

# The future of medical examinations... today

The TotalExam™2 Examination Camera is an NTSC video version for domestic use. Its onboard LED lighting carousel provides three white light intensities that require no more than two and a half watts of electricity. The three settings help acquire the very best images possible of skin, eyes and throat.

## One camera, many features

GlobalMedia designed TotalExam to be easy to use and easy to hold. This multi-purpose examination camera has wide applications both in and out of healthcare. Its medical applications cover a number of modalities: primary care, emergency medicine/trauma care, dermatology, ophthalmology, pediatrics and wound care. It is an excellent device to document abuse. Since it is an S-video camera, TotalExam can work with any hardware codec (i.e., Polycom®, TANDBERG, LifeSize®, Vido®), etc.) or connect with a PC or Mac computer (using the USB Live! 2.0™ Interface). It is a manual focus camera, enabling the user to fine-focus on a specific area, surface or feature from 2.5 centimeters to infinity. TotalExam automatically white-balances.

## Small and simple

In addition, this very portable, light-weight and easy-to-use camera provides crystal clear images required in the educational life sciences, autopsies and industrial product and quality control applications. Using TotalExam in conjunction with GlobalMedia's CapSure® Image Automation software solution, healthcare providers can manage patient medical images within the most popular EMR (electronic medical record) system and the pan-Canadian Interoperable Electronic Health Record (iEHR) system. The camera produces live video that can be forwarded to a remote computer via videoconferencing software. CapSure can be used to acquire freeze frames to store and forward as well.

# CALL NOW!

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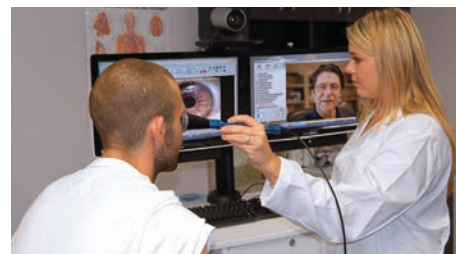
Available on



Works with your PC or Mac and on most popular video codecs including:



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## TotalExam™ 2 Camera

- Vastly superior signal-to-noise ratio – for far greater color with less video noise (comparable to that of CCD cameras).
- Anti-aliasing algorithm – smoothes out edges of images for improved clarity.
- Superior low light sensitivity – captures superior images in low light conditions
- Built-in micro-controller – all algorithms are now micro-controlled for more precise color, contrast and sharpness of the whole image
- Conduct evaluations, consultations and training from any Internet-connected PC or videoconferencing system
- Save time and money through remote patient consultations
- Intelligently designed for compact travel
- Undeniable Value™

# TotalExam™ 2

## Handheld Examination Camera

Seeing and capturing high-quality images has never been easier! The TotalExam™ 2 Camera answers the need for high-quality digital imagery for a wide variety of medical and scientific applications.

## SPECIFICATIONS

<b>Dimensions:</b>	140 mm long x 20 mm diameter
<b>Weight:</b>	~8oz.
<b>Magnification:</b>	System magnification of 4x to 40x
<b>Polarization:</b>	Software controlled
<b>Zoom:</b>	Software application controlled
<b>Pixels:</b>	1,379,168 from a 1/3" CMOS Sensor - .370 Mega Pixels
<b>Active Resolution:</b>	525 vertical lines (NTSC)
<b>Signal to Noise Ratio:</b>	Greater than >44dB
<b>Output Interface:</b>	S-Video or USB2 when used with USB Live! 2.0 Interface
<b>Output Format:</b>	RGB24 or YUV4:2:2 color space when using CapSure®
<b>Integrated Freeze-Frame:</b>	Push-button and software controlled
<b>Color Adjustments:</b>	Color balance
<b>Electronic Exposure Control</b>	
<b>EIR:</b>	Electric Iris Controlled
<b>Lighting:</b>	Patent-pending MDF 2 lighting carousel using 4 white LEDs
<b>Operating Temperature Range:</b>	0 – 40 degrees Celsius
<b>Operating Humidity:</b>	Less than 90%
<b>Power Consumption:</b>	No more than 2.5 watts
<b>Voltage Range:</b>	5 VDC
<b>Lens:</b>	F2.8 FineGrid housed in the Multi- Depth-of-Field-Focus (MDF2) Lighting Carousel



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Innovative Telemedicine™

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