The ME253i2 is a 2MP grayscale display and is widely used by radiologists due to its versatility for multi-modality workstations. The ME253i2 includes luminance uniformity compensation for edge to edge uniformity and is capable of displaying 2048 shades of gray, simultaneously. It also comes standard with a hardware based pivot function for fast image rendering in portrait or landscape orientation.
New luminance stabilizing system  

Lumien II consists of a luminance sensor and luminance control circuit. The luminance sensor, integrated into the front bezel, consistently monitors and accurately stabilizes luminance on the screen by rapidly communicating with the backlight sensor.

Remote grayscale check and remote calibration functions

Conformance testing to DICOM GSDF and calibration can be remotely accomplished. These features minimize the burden on display administrators.

* Optional PM Medivisor software is required.

Simultaneous display of 2048 shades of gray

Combined with a viewer software, 2048 shades of gray (11 bit) can be simultaneously displayed, realizing smoother grayscale.

Lumien equalizer  

Lumien Uniformity Congruence

Is built in to achieve highly accurate luminance uniformity across the screen. Luminance unevenness is minimized in the final tune-up prior to shipping.

Clear base/Blue base LCD panels

The LCD panels are available in both clear and blue base colors.

Calibration function

Calibrates luminance and gamma to enable smooth grayscale display that is faithful to DICOM GSDF.

* Optional calibration kit is required.

Hardware pivot function for fast drawing in portrait or landscape orientation

Stress-free operation is made possible by fast drawing speed for on-the-fly change to portrait.

Color/monochrome conversion function for multi-display setups with both color and monochrome displays

OSD Information Display

With a push of a button, the display’s current status can be checked such as the display model, total operating time, actual measurement of luminance, and calibration settings.

LED indicator to inform current status

A glance at the LED indicator tells you the display’s current operating status.

Enhanced convenience with utility software:

Advanced power saving

The backlight dims as the screensaver starts, reducing power consumption and preventing unnecessary deterioration of the backlight.

* This feature may not be available, depending on the specifications of the graphic card used.

Gamma check

18 points of luminance values are measured and plotted into a graph.

Ambient light and display luminance measurement

The built-in sensors measure display luminance and ambient luminance.

Pairing service to match colors of two displays (Optional)

Worldwide medical safety standards

This display is certified under various medical safety standards that are much more demanding than those for general-purpose IT equipment.

Safety Precautions

Please read the user’s manual for safe and proper use.

Do not expose the product to dust, moisture, steam, or oily smoke. It could cause fire, electric shock, or a failure.