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The operator has an option to generate automatic pre-screen report using the conclusions from image analysis. User interface features are provided to capture patient demographics and health condition. The set of four eye images are automatically imported into the pre-screen report. The operator has an option to select and replace any of these images for inclusion.

Usage Considerations

Operators need to be familiar with basic eye anatomy, operational computer knowledge and sufficient soft skills to communicate with patients in local language. They need not be tech-savvy or have any advanced training on Ophthalmology as a paramedic.

The efficiency of the device in non-condusive rural environment is maintained with a rugged construction and design.

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An additional PC or a Laptop computer on the network, running the 3nethra software can be used India’s healthcare issues. We strongly believe that by "Democratizing Wellness”, we can play an active role in the addressing India’s healthcare issues.

We develop affordable technology solutions that can easily be used by a minimally trained technician thereby making health service accessible and scalable. We strongly believe that healthcare solutions for emerging countries have to be different and innovation led technology enterprise managed by very experienced professionals. We

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The salient features of 3nethra classic are:

- Cornea Imaging
- Retina Imaging
- Image Analysis
- Pre-screen Report
- e-consultation with Experts
- Patient History

The 3nethra classic is designed to include all those functions of a typical Fundus camera, a Slit lamp that are essential for a pre-screening.

The 3nethra classic incorporates an intelligent system that enables non-mydriatic screening and semi-skilled operation.

The 3nethra classic is an indigenous non-mydriatic camera, comprising an Imaging Unit and, an Operator Console.

The Imaging unit consists of a camera mounted on a stand for positioning the subject’s eyes for corneal and retinal imaging.

The Operator Console is an off-the-shelf Windows PC, running the '3nethra software', that aids in imaging, analysis and communication.

A minimal installation consists of a 3nethra Imaging Unit, a dedicated Operator Console System, connected over an USB-2.0 interface.

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Each patient is assigned a unique identity and all images of the patient are stored as one set corresponding to the patient’s visit. All patient image sets corresponding to multiple visits are stored as Electronic Medical Records.

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The images are captured using a 3 megapixel CMOS camera unit on a stand that enables the following:

- Pre-image Capture Adjustments
- Intensity Control, Gamma Mapping, Image Balance
- Focus Guidance
- Graphics to aid automatic capture of image when perfect focus is attained
- Post-image Capture Adjustments
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The 3nethra classic is a multi-function non-invasive ophthalmic imaging system, designed as a non-mydriatic camera to be operated by ophthalmic technicians.

- Its main objective is to complement the services of a cataract specialist, a diabetic retinopathy specialist and a glaucoma specialist into remote geographies, through the process of pre-screening.
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