
QD Laser Announce Part 3 of “With My Eyes” Project supported by Sony

**Latest documentary short in series
depicts quest of Paralympic swimmer with low vision
to use laser retinal imaging camera to see inside ocean**

**To be launched Mar. 14, 2022, on YouTube and presented at
the QD Laser and Sony booths at the 37th Annual CSUN Assistive Technology Conference**

QD Laser Co., a company based in Kawasaki, Japan, that plans, designs, develops, manufactures, and sells semiconductor laser technologies and products that employ these technologies, will launch Part 3 of its ongoing “With My Eyes” project, which is designed to give people with low vision the means to see what they want to see. The latest documentary short, which was made possible with equipment and other support from Sony Corporation, will be released on Mar. 14, 2022. The same day marks the beginning of the 37th Annual CSUN Assistive Technology Conference in Anaheim, CA, where the documentary will be shown at both the QD Laser and Sony booths, along with a technical demonstration of QD Laser’s laser retinal imaging camera, the Retissa Super Capture.



■ Documentary Movie Overview

In this third installment of "With My Eyes," Kota Shimizu, a Paralympic swimmer with low vision, brings along the Retissa Super Capture retinal imaging camera on a trip to Okinawa. Using the camera, he sees with his own eyes the vast expanse of the sea and the colorful world that exists below its surface. Along the way, Kota also reflects on what it means to him to be able to see.

【Documentary Overview】

Release date: Mar. 14, 2022 (Monday)

Title: Discovering a World of My Own

Link: <https://youtu.be/lp6a5h6UfxA>

Participant: Paralympic swimmer Kota Shimizu

■ Story

[Journeying to Okinawa to see the sea](#)

Kota is familiar with the world inside the pool where he always swims. But “with a pool, you know where the water ends,” he says. “An ocean stretches for miles on end, and I want to know what it looks like inside such a vast expanse of water.” He decides to take a trip to see the ocean and prepares for it by using the Retissa Super Capture to help him check out beaches on his computer and buy clothes.

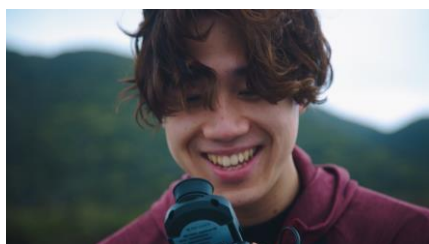
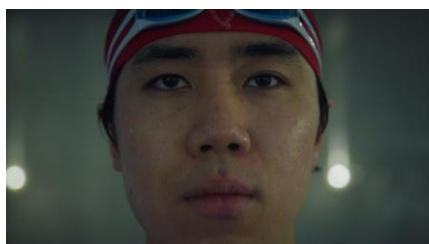
[Clearly seeing the vast expanse of the sea for the first time](#)

Kota arrives in Ishigaki Island in Okinawa. He eats local delicacies, goes shopping, and enjoys seeing things and scenery that he has never seen before. Kota confesses that, “Part of me is worried that there are some things that I’m better off not being able to see. My feelings about this are a bit complicated.” Yet, he is firm in his resolve, and he heads to the ocean. There, he uses the Retissa Super Capture to revel at the vivid colors of the never-ending sea.

[Making a choice—and being happy with it](#)

Kota paddles a kayak out to sea so he can view what it looks like inside the ocean. Using the Retissa Super Capture, Kota discovers an underwater world of colorful corals and tropical fish. “It’s an all-time top three experience,” he says. Kota reminisces about the first time he was diagnosed with his condition and how both him and his mother felt, while also contemplating what it means to see and about his future.

■ Scenes from the Movie



【Contact for inquiries from the press】

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■ Supporting Companies of the 3rd Installment of "With My Eyes"



SONY



A D A S T R I A
— *Play fashion!*

niko and ...



Ultimems, Inc.

AOI Pro.

● Managing Company



QD LASER

QD Laser, Inc.

Retinal imaging is a new type of laser display technology that draws an image directly on the retina using low-level laser beams. Following clinical trials in Japan and Europe, QD Laser has acquired medical device manufacturing and marketing approval in Japan for Retissa Medical, an assistive device for people with irregular astigmatism. The concept of the Retissa Super Capture came about through extensive interviews with people with low vision. Through the company's "With My Eyes" project—which enjoys the support of numerous companies—QD Laser hopes to provide both new worlds and new benefits to the 250 million people around the world who have low vision.

