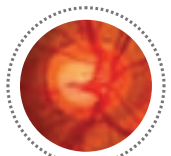
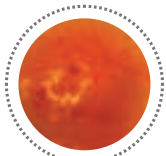


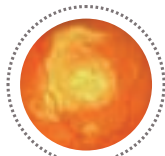
USED TO RECORD IMAGES AND VIDEO OF



GLAUCOMA



DIABETIC
RETINOPATHY



MACULAR
DEGENERATION



MACULAR HOLE



RED REFLEX

FEATURES



Portable ophthalmoscope able to capture images and video of the fundus oculi



Compact dimensions. Requires no external power



Non-invasive convenient ergonomic



Light contained. Eliminates corneal glare. Autofocus of the retina



Effective tool for screening processes and to improve the processes of collaboration between doctors and between departments



Screen anywhere and share by email e via LAN

ABOUT D-EYE COMPANY

Founded in 2015, D-EYE Srl offers a “digital eye” into the state of the human body. We design and manufacture mobile sensing and examination devices, along with companion applications, that enable mass health screenings and data collection to improve access to vital health examination services. Developed in part with a grant from the Fondazione Cottino and with support from the University of Brescia, incubator M31 and the subsequent investment of Innogest and Invitalia Ventures.



Available exclusively in the UK from Grafton Optical. For a quote or to arrange a demo please contact sales@graftonoptical.com or call us on 01923 233980.

www.graftonoptical.com



D-EYE™ SMARTPHONE-BASED
RETINAL SCREENING SYSTEM



INTRODUCING THE ONLY PORTABLE OPHTHALMOSCOPE CAPABLE OF RECORDING HIGH-DEFINITION IMAGES AND VIDEO OF THE RETINA



The innovative D-EYE Portable Retinal Imaging System easily attaches to a smartphone, creating an ophthalmic camera

capable of recording high-definition video and still images of the interior of the eye for health screening and evaluation.

The D-EYE organization fulfills the Quality Management Requirements of ISO 13485, FDA GMP and HIPAA Patient Privacy Standards:

- U.S. Food and Drug Administration - PJZ Ophthalmic camera regulation number 886.1120 class 2 510(K) exempt;
- CE - Medical Device Directive 93/42/CEE class I.

HOW YO USE IT

D-EYE converts your iPhone into a digital ophthalmoscope, capable of recording and transmitting high-definition photos and videos of the posterior of the eye for clinical assessment.

The D-EYE lens covers the camera aperture and LED light source of the smartphone to turn the phone into a retinal imaging tool. The examiner uses the D-EYE app on the smartphone display to enter patient information, focus the retinal camera, and record, archive, view and transmit images. D-EYE is easy to learn and simple to use. Download the smartphone app, affix the mounting bumper and fundus lens, set up patient/exam file, focus the phone's camera and begin recording. It's that easy, that simple.



IDEAL FOR RETINA IMAGE AND VIDEO RECORDING

The D-EYE can be used on both dilated and undilated eyes, depending on what the examiner is searching for.

| Undilated Eyes (up to a 6-degree field of view) | Dilated Eyes (up to a 20-degree field of view) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Optic Nerve <ul style="list-style-type: none"> - Glaucoma - Inflammatory and Infective Diseases - Ischemia - Malignant Systemic Hypertension - Neuropathies (Neuritis, Papilloedema) | <ul style="list-style-type: none"> - Branch Retinal Vein Occlusions - Central Retinal Vein Occlusions - Full Diabetic Retinopathy Screening - Peripheral Lesions - Retinal Detachments - All diseases viewable in undilated pupil |
| Posterior Pole <ul style="list-style-type: none"> - Grading Hypertensive Retinopathy - Macula Assessment - Red Reflex - Severe Grade Pathologies: <ul style="list-style-type: none"> Advanced Diabetic Retinopathy Age Related Macular Degeneration (depending on pupil size) Hemorrhages Retinal Detachments Retinitis Pigmentosa Vitreous Detachment | |

D-EYE DESIGNED FOR

