

Retina Imaging Laser Eyewear

Eyewear to Support Low Vision

Advanced Technology

Demonstration Only

Customer Benefits

- People with Low-vision*1 can see clear digital images and improve QOL
- Read bulletin boards, magazines and books, and walk outdoors with the digital camera equipped
- Enjoy images and read with digital information devices like PCs, tablets and smart phones connected

The laser eyewear has a miniature laser projector inside the glasses frame which provides the wearer with digital image information using the retina as a screen. This eyewear works as a low vision aid due to its focus-free mechanism. By optimizing its function, design, and user interface under collaboration with the department of ophthalmology in medical universities and with educational institutions, QD Laser, Inc. plans to release commercial products by March 2016.

Principle

Labels: RGB laser beam, MEMS mirror, Reflective Mirror, Eye Ball, Retina scanning image

Laser Eyewear

Visual Impairment

Visual Field Defect

How to wear

*1: For example, refer to the web site of National Eye Institute of USA: <https://www.nei.nih.gov/lowvision>

Inquiry
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 website <http://www.qdlaser.com> for more detail <http://www.qdlaser.com/press20150302e/>