



PRESS

For Immediate Release

## **DXO LABS PARTNERS WITH STMicroelectronics TO DEVELOP REVOLUTIONARY DIGITAL AUTO-FOCUS CAMERA MODULES**

*Targeted primarily at the mobile imaging market,  
these solutions will leverage DxO Digital Optics technologies*

**Paris, France, February 8, 2007** – **DxO Labs** today announces a licensing agreement and a strategic cooperation with **STMicroelectronics** to develop and bring to market breakthrough imaging sensors and camera modules featuring **DxO Digital Optics**, a revolutionary embedded imaging technology.

A new generation of STMicroelectronics imaging modules will feature full auto-focus functionality without any motor or moving parts, enabling **DxO Digital Optics** fixed lens optics to deliver sharp images from a very short distance to infinity. The resulting products will initially target the high-end mobile imaging market (3 and 5 Mpix camera modules).

**DxO Digital Optics DAF EDoF Priority\*** is just one of the implementations enabled by DxO Digital Optics technology which is based on a unique co-design of optics and image signal processing. For cameraphone vendors, DxO Digital Auto-Focus is a more efficient alternative to traditional mechanical actuator-based auto-focus. It acts instantaneously, drastically shrinks module size, significantly reduces power consumption, and contributes to substantial cost reductions while providing better image quality even in very low light conditions.

One of the hot features long sought by cameraphone vendors is *extended depth-of-field (EDoF)*. Unlike traditional actuator-based auto-focus which tends to deliver limited depth of field, **DxO Digital Optics DAF EDoF Priority** provides a uniformly sharp image from the foreground to the background.

“Extending the depth of field of fixed focus high resolution camera modules while preserving image quality and keeping costs down is the dream of our industry. DxO Labs, with DxO Digital

Optics, has definitely the right technology to achieve this goal," says Philippe Quinio, STMicroelectronics' Imaging Division Marketing Director.

"We are very pleased to work with STMicroelectronics on DxO Digital Optics auto-focus-enabled products," adds Jerome Meniere, CEO of DxO Labs. "Recognized by the industry for their mastery of the entire embedded imaging chain, from silicon sensors to fully tested modules, STMicroelectronics is a great partner with whom to bring such advanced full camera module solutions to market."

*\* DxO Digital Optics DAF EDoF Priority = DxO Digital Optics Digital Auto-Focus Extended Depth-of-Field Priority*

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## About DxO Labs

DxO Labs offers products and solutions ensuring excellence in digital imaging. DxO Labs develops and licenses intellectual property serving the entire digital imaging chain: licensing of optics and silicon architectures for embedded still and video image processing; image quality evaluation and measurement tools and methodologies; image quality enhancement software for consumers. The company's key customers and partners include:

- Consumer electronics manufacturers such as digital camera vendors and cameraphones vendors;
- Imaging components suppliers: camera module manufacturers, sensor vendors, and processor vendors;
- Demanding photographers, as well as photography journalists and imaging experts.

DxO Labs' product portfolio is steadily finding a place at the heart of advanced consumer electronics and world-class industry imaging systems where **"Image Science by DxO"** becomes a reference for quality.

For more information, visit DxO Labs online at [www.dxo.com](http://www.dxo.com)

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