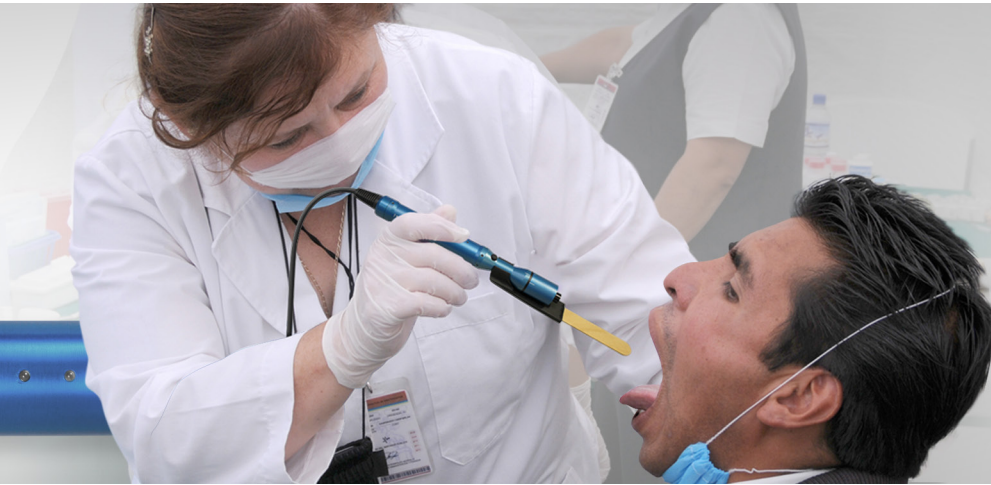
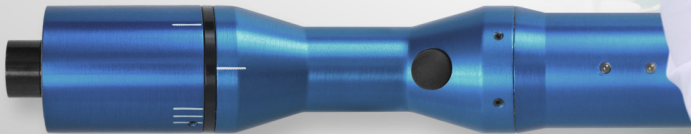


## TotalExam™ 2

Handheld Examination Camera



### One Camera, Many Benefits

GlobalMed's TotalExam Examination Camera is unique to the telemedicine market in that it is a small, lightweight compact camera that delivers high-resolution digital images. It enables the user to stabilize the camera for clear, detailed, close-up images of patients' skin, throat and eyes.

- TotalExam is so lightweight, it can be easily operated using one hand.
- The camera can operate as an S-Video device that plugs directly into a codec for users of telepresence systems.
- With included USB Live! 2.0 adapter, the camera can also be plugged into a PC for situations where a telepresence system is not in use.
- Automatic color-balance eliminates need for manual white balance.
- The freeze frame button for capturing still images is conveniently located for fast easy access during an exam, which reduces blurring and increases efficiency.
- The manual focus allows user to focus directly on the area of concern, rather than dealing with the hassle of an autofocus camera that overrides user control.
- On-board LED light carousel allows for extreme close-ups in dimly-lit area. LEDs have three white light intensities with 100,000-hour life.
- Available in both NTSC (USA) and PAL (International) versions. PAL versions include a Woods Lamp with two ultraviolet light settings.

### Added Features

TotalExam has added features to enhance patient examinations.

- Superior signal-to-noise ratio provides far greater color with less video noise. Examination images have truer to life color to aid in assessment.
- Improved optics add to existing performance in low-light conditions, increasing areas where the camera can be used.
- Digital features added for precise color, contrast and sharpness of the whole image, further aiding in assessment.

### Intelligent Functionality

GlobalMed designed the TotalExam Camera to provide superior images, lightweight transport and durability. It also has added features for improved efficiency.

- Focus adjustment presets enable rapid use specifically for skin, eyes and throat while also allowing for context images from four-to-five feet away.
- The camera is the size of a dry erase marker which allows for easy, compact transport.
- Included derm hood allows attachment of disposable touch collars that assist in capturing non-blurry images while maintaining a clean surface.
- Included Tongue depressor adaptor accepts standard tongue depressors for oral examinations.



Available on



# TotalExam™ 2

## Handheld Examination Camera

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



Dimensions:	140 mm long x 20 mm diameter.
Weight:	~8oz.
Magnification:	System magnification of 4x to 40x.
Polarization:	Software controlled.
Zoom:	Software application controlled.
Pixels:	1,379,168 from a 1/3" CMOS Sensor. - .370 Mega Pixels.
Active Resolution:	525 vertical lines (NTSC).
Signal to Noise Ratio:	Greater than >44dB.
Output Interface:	S-Video or USB2 when used with USB Live! 2.0 Interface.
Output Format:	RGB24 or YUV4:2:2 color space when using CapSure®.
Integrated Freeze-Frame:	Push-button and software controlled.
Color Adjustments:	Automatic white balance.  Electronic Exposure Control.
EIR:	Electric Iris Controlled.
Lighting:	Patent-pending MDF 2 lighting carousel using 4 white LEDs
Operating Temperature Range:	0 – 40 degrees Celsius.
Operating Humidity:	Less than 90%.
Power Consumption:	No more than 2.5 watts.
Voltage Range:	5 VDC.
Lens:	F2.8 FineGrid housed in the Multi- Depth-of-Field-Focus (MDF2) Lighting Carousel.
Storage temperature:	-30C - +100C
Operating conditions:	0C - +40C
Usable operating conditions:	-20C - +55C



Available on

