



**DOUBLE
BLACK
IMAGING**



The World's Only LCDs with Retractable Front Sensors for TRUE Automatic Calibration!



**This is what
Backlight Sensors Measure.**



**This is what
Front Sensors Measure AND Calibrate.**

For Diagnostic Imaging, It's What's in Front that counts!

Everyone measures the Backlight...

"That's Calibration 101", But what about Gray Level Integrity?

DBI LCDs also measure from the front of the LCD, where the Radiologist reads. This allows us to take into consideration changes in the Graphic Controller Driving Levels, Instabilities in the Liquid Crystal Pixel Cells, Fluctuations of Electronics, Ambient Light as well as Backlight instabilities.

X-Cal DICOM Auto-Calibration and QA Software



X-CAL
Xtreme LCD Calibration

- ◆ Automatically Calibrate LCDs locally or Remotely through Networking Software Package during "off" hours.
- ◆ Administrators are Notified of Non-Conforming Units via an e-mail Alert System.
- ◆ Schedule Intervals between Auto-Calibrations.
- ◆ Adjust Luminance, Ambient Light and other workstation settings either locally or remotely through Networking Software Package.
- ◆ View and save historical data on White level, Black level, Calibration and Conformance Tests for JCAHO/Medical Traceability.
- ◆ Manage Alerts, Event logs, Client lists and More with Remote Networking Administrative Software.

making PACS more Efficient

◆ www.doubleblackimaging.com ◆

“M-Series” LCDs with Retractable Front Sensors for Auto-Calibration.

Equipped with Protective Panels for increased Durability

All Products have FDA510(k) Certification.

Full 3 Year Warranty with 24 Hour Hot-Swap Included.



Description & Resolution	1.3MP Color 1280 x 1024	2MP Color 1200 x 1600	3MP Color 1536 x 2048	1.3MP Monochrome 1280 x 1024	2MP Monochrome 1200 x 1600	3MP Monochrome 1536 x 2048	5MP Monochrome 2048 x 2560
Screen Size	19"	21.3"	20.8"	19"	19.6" or 21.3"	20.8"	21.3"
Brightness	300 cd/m ²	250 cd/m ²	400 cd/m ²	800 cd/m ²	900 cd/m ²	800 cd/m ²	750 cd/m ²
Contrast Ratio	450:1	450:1	400:1	700:1	600:1	600:1	600:1
Bit Depth/ Color Depth	16.7 Million	16.7 Million	16.7 Million	10 Bit	10 Bit	10 Bit	10 Bit
Input	DVI-D, VGA, S-Video, CVBS	DVI-D	DVI-D	DVI-D, VGA, S-Video, CVBS	DVI-D	DVI-D	DVI-D
# Of Sensors	3; 2 in Front Retractable Sensor and 1 on Backlight	3; 2 in Front Retractable Sensor and 1 on Backlight	3; 2 in Front Retractable Sensor and 1 on Backlight	3; 2 in Front Retractable Sensor and 1 on Backlight	3; 2 in Front Retractable Sensor and 1 on Backlight	3; 2 in Front Retractable Sensor and 1 on Backlight	3; 2 in Front Retractable Sensor and 1 on Backlight

Detailed product specifications and Entire product catalog are downloadable at www.doubleblackimaging.com.

Call or E-mail For A Free Demonstration or Quotation!

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