LYTRO

Company Fact Sheet

About Lytro

Lytro is transforming the camera into a powerful computational photography platform and making conventional cameras a thing of the past. The key innovation is "light field" technology, which captures all of the light rays in a scene to create interactive, living pictures. Light field technology enables unprecedented capabilities including the ability to focus after a picture is taken and immersive 3D viewing.

The company was founded in 2006 by Executive Chairman Dr. Ren Ng, whose research in light field photography won best PhD dissertation in computer science at Stanford in 2006 as well as the internationally recognized ACM award.

Light field technology

The light field is a core concept in imaging science that has been extensively researched for more than a century in academic environments. The light field is defined as all of the light traveling in every direction through a scene, from the foreground to the background and everything in between.

Until recently, light field cameras involved a roomful of hundreds of cameras tethered to a series of computers in a lab. Dr. Ng has dedicated more than six years to researching this science to bring the technology out of the lab and make it available for everyone.

For a deeper look at the technology, see the Lytro site and Dr. Ng's research.

Our products

In early 2012, Lytro introduced the first light field cameras to the consumer marketplace. Light field cameras are revolutionary in that they capture the entire light field, unleashing capabilities that were never before possible, including focusing a picture after it is taken.

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The Lytro cameras allow users to experience amazing capabilities including:

Shoot now, focus later. People are no longer delayed by having to focus their camera or disappointed when a picture turns out irreparably out-of-focus. Lytro pictures can be flawlessly focused to their liking – days, weeks, even years after they are taken.

Unparalleled speed. Since the camera doesn't focus before a photo is taken, people will no longer miss important moments due to autofocus shutter lag.

Living pictures. Lytro creates pictures that both the photographer and viewer can interact with when shared online on blogs, photo sharing sites, their favorite social media networks, etc. They can focus the foreground, background or the entire image simply by clicking on an area of detail. No software download is required.

Immersive 3D. Using the full light field, Lytro cameras allow people to easily switch between 2D and 3D views or shift the perspective of the scene.

Our funding

Lytro has raised approximately \$90 million to date from Andreessen Horowitz, NEA, Greylock Partners, North Bridge Venture Partners and K9 Ventures, along with individual investors.

Our board

Jason Rosenthal, President and CEO, Lytro
Dr. Ren Ng, Founder, Executive Chairman, Lytro
Patrick Chung, NEA
Ben Horowitz, Andreessen Horowitz
Jonathan Heiliger, North Bridge Venture Partners
Mike Ramsay, CEO, InVisioneer

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Our team

Lytro has assembled a world-class team of employees with expertise in light fields, computational photography, computer graphics, consumer product design, manufacturing, marketing and distribution.

The management team includes:

Jason Rosenthal, President and CEO

Dr. Ren Ng, Founder and Executive Chairman

Dr. Kurt Akeley, Chief Technology Officer

Mariana Antcheva, General Counsel

Omer Cohen, Chief People Officer

Dan Morgan, VP of Finance

Vanita Wells, VP of Customer Operations

Stan Jirman, Senior Director of Software Engineering

Todd Roesler, Senior Director of Hardware Engineering

Colvin Pitts, Director of Product Management

Our offices

Lytro is headquartered in Mountain View, CA, with additional operations in Hong Kong and Taiwan.