### Specifications

<table>
<thead>
<tr>
<th>Imaging Modalities</th>
<th>Non-Mydriatic Color, Red Free and Fluorescein Angiography</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field of View</td>
<td>~40°</td>
</tr>
<tr>
<td>Minimal Pupil Size</td>
<td>3 mm</td>
</tr>
<tr>
<td>Diopter correction</td>
<td>-30D to + 30D</td>
</tr>
<tr>
<td>Illumination type</td>
<td>Annular Illumination (Patented Design)</td>
</tr>
<tr>
<td>Light Source</td>
<td>Live View: Infrared, Triggered Capture: Warm white &amp; Xenon Flash</td>
</tr>
<tr>
<td>Fixation Target</td>
<td>LED with flexible pointer</td>
</tr>
<tr>
<td>Working distance</td>
<td>33 mm</td>
</tr>
<tr>
<td>Image Sensor Max. res</td>
<td>18 Megapixels</td>
</tr>
<tr>
<td>PC Interface</td>
<td>USB 2.0</td>
</tr>
<tr>
<td>Power Supply</td>
<td>100 - 240V AC Mains with 12V, 15A External medical grade DC adaptor</td>
</tr>
</tbody>
</table>

Remidio is an innovative healthcare product company, based out of Bangalore, India. Remidio involves key stakeholders during the product development process - clinicians, patients, technicians and health workers, with a view to designing product solutions that work within the constraints of a developing nation context. Robustness for everyday on the field use, portability, and simplicity of use, differentiate the products that Remidio brings to market.

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Globally the number of people of all ages visually impaired is estimated to be 285 million, of whom 39 million are blind. More than 80% of this blindness is preventable with the use of appropriate imaging technologies, to screen the eye for Cataract, Glaucoma and Diabetic Retinopathy. Remidio has recognized this need for a single imaging device that can be used for both nonmydriatic imaging of the eye for screening as well as for diagnostic imaging. The Remidio Angio on Touch - enables high quality non mydriatic phototgraphy of the retina in pupils as small as 3 mm as well as dilated fundus imaging with fluorescein angiography - with an image quality validated against TOPCON TRC50Dx and Zeiss FF450 - the gold standard.

**Process**

1. Dilate the pupil
2. Injects the dye to the arm and simultaneously captures the images

- 7-12 sec Arm to retina (ONH)
- 9-10 sec Choroidal flush, cilio-retinal artery
- 10-12 sec Retinal arterial phase
- 13-15 sec Arterio Venous
- 5-15 min Late phase
- 18-20 sec Late venous phase
- 16-17sec Venous

**Features**

- APSC sensor based high quality device
- Superior Optical design using annular illumination
- Xenon Flash based design with imported optical lenses & filters

**Benefits**

- High dynamic range images of the Retina on par with High end Fundus Camera Devices
- Reduced corneal reflections unlike other FFA devices using Spot illumination
- Ability to view tertiary vessels during FFA & Late phase in Cataract cases
- Unique optic design with no moving parts
- Infrared live view
- Touch Sensitive Control Panel

**Cost Efficient**

- Simple to use & highly reliable with no movable parts and hence no maintenance

**User Friendly**

- No strain to patients eye, unlike the traditional Fundus Cameras using White light for live view
- Intuitive for adjusting the Live view & Flash intensity levels

**Montage**

**Hi-Clarity Images of Retina**