

Miniature Superfisheye™ Lens for ¼" Imagers

Sunex, Inc. is pleased to announce the launch of the world's smallest Superfisheye™ lens. The DSL216 features a 187° field of view (FOV), high resolution and compact size. The new lens from Sunex offers an unmatched combination of image quality, size and durability.

The DSL216 is optimized for sensors with multi-megapixel resolution. On popular ¼" format sensors this Superfisheye lens offers a 187° horizontal FOV. When used with larger format sensors it will provide a full circular image with a maximum FOV of 187°. The relative aperture of F/2.0 makes the lens suitable for low-light camera applications.



The DSL216 also features a small form factor of about 16mm maximum diameter and a total track of about 18mm. The lens barrel is threaded M12x0.5 (s-mount) to fit most standard, board-level mounts. The standard lens is provided with an integrated IR cut-off coating. For near-IR applications, lenses without the IR cut-off coating are also available.

Special features, designed to increase the durability of this lens, make the DSL216 lens ideal for automotive and outdoor applications. The lens assembly features a sealed first element for protection from the ingress of dust and water.

Samples of our standard lenses are available for purchase upon inquiry. If this standard product does not meet your exact requirements, please contact us. Variations of the existing design are possible. Examples include: customer-specified IR cut-points, hydrophobic coatings, or customized lens barrel designs. Sunex offers comprehensive support, from design to prototype to production.

Contact a Sunex Sales Engineer at 760.602.0988 or visit us online www.optics-online.com to learn more.