

## CANON CANADA INTRODUCES NEW REALiS WUX6000, EXPANDING THE REALiS PRO AV INSTALLATION LCOS PROJECTOR LINE UP

*Canon's New Flagship Model Delivers WUXGA High Resolution, 6000-Lumen Brightness, LCOS Technology, and Multiple Genuine Canon Projection Lens Options for Imaging and Installation Versatility*

**MISSISSAUGA, ON., October 16, 2014** – Canon Canada Inc., a leader in digital imaging solutions, announced today the new high brightness REALiS WUX6000 Installation LCOS projector, designed for professionals seeking a balance of outstanding picture quality and performance and excellent price for medium-to-large display environments. Featuring LCOS Technology with Canon's unique AISYS-enhancement (Aspectual Illumination System), the Canon REALiS WUX6000 Installation projector is built to deliver native WUXGA (1920 x 1200) high resolution still-and-motion images with intricate detail, accurate colour, and high contrast (up to 2000:1). This new projector offers multiple image-mode settings and adjustments, a choice of optional Genuine Canon projection lenses to match a variety of screen sizes and installation environments, motorized lens shift for easy positioning and projection from multiple angles. The new projector also features extensive connectivity (including HDMI, DVI-I, and RJ-45), leading network interfaces, excellent burn-in resistance for long periods of continuous projection, and low-power consumption.

### **DICOM**

A separate model, the REALiS WUX6000 D Pro AV Installation LCOS projector, is also available with all of the same features as the REALiS WUX6000 plus a special DICOM Simulation Mode for displaying monochrome digital X-rays, CAT scans, and MRIs with superb grayscale gradation. This unique mode, which offers both clear and blue base colour temperature presets, simulates the results of devices compliant with the Digital Imaging and Communications in Medicine (DICOM) Part 14 standard\*. This feature makes the REALiS WUX6000 D ideal for those in the medical education and training fields, or other specialized applications like black and white photography where an expanded range of gamma adjustment is required.

### **Imaging Choices**

Equipped with a powerful new image processing engine the new Canon REALiS WUX6000 Installation LCOS projector can display many different types of video and computer signals with precise colour, deep blacks, and virtually blur-free movement. Given the wide range of image-origination and image-viewing formats, the WUX6000 projector offers extensive image quality and colour adjustments to suit user preferences. This includes seven different pre-set Image Modes, nine Colour Adjustment modes, and ten Advanced Image Adjustments for helping to optimize image reproduction. In addition, Advanced Professional Calibration Settings are included to support customized installations. These include Edge Blending to combine the displays of two Canon REALiS WUX6000 units into a seamless, extra-wide projection. Additionally a Picture-by-Picture feature enables two high-quality images from two digital inputs (via DVI and HDMI) to be projected simultaneously side-by-side in one letterboxed image. With the REALiS WUX6000 D, users can choose between viewing DICOM SIM monochrome images and sRGB colour images side-by-side to enhance the learning experience.

## **Projection Flexibility**

Further contributing to the versatility of the new Canon REALiS WUX6000 Installation LCOS projector are its multiple optional high-resolution interchangeable Genuine Canon projection lenses to meet the needs of a wide range of installation environments ranging from 40 inch to 600 inch image sizes. These include a Fixed Ultra Wide Angle Lens (0.80:1), and a Wide Zoom (1.0 - 1:5:1), 1.5x Standard Zoom (1.49 - 2.24:1), 1.7x Long Zoom (2.19 - 3.74:1), and a 1.95x Ultra Long Zoom (3.55 – 6.94:1). Four of the lenses feature a motorized zoom and focus, and each is designed to help minimize brightness loss between their wide- and tele-ends. All lenses are the same physical length to avoid overhanging in lift systems.

The projector also includes a motorized lens-shift feature for easy position adjustment of the projection area via remote control. A new Lens Position Memory function further adds flexibility by enabling users to store up to four lens position settings, making it easy to switch between various projector set-ups. Memorized items include zoom, focus, lens shift, keystone, aspect ratio, screen colour, and digital image shift.

