



## **RVU Inc.(RealVision USA)**

3080 Olcott Street, Suite 130-D,  
Santa Clara, CA 95054  
TEL. 408-845-9410, FAX. 408-845-9457  
URL. [www.rvu-inc.com](http://www.rvu-inc.com)

### **RealVision USA Announces the FVT 200 at DHIMS 2008.**

Santa Clara, CA – March 25, 2008 – RealVision, Inc, a worldwide leader in graphic devices for Medical Imaging solutions, today announced the new FVT series products. Designed with innovative features to meet the challenges of medical imaging applications, the RealVision FVT 200 is based on RealVision Fine View Technology.

#### **Fine View Technology**

Fine View Technology (FVT) is RealVision Inc.'s proprietary Color Management technology which enables IT or Consumer grade monitors to perform on par with Medical Imaging monitors. The FVT 200 supports up to 2MP displays and provides:

- 10 bit precision for monochrome medical images
- Corrects brightness uniformity
- Calibrates according to the DICOM Part 14 Standard
- Carries out QC testing in accordance with AAPM TG18/DIN6868/JESRA
- **As a result – the cost of a Review Station display is dramatically reduced, without compromising image quality.**

The FVT 200, used with IT/Consumer monitors provides a safe and reliable solution for Review Station and clinical imaging applications.



#### **10 bit precision on Monochrome Images**

The FVT200 adds two additional bits to the native data, and provides 10 bit look-up-tables for each RGB component. This generates in a palette of 1,021 grayscale tones, from which 256 tones can be simultaneously displayed, resulting in highly refined grayscale images.

## **Uniformity Correction**

By dividing the monitor screen into 9 separate areas (3X3 grid), and applying brightness correction to each area, the monitor screen can be made to be uniform. DIN6868-57 requires that the difference in brightness between the center and the four corners of the screen should not be greater than 15%. The FVT200 provides a Uniformity Correction Table (UTC) to provide this capability.

## **LumiCal Advanced Software for Calibration and QC testing**

While high resolution diagnostic work stations provide the gold standard for diagnostic interpretation of radiological images, it is also important that review station displays provide accurate and calibrated images for clinical review and for interaction and explanation to patients. Calibration of the display system ensures that each image is consistently shown every time it is viewed. RealVision's Calibration and QC test software "LumiCal Advanced Client – Standard Version (LACS)" was designed to support all of the functions of the FVT200:

### About RealVision

RealVision, Inc. is a global leader of Medical Imaging display technology providing hardware and software solutions for some of the world's most demanding environments. Founded in 1996, RealVision is headquartered in Shin-Yokohama, Japan, with offices, manufacturing partners, and customers worldwide. For more information, visit the RealVision USA web site: [www.rvu-inc.com](http://www.rvu-inc.com)

CONTACT: RealVision, USA  
John Sims  
408-845-9410 X 1  
jsims@rvu-inc.com