

Sunex

Excellence in Optical Design and Manufacturing

SXM™ and DXM™

25+ year track record of success in taking customer concepts from design through mass production.



Sunex Patented Technologies

SXM™ – Sunex Interchangeable M12 Lenses

Introducing the world's first patented, interchangeable board mount lens system—designed for unmatched versatility and speed.

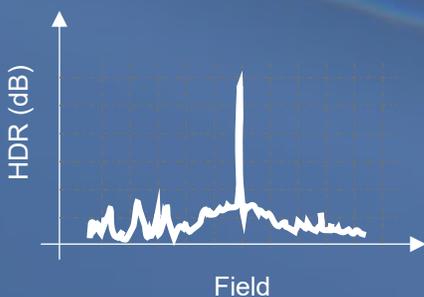
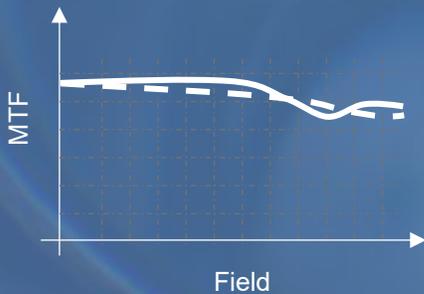
Switch from telephoto to fisheye in just three seconds with a system that supports any sensor and any lens. Over 300 off-the-shelf lenses from Sunex's extensive lineup can be seamlessly adapted to the SXM system, or you can design your own custom module with your preferred sensor and lens combination. With no need for focusing or alignment, simply drop in your components and start capturing—perfect even for high-megapixel cameras.

Similar to the DSLR system architecture, the SXM offers:

- Dozens of lens options
- A customizable user experience
- Field-replaceable lenses

Integrated in your business model, SMX™ can enable a continuing revenue stream for consumer/commercial products in the form of additional lenses and upgrades after the initial sale.

More than just hardware, Sunex's proprietary manufacturing process allows Sunex to install the precision "SXM" system on your sensor board, which will work with ANY compatible SXM Lens.



All graphs are for illustration purpose only. The individual lens performance can be different.

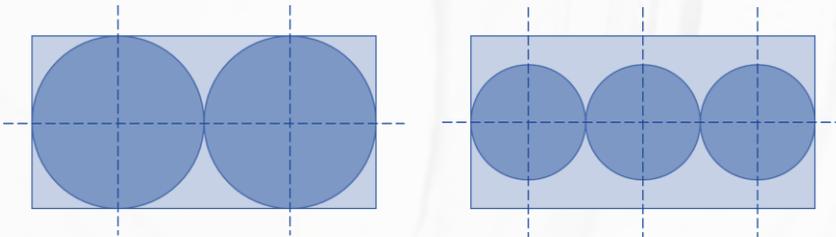




DXM™ – Sunex Multi-Channel Technology

Sunex's patent-pending DXM system offers a groundbreaking solution by enabling multiple image circles on a single sensor, effectively eliminating multi-sensor synchronization and latency issues. It supports multiple effective focal lengths (EFLs), F-numbers (F/#s), and spectral options, including the ability to capture separate RGB and IR channels on the same sensor.

Unlike other dual-channel solutions, DXM is highly configurable and scalable, accommodating nearly any lens and sensor combination.



DXM with SXM Technology Dev Kits

The possibilities are endless when the SXM™ and DXM™ technologies are combined: from rapid field-of-view (FOV) changes and technology demonstrators to fast prototyping and flexible SKU configurations.



DXM™ - Single-Sensor Stereo Vision

- Perfect Synchronization
- Reduced Noise
- Perfect Color Matching
- Simplified Processing
- Simplified Architecture
- Interchangeable Lenses

Unique Imaging Challenges require

Unique Solutions.



Consulting – Design – Manufacturing - Support

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