Advanced installation features to help optimize projection quality include four-point keystone correction to independently adjust each corner of the image, and up-to-27 test patterns to facilitate calibration and adjustment during installation. Screen adjustment options include: a screen colour setting to adjust the colour balance according to the colour of the projection surface, digital image shift to move the image horizontally and vertically, and support for 16:10, 16:9, and 4:3 aspect ratios.

The design of the new Canon REALiS WUX6000 Installation LCOS projector allows for 360-degree installation for projection at any angle, which can be an ideal and handy feature for tradeshow, theatrical events, museum, and amusement applications. To help maximize lamp life, this 360-degree installation includes a Vertical Projection Mode. Fan speed is adjusted depending on whether the projector is facing upward or downward. The REALiS WUX6000 projector can also be stacked or installed side by side in multi-projector configurations.

## **Versatile Connectivity and Networking**

In addition to its HDMI<sup>®</sup> and DVI-I connectors, the new Canon REALiS WUX6000 Installation LCOS projector also features a USB Type A port, Component (Mini Dsub15), stereo audio inputs, and an audio output for connecting to external speakers or a sound system. The projector also includes a built-in five-watt speaker and a mini-jack for connecting an optional hand-held wired/wireless remote controller.

Industry-standard control and networking inputs include RJ-45 and RS-232 serial connection enabling authorized users to manage and control the projector from any PC or third-party control system like Crestron or AMX. The REALiS WUX6000 projector also supports PLink for networked projector control and monitoring of lamp hours, usage, and other variables.

A built-in Network Multi Projection (NMPJ) function enables the Canon REALiS WUX6000 to project the output of one or more locally or remotely networked PCs. Four NMPJ modes enable selective sharing of visual information – they include Direct (1 PC to 1 projector), Meeting (10 PCs to six projectors), Classroom (10 PCs to six projectors), and Broadcast (1 PC to 12 projectors).

## **Economy and Convenience**

The improved reflectivity of the LCOS panels used in the new Canon REALiS WUX6000 Installation projector helps increase the projector's energy-saving "Eco" performance by delivering more efficient luminance from Canon's previous installation models. The projector employs a lower power consumption rating of 0.076 watts per lumen (455w/6000lm) as compared to other projectors in this product class. The REALiS WUX6000 projector also offers multiple power management settings that allow users to pre-set stand-by durations, execute power operations, and auto-assign functions to the power button. A simplified maintenance design allows the air filter and lamp to be replaced while the projector remains ceiling-mounted.

### **Price and Availability**

The Canon REALiS WUX6000 and REALiS WUX6000 D Installation LCOS projectors have suggested list prices of \$4,699.99 and \$5,199.99 respectively and are scheduled to be available through authorized Canon dealers in November 2014. Both models are backed by Canon Canada's Projector and Lamp Limited Warranty.

For more information please visit [www.canon.ca](http://www.canon.ca).

### **About Canon Canada Inc.**

Headquartered in Mississauga, Ontario, Canon Canada Inc., a wholly owned subsidiary of Canon USA, is a leading provider of consumer, business-to-business and medical digital imaging solutions. Innovation and cutting-edge technology have been essential ingredients in Canon's success. Canon Canada Inc. is committed to the highest level of customer satisfaction and loyalty, providing 100 per cent Canadian-based service and support for all of the products it distributes. Canon Canada Inc. is dedicated to its Kyosei philosophy of social and environmental responsibility. Canon Canada's Professional Printing Solutions Group (PPSG) is the leading provider of printing solutions for professionals including digital presses, high speed digital production printers, wide format printing systems and workflow software. For more information, please visit: [www.canon.ca](http://www.canon.ca) or join us on Facebook at: [www.facebook.com/CanonCanada](http://www.facebook.com/CanonCanada).

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*†Based on weekly patent counts issued by United States Patent and Trademark Office.*

*DICOM is the registered trademark of the National Electrical Manufacturers Association for its standards publications relating to digital communications of medical information. All referenced product names, and other marks, are trademarks of their respective owners.*

*\*The REALiS WUX6000 D is not cleared or approved for medical diagnosis and should not be used for these purposes*

*\*\*When projecting from an upward position, the lamp life is greatly shortened and the projector may become damaged when the lamp reaches its limit. Please read the User Manual prior to operating the projector in this position.*

*Availability, prices, and specifications of all products are subject to change without notice. Actual prices are set by individual dealers and may vary.*