

# U-Cal DICOM Calibration software (Ucal-200)



## DICOM Images from a standard display

When it comes to medical imaging, the ability to see the whole image is important. With a standard workstation configuration using a commercial display, the user runs the risk of missing the finer details. Missing fine details could represent a health risk to the patient which may lead to misdiagnosis or an expensive lawsuit. The problem is not in the image or the practitioners' eye, it is the displays' ability to present all the information.

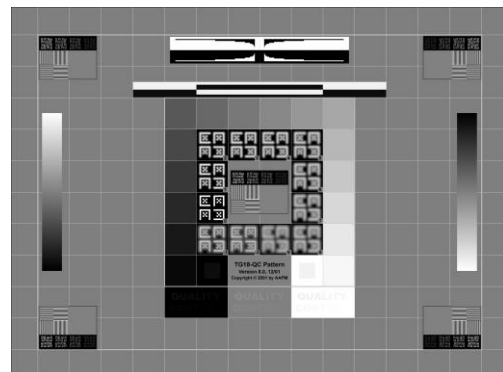
U-Cal is a software solution which enables the user to modify commercial display output to meet the DICOM part 14 GSDF standards. After calibration your workstation will allow you to see the finer details of every image displayed. With U-Cal software installed on all of your computers, you ensure that no matter what image you are looking at, it will be the same on every display.

## U-Cal calibrates almost any display to the highest medical standards.

U-Cal calibration and verification software enables the healthcare professional to calibrate any premium LCD display to the highest medical standards. The resulting image quality matches that of most high priced displays available on the market today.

### Key Features

- **Any graphic card:** Compatible with any graphics card.
- **Any measuring device:** Works with nearly every model of USB photometer ever made.
- **Operating Systems:** Compatible with Windows XP, Vista and Windows 7 32 bit.
- **Color calibration:** Performed not only on white but all gray levels.
- **Global standards:** Calibrates to DICOM, Gamma and CIELAB calibration standards.
- **History and reports:** U-Cal provides proof of maintenance for all displays with the ability of exporting to a .pdf file.
- **Test patterns:** Supplied with eight industry standard test patterns to support visual consistency checks of calibration.
- **Color measurement:** Capable of measuring the RGB and Gray luminance of any display
- **Multi head workstations:** Supports multi-head display systems.
- **Look up table compatibility:** Provides the choice of saving modified tables to your graphics card or display LUT.



For more information, please visit the U-Cal Web page: <http://www.usei.com/U-Cal>



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