

# NEWS RELEASE

## Toshiba Imaging Systems Division

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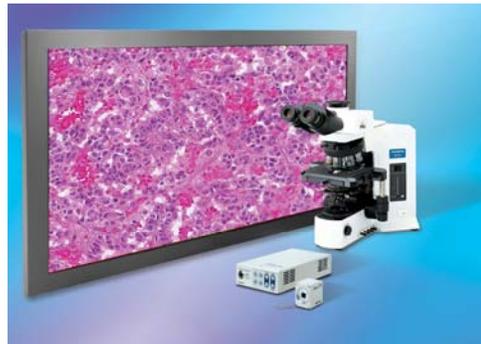
## Toshiba Imaging Partners with Olympus Canada to Offer New High Definition Clinical Microscopy System

**MAY 12, 2008 – Irvine, CA – Toshiba Imaging Systems Division**

([www.cameras.toshiba.com](http://www.cameras.toshiba.com)), a leader in advanced 3CCD color video imaging, is partnering with Olympus Canada ([www.olympuscanada.ca](http://www.olympuscanada.ca)) to offer a new tool for clinical pathology and teaching, the **High Definition Synergy-HD**

### **Microscope Imaging System.**

After testing and evaluation of a number of systems, Olympus chose to integrate Toshiba's new ultra-compact IK-HD1 3CCD HDTV camera with its line of clinical microscopes that feature objectives and optics which are well suited for digital imaging. The system, which includes a hi-def, wide screen 42" or 47" 1080p LCD monitor, delivers video imagery in real time, displaying the entire slide at all ROIs and magnifications. Toshiba's camera and proprietary 3-chip prism block technology offers 1920 x 1080 pixel resolution at 30 frames per second with superb color reproduction, contrast and image detail without binning, image jitter or video lag.



With the new HD format, the microscopy system offers exceptional detail, contrast and brightness even at low 2X / 4X magnifications where clinical screening and margins are performed. The image processing electronics in the HD camera system offers superior signal-to-noise ratio and unprecedented color image detail. A wide variety of adjustments, including the creation of custom color matrices and other user settings, is available via the compact, easy-to-use camera control unit.

The commercial LCD display has a high refresh rate of 8 ms with superior broadcast quality HD-SDI video format of 1.4 Gb/s data rate. With high brightness and 60,000 hours of back light life span, the HD 1080i LCD display offers high contrast images that are viewable from any angle.

Depending upon the need, an additional PC with an HD-SDI frame grabber can be added, allowing digital capture of the HD images at full 1920 x 1080 pixel resolution. The frame grabber allows simultaneous viewing of the microscopy slide image on the LCD monitor, making it ideal for tumor boards and clinical rounds as well as various medical and life science teaching environments.

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**Toshiba Imaging Systems Division** (Irvine, CA) is the premier supplier of high quality video cameras for machine vision, R&D and scientific applications. Advanced video imaging technology and high resolution cameras such as Toshiba's 3CCD color cameras and their remote head camera family has earned Toshiba America's Imaging Systems Division the

distinctive reputation for offering the most advanced imaging solutions to the industrial and scientific communities. Visit [www.cameras.toshiba.com](http://www.cameras.toshiba.com) for more information.

**Olympus Canada**, part of Tokyo-based Olympus Corporation ([www.olympuscanada.ca](http://www.olympuscanada.ca)), provides sales and service for Olympus products in the medical, surgical, scientific and industrial markets in Canada. The company's mission is to serve the Canadian healthcare and commercial laboratory markets with integrated product solutions. Educational and consulting services team with the company's commitment to improving efficiencies in the healthcare system, providing customers with exceptional results and giving patients greater access to life-saving diagnostic procedures and treatments. For more information, please email: [Tedd.Kelemen@olympus.com](mailto:Tedd.Kelemen@olympus.com).