grams (15.7 oz.). The reduced size and weight of this lens makes it an ideal match for compact E-mount bodies.</p> High-power DDSSM redesigned and optimized for the lens <p>A redesigned high-power DDSSM (Direct Drive SSM) focus drive system contributes to reduced size and weight while delivering approximately three times greater thrust than the previous system.The increased power of the new DDSSM system provides faster, more precise, quieter autofocus drive capability, for outstanding performance when shooting stills and movies.</p> Smooth, versatile operation <p>A focus hold button is customizable from body menu. The user can directly access a secondary function assigned to the focus hold button, such as "Grid Lines" to check composition when shooting landscapes, or "White Balance" to adjust white balance to match current lighting conditions or create a specific atmosphere.</p> Versatile fingertip focus control <p>A focus mode switch makes it possible to quickly select auto or manual focus to match changing shooting conditions.</p> Excellent response and fine linear focus control <p>The focus ring features Linear Response MF for fine, responsive manual focus control. Focus changes linearly in response to focus ring rotation, giving the user the control immediacy needed for fast, accurate manual focusing.</p>
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Optional Accessories

ALC-R1EM <p>Protect your camera's rear glass</p>	VF-67CPAM <p>Reduce glare and surface reflections in your photos</p>	VF-67MPAM <p>Protect your lens from dirt, dust and fingerprints</p>
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