

LED Video Screen Module Corrector
VisionMATCH™



Applications

- Replace LED screen modules while maintaining screen appearance
- Adjust rental LED panels back to desired performance targets
- Obtain quick and accurate module performance data

Benefits

- Simplifies LED video screen module replacement
- Eliminates guesswork in adjusting modules to match their neighbors
- Reduces the expense of maintaining LED video screen performance levels
- Provides fast and accurate results both on-site and in the warehouse

Now you can replace LED screen modules and actually make the screen look better!

Since a replacement LED screen module has not experienced the same conditions as the modules used in the screen, they are often clearly different in appearance when installed — making the screen look patchy in appearance. Sometimes this can be dealt with by adjusting overall module color and brightness parameters, but this approach is not always available and, if it is, is often a matter of trial and error.

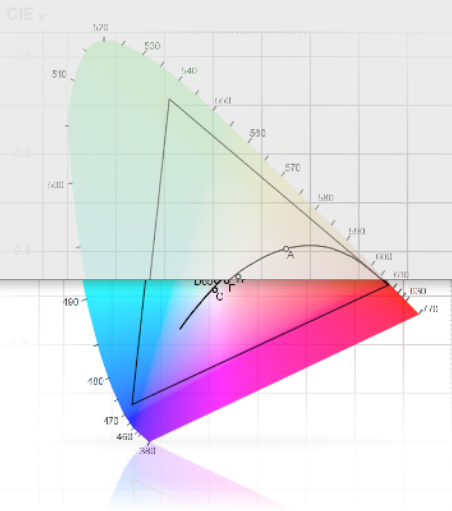
Now matching replacement module appearance to that of its neighbors can be done easily and accurately. Radiant Imaging's VisionMATCH™ module corrector accurately measures the brightness level and color coordinates of the replacement modules and its neighbors. By comparing this data, the optimal adjustment to the replacement module's correction coefficients can be made so that it matches its neighbors as closely as possible. The VisionMATCH module corrector is available in various sizes to match your screen geometry.

VisionMATCH is a component of Radiant Imaging's Vision system for LED video screen performance management and maintenance. By measuring the brightness and color of each individual LED in an LED video screen, VisionCAL™ software generates an optimal set of correction parameters to meet brightness and color uniformity, and color gamut, targets. These correction coefficients define the optimal adjustments that result in the best possible visual performance for your LED video screen.

VisionMATCH can be used with any LED video screen. For screens with built-in correction capabilities, VisionMATCH adjustments can be downloaded directly. Otherwise they can be applied directly in a VisionLINK™ video processor. For rental screens, VisionMATCH can be used to adjust LED video panels to a predefined performance target — making it easy to reset panels before putting them together in a new screen installation.

Sounds easy? It is! VisionMATCH is designed to be used on-site, in the field, right when a module is being replaced. The process takes just a few minutes, but the improvement in appearance is obvious and dramatic.

Contact sales@radiantimaging.com to find out how you can get started!





Key Features

- Spectroradiometer-based measurement of luminance and color
- Optical light gathering system available in various sizes
- VisionMATCH software automatically reads current module correction settings and defines optimal adjustments
- Light in weight for ease of use, transportation, and storage
- Works with VisionLINK or any other LED screen video controller

Specifications*

Hardware Components

VisionMATCH module
measurement device

Integrated spectroradiometer
Optical light gathering and integration
USB control and power interface

Software Components

VisionMATCH software

Measurement set-up and automation
VisionMATCH measurement device control
Integrated module control capability
Correction coefficient modification

Support

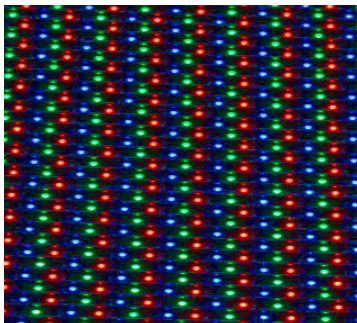
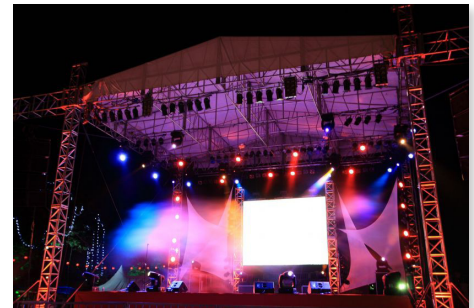
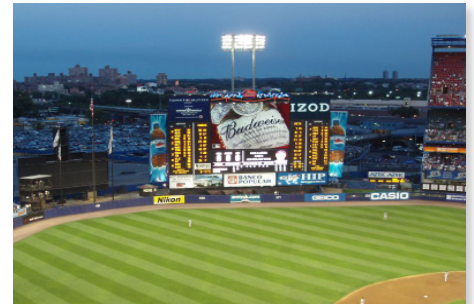
Training on VisionMATCH hardware and software use

VisionTUNE services for LED screen or panel correction coefficient generation

Technical support hot-line

1 year warranty for VisionMATCH hardware

VisionLINK correction controller available to screens without correction capability



* Specifications subject to change without notice

System Requirements

- Windows® XP, Vista or 7 (32-bit)
- 2.0 GHz or faster processor
- 2GB or greater RAM
- SXGA, UXGA recommended
- Ethernet