

# ReSeeVit™ elite HR

## Digital Camera



### Features

- Still image capture
- Streaming Video Clips
- No capture or video board required
- Windows XP Pro (32-bit), Windows 7 Pro (32-bit) compatible
- Customized reports and image print out
- Easy-to-use software design
- Telemedicine ready
- Image manipulation tools
- Can retrofit with most slit lamps
- Measurement features – in mm's
- Annotations
- Integration with retinal imaging and corneal wavefront topography, tomography, and specular microscope
- Image quality so amazing you can see endothelial cells
- Records measurement in an archive feature, i.e. pupil diameter, corneal diameter



The **elite HR's Digital Camera** is specially engineered from the ground up to be used on a biomicroscope. Unlike most ophthalmic manufacturers, which start with an off the shelf camera, the elite has proprietary features that make it excel above and beyond our competitors.

The **elite HR's** innovative white-balance algorithm reduces noise levels, increases the sharpness, optimizes the dynamic and chromatic gamma and adjusts the white balancing before saving data. This results in a perfect color matching, with vivid and natural colors, rich tone gradations and excellent tiny details reproduction. It's high SNR (signal-to-noise ratio) with a high performance CCD sensor provides perfectly balanced image resolution.

136 W. Orion Street | Suite 3 | Tempe, Arizona | 85283  
TOLL FREE: 800.447.7511 | [www.voi2020.com](http://www.voi2020.com)



The **elite HR's** strongest features are its ability to retro-fit onto many of the existing slit lamps already in the marketplace and interface with ReSeeVit™ Total Solution Software. This software is designed to manage all of your digital imaging needs. Based on a powerful database, it stands out in the crowded ophthalmic digital imaging market.

## Camera Specifications

### Gamma Correction

The **elite HR** camera applies a Gamma-correction algorithm in real-time inside the camera to adjust the brightness of the monitor to that of each pixel. Our algorithm is a modified standard to reduce the noise at the border of the range of the brightness.

### Selective Sharpness

The selective-sharpness algorithm provides a perfect exposure, by automatically adjusting the gamma-curve and the settings for the color balance. Brightness and contrast are automatically adjusted in real time. Selective-sharpness effect is to emphasize details without adding any noise in the parts without borders.

### Auto Shutter Function

Individual image variations are detected by the camera in "1/3 frame" time, which provides a fluid compensation.

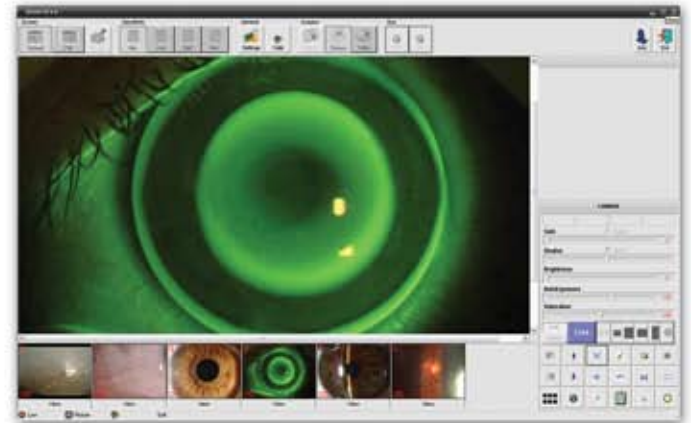
### High Dynamic Aspect

This ensures sharp images in special environments including:

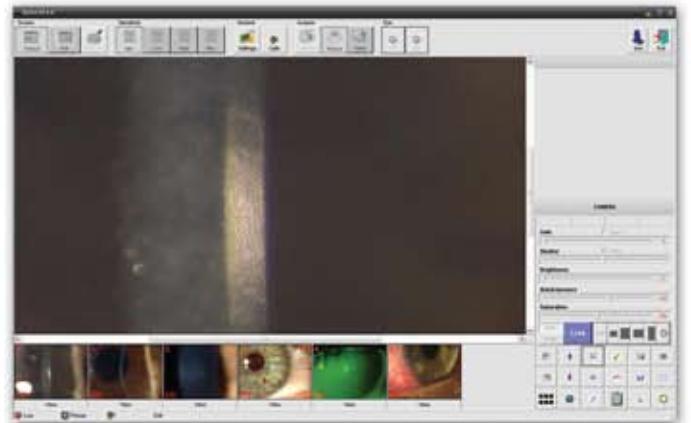
- High magnifications
- Critical light conditions
- Fluorescein
- Low light levels



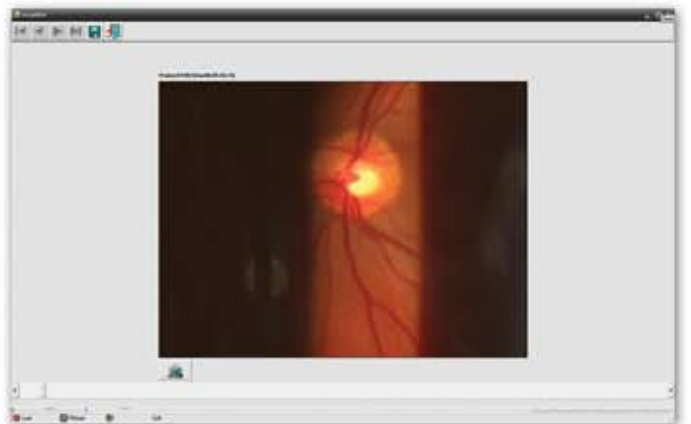
Crisp multi-dimensional image quality



View vivid, vibrant fluorescein patterns



Capture endothelial images with slit lamp



Video clips with ReSeeVit™ Splice Technology



136 W. Orion Street | Suite 3 | Tempe, Arizona | 85283  
TOLL FREE: 800.447.7511 | [www.voi2020.com](http://www.voi2020.com)