

Firefly DE605 QHD General Examination Camera

www.telemedicinesupply.com

BETTER THAN HD

Go beyond 1080p with the DE605's 5MP camera sensor. With a maximum resolution of 2592 x 1944, 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 DE605 can easily focus on distant and up-close targets. On contact the viewing area is 20mm x 25mm - Perfect for dermoscopy!

16 LEDs

Provides maximum brightness to produce top quality imaging and exams.

EASY INTEGRATION FOR TELEHEALTH

The DE605 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.



- **Quad HD Resolution**
 - 2592 x 1944
- **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 DE605 are compatible with EMR (Electronic Medical Records) and are excellent for patient education. Unlike other digital scopes costing thousands of dollars, the DE605 delivers these capabilities - and much more - at a highly economical cost.

Better Vision Better Results



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 DE605 is equipped with multi-layer glass lenses rather than plastic alternatives, thus delivering superb focal depth and crystal-clear images.

DE605

Technical Details

Sensor Resolution	2592 x 1944
Magnification	Native Optical: 15x – 50x Digital: 15x – 150x
Lens Assembly	3-Layer Glass, 650nm cutoff Integrated Polarizer with variable settings
Video	Format: MJPG, YUY2 Frame rate: Up to 30 FPS
Video/Image Properties	Color: Hue, Saturation Exposure: Brightness, Contrast Image: Sharpness, Gamma
Image / Video Files	JPG / BMP / AVI
Lighting	16 Ultra-Bright LEDs 4 Brightness Settings
Dimensions	19.5cm length 5cm diameter (nose cone) 3.5cm diameter (body) 180cm cable
Interface	USB 2.0
Software	Scalable Window, Zoom, Freeze, Selectable Resolution, Image Recording, Video Recording
Operating Systems	Windows 7, 8.1, 10 Mac OS-X 10.4 or higher
Warranty	1 Year Limited Hardware Warranty

SOPHISTICATED

SOFTWARE INCLUDED

DE605 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, view, manipulate and measure images and videos in real time. Its intuitive interface empowers users to get right to work anytime and anywhere.



POWERFUL MAGNIFICATION AND POLARIZATION

DE605 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.

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