● Supporting Companies

SONY

Sony Corporation

Sony's Purpose is to "fill the world with emotion, through the power of creativity and technology." We value inclusive design for products and services, that embraces diverse users and incorporates various feedback. Sony aims to support the creative motivation of all creators and deeply supports this project, which expands opportunities for people with low vision to demonstrate their creativity by utilizing imaging technology. We strive for a future where everyone shares the moment, overcoming the limitations of age, physical conditions and environment by applying our technology to incorporate accessibility into our products and services.

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Japan Airlines Co., Ltd./ J-AIR Co., Ltd.

JAL Group strives to provide enriching and enjoyable traveling experiences to all customers. This is why we have actively invested in providing disability support services in airports and onboard our aircraft, as well as improving accessibility arrangements at our destinations. “With My Eyes” is an incredible project that can enhance the joy and wonder of travel for the visually impaired by providing them with the means to see what they want to see. The project deeply resonates with our purpose—creating a world where anyone can enrich their lives through travel. We will strive to continue ensuring the complete satisfaction of all our customers in every aspect of their journeys.

A D A S T R I A
—
Play fashion!

niko and ...

Adastra Co., Ltd.

Adastra strives to provide every customer with fashion options that can turn every day into a celebration. We promote a sustainability policy focused on ensuring that future generations will still get to experience the same joy and excitement we derive from fashion. “With My Eyes” shares a similar philosophy with our “Play fashion! For ALL” inclusive fashion project, which is why we were happy to provide one of our niko and... shops as a setting for Kota’s clothes shopping scene—especially when we found out Kota frequents the shop! We want to continue providing opportunities for all customers to enjoy fashion.



NEXTY Electronics

NEXTY Electronics Corporation

NEXTY Electronics strives to develop electronics technologies that can solve the many issues faced by society and in so doing enrich people’s lives. This goal reflects our corporate vision, “Serving as an innovation designer that can make the world more fun through electronics.” QD Laser’s efforts to provide enriching lives to people with low vision so they can live up to their full potential struck a strong chord with us. We support the “With My Eyes” project’s goal of creating a more joyful world and will assist in this endeavor in any way we can.

Ultimems, Inc.

Ultimems, Inc.

Ultimems is a Taiwanese firm that designs and develops MEMS mirrors and ASIC microcontrollers. We strive to continuously improve our technological prowess so we can provide new benefits to the world. By participating in the “With My Eyes” project for people with low vision, we hope to be able to apply our technologies towards assistive devices and other products that support people with a range of disabilities and help foster an environment that is kinder towards all people.

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AOI Pro.

AOI Pro. Inc.

AOI Pro. is video production company that primarily works in advertising. We were drawn to the “With My Eyes” project’s concept, which is to provide people with low vision with new technology that can allow them to discover new worlds; this strongly resonates with our philosophy of providing wonder and surprise through the visual worlds we capture with our cameras. We fully support this wonderful project and will continue assisting in any way we can.

■ With My Eyes

QD Laser launched the “With My Eyes” project with the goal of applying its laser retinal imaging technology towards providing a means to see what currently cannot be seen by the 250 million people around the world with low vision. With the support of other companies, QD Laser hopes to continue providing more opportunities to people with low vision and enrich their lives.

■ RETISSA SUPER CAPTURE

- Configuration: ① Digital camera, ② Laser projector, ③ Retinal imaging viewfinder
- Function: Visual support
- Selected for two years running for a Japanese government program designed to promote projects for developing assistive devices that can help people with disabilities become more independent
- Being field tested with major Japanese airlines



■ QD Laser, Inc.

QD Laser uses semiconductor laser technology to develop laser-based devices and laser-based eyewear. After being spun off from Fujitsu, the company received investment from medical-related companies such as Nikon and Santen Pharmaceutical, as well as venture capital firms. As part of its laser-based devices business, the company develops and sells various laser-based light sources. The company’s market is expected to expand in the laser-based products market, as well as in multiple growth fields such as LiDAR and drones. In addition, QD Laser is the only company to have successfully mass-produced quantum dot lasers, which are considered optimal light sources in silicon photonics—the next-generation in semiconductor manufacturing technology. In the laser-based eyewear business, the company has developed and sold retinal imaging eyewear for people with low vision. The company has been approved for manufacturing and selling medical devices in Japan; through collaboration with eyeglass stores and sales agents around the world, the company aims to sell 100,000 units in Japan and overseas. QD Laser is also promoting the application of AR for eyewear and the development of new optometers that utilize laser technology. The company was listed on the Tokyo Stock Exchange Mothers in February 2021.

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