

NEWS RELEASE

Toshiba Imaging Systems Division

5241 California Ave., Suite 100
Irvine, CA 92617

Contact: Gary Pitre

Email: Gary.Pitre@toshiba.com

Phone: (810) 357-5022

Website: www.toshibacameras.com

Media Contact: Marlene Moore

Smith Miller Moore / 818-708-1704

Email: Marlene@smithmillermoore.com

For Immediate Release

Toshiba Imaging to Introduce Ultra-Compact, Full HD Video Camera with USB 3.0 at 2018 SPIE BiOS & SPIE Photonics West

- New **JCS-HR5U HD Video Camera** will premiere at Toshiba America's BiOS booth #8310, Jan. 27 - 28 and Photonics West booth #4144, Jan. 30 - Feb. 2, 2018.

IRVINE, Calif. - January 25, 2018 – Toshiba America Information Systems' (TAIS) Imaging Systems Division (Irvine, CA - www.toshibacameras.com) introduces

the **JCS-HR5U**, an ultra-compact (approx. 1.75" x 1.75" x 3"), CMOS HD video camera designed especially for clinical microscopy and scientific imaging. The single-piece,

full 1920 x 1080 high-definition video

camera simultaneously displays through dual HDMI® and USB 3.0 outputs to both a monitor and PC in real-time, full motion

60 frames per second (fps), allowing live view and convenient image capture and video streaming through a PC. Outputs

include USB 3.0 (1080p at 59.94 fps theoretical max.) and HDMI image output (1080p/1080i at 59.94 Hz, max.). The

JCS-HR5U camera is ideal for microscopy imaging applications that require extremely low noise, high sensitivity, and exceptional

color accuracy. A comprehensive settings menu allows for dynamic controls for gamma correction, edge enhancement, a 12-color matrix adjustment and other camera parameters to optimize the video display under a wide range of lighting conditions and target samples.

The new camera features 1/2.8-inch, progressive-scan, color CMOS sensor, a C-mount lens mount, and HDMI and USB 3.0 (UVC1.1 compliant YUV4:2:2). F10 standard sensitivity at 59.94 Hz, 2000lx is nearly equivalent to three-chip cameras and resolution of 750TV lines provides exceptional clarity.

A comprehensive settings menu allows for dynamic controls for gamma correction, edge enhancement, a 12-color matrix adjustment and other camera parameters to optimize the video display under a wide range of lighting conditions and target samples.

The new camera features 1/2.8-inch, progressive-scan, color CMOS sensor, a C-mount lens mount, and HDMI and USB 3.0 (UVC1.1 compliant YUV4:2:2). F10 standard sensitivity at 59.94 Hz, 2000lx is nearly equivalent to three-chip cameras and resolution of 750TV lines provides exceptional clarity.

The new camera features 1/2.8-inch, progressive-scan, color CMOS sensor, a C-mount lens mount, and HDMI and USB 3.0 (UVC1.1 compliant YUV4:2:2). F10 standard sensitivity at 59.94 Hz, 2000lx is nearly equivalent to three-chip cameras and resolution of 750TV lines provides exceptional clarity.



Toshiba Imaging will premiere the JCS-HR5U camera at BiOS in North Hall booth #8310, Jan. 27 - 28, and at Photonics West in North Hall booth #4144, January 30 - Feb. 1, 2018, at Moscone Center, San Francisco. To learn more about the remarkable HD video camera for live tissue imaging and microscopy applications, please call: 810-357-5022, or go to: www.toshibacameras.com.

ABOUT THE COMPANY:

Toshiba America Information Systems, Inc. (TAIS), Imaging Systems Division (Irvine, CA), is the exclusive representative within the Americas for video camera technology developed and manufactured by Canon Medical Systems Corporation (CMSC) in Japan. In 2016, Toshiba Corporation transferred its video camera business to Toshiba Medical Systems Corporation, a Canon Group Company, which recently rebranded its name to CMSC. TAIS provides a convenient single point of contact for the video camera products and supports all sales, quality, regulatory, and technical service needs. Together, CMSC and TAIS are technology leaders for their ultra-compact, exceptional performance, high definition (HD) and Ultra-HD 4K 3-CMOS color video cameras and economical single-chip HD cameras. All camera configurations, customized video solutions, and related accessories are accompanied by TAIS' responsive, personalized sales approach and comprehensive tech support. TAIS distributes its innovative camera technologies to original equipment manufacturers, integrators, and authorized distributors for the medical, scientific, industrial, defense, and manufacturing markets. More information about the various camera configurations is available at www.toshibacameras.com.