X-CAL Web Calibration Suite

DOUBLE BLACK IMAGING

X-Cal
Xtreme LCD Calibration

X-Cal Web allows for both complete front DICOM calibration and QA of DBI LCDs as well as the ability to track and manage calibrations for non-DBI LCDs.

DICOM Calibration and Conformance MUST be done from the front of the LCD. This either requires a photometer for manual calibrations or built in Front sensors.

DBI LCDs are equipped with 4 built in sensors for complete DICOM Calibration and conformance.

(2) Sensors in the retractable front sensor or fixed sensor in the 5MP/10MP

(1) Ambient light front sensor

(1) backlight sensor

X-Cal consists of two components, a local agent package and a network administrative package that is now easily accessible via the web.

Paired together with DBI displays, this software and hardware combination allows:

- Remote calibration of each display to the DICOM gray scale display function (GSDF)
- Easy monitoring of each display from a remote central location
- Automatic Email notifications sent when service is required
- Total control of display settings, adjustments and launching of calibrations/conformance remotely

Other functions X-Cal offers include:

- Ability to track calibrations, hours and receive reminder alerts for non-DBI LCDs
- Scheduling of automatic calibration and conformance tests
- Immediate access to both table formatted and graphical results
- Automatic receipt of TG-18 visual tests for MQSA Compliance
- Allows for compensation of ambient light, luminance and other workstation settings
- The user may view and save historical data on white level, black level, calibration and conformance test for JCAHO/MQSA and other medical certifications
- Workstation system performance information
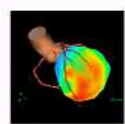
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