

Better Vision  
Better Results

## Firefly DE608

### 4K Resolution General Exam Camera



#### BETTER THAN HD

Go beyond 1080p with the DE608's 4K camera sensor. With a maximum resolution of 3840x2160, this device delivers crystal clear, live video.

#### VARIABLE FOCUS

Whether you're viewing a questionable mole, a patient's throat, or a subject 15ft away, the DE608 can easily focus on distant and up-close targets. On contact the viewing area is 27mm x 38mm - Perfect for dermoscopy!

#### 16 LEDs

Provides maximum brightness to produce top quality imaging and exams.

#### EASY INTEGRATION FOR TELEHEALTH

The DE608 uses standard webcam drivers, which means integration is easy! Just plug the general exam camera into an available USB port and switch the live feed.

- **4K Resolution**
  - 3840 x 2160
- **16 LEDs with Controllable Brightness**
- **Variable Viewing Distance**
  - Torso
  - Portrait
  - Oral/Skin
- **Records pictures and video**
- **Built in polarizer for dermoscopy**
- **Easily integrates with telemedicine solutions**

This cutting-edge, digital, polarizing general examination camera is ideal for healthcare professionals and telemedicine deployments where close-up skin inspections or general examinations are essential. Images recorded with the DE608 are compatible with EMR (Electronic Medical Records) and are excellent for patient education. Unlike other digital scopes at premium prices, the DE608 delivers these capabilities - and much more - at a highly economical cost.

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## DE608

### Technical Details

|                           |  |
|---------------------------|--|
| Sensor Resolution         | Ultra high-resolution 4K<br>3840 x 2160  |
| Magnification             | Up to 50x optical magnification  |
| Lens Assembly             | 3-Layer Glass, 650nm cutoff<br>Integrated Polarizer with variable<br>settings                |
| Video                     | Format: MJPG<br>Frame rate: 30 FPS   |
| Video/Image<br>Properties | Color: Hue, Saturation<br>Exposure: Brightness, Contrast<br>Image: Sharpness, Gamma          |
| Image / Video Files       | JPG / BMP / TIFF / AVI   |
| Lighting                  | 16 Ultra-Bright LEDs<br>4 Brightness Settings  |
| Dimensions                | 19.5cm length<br>5cm diameter (nose cone)<br>3.5cm diameter (body)<br>180cm cable            |
| Interface                 | USB 3.0  |
| Software                  | Scalable Window, Zoom, Freeze,<br>Selectable Resolution, Image<br>Recording, Video Recording |
| Operating Systems         | Windows 10, 11<br>iPad 17 and higher (with compatible<br>3 <sup>rd</sup> party software)     |
| Warranty                  | 1 Year Limited Warranty  |

### SOPHISTICATED

#### SOFTWARE INCLUDED

DE608 is controlled directly with the FireflyPro professional image processing software which is bundled with the camera. This state-of-the art software enables users to capture, store, recall, and view images and videos in real time. Its intuitive interface empowers users to get right to work anytime and anywhere.



### POWERFUL MAGNIFICATION AND POLARIZATION

DE608 empowers healthcare professionals with a whole new perspective. Its advanced technology can quickly provide a high-resolution image into even the smallest areas of interest.

### ADVANCED IMAGING TECHNOLOGY

Managing incoming light is a tremendous challenge in microscope design. Reflections and lighting leaks can easily pollute the sensor, resulting in overexposure and washed-out images. Firefly effectively reduces overexposure by employing a proprietary lens assembly design and highly efficient image processing algorithms.

This highly efficient overexposure management technology enables Firefly to use 16 ultra-bright LEDs to their fullest effect. Objects under observation are brightly illuminated without undesirable side effects.

Sophisticated image processing algorithms are ineffective without strong depth perception and a clear image. Firefly DE608 is equipped with multi-layer glass lenses rather than plastic alternatives, thus delivering superb focal depth and crystal-clear images.



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