21.3” monochrome medical image display with resolution of 6 mega subpixels for advanced image quality

Simultaneous display of 1276 shades of gray for smooth rendering
Special AR coating for film-like black and enhanced sharpness

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High resolution of 6M sub-pixels realized by ISD technology

While a pixel pitch of a 2MP display is 270μm, MS2112 achieves 90μm in a sub-pixel chain direction by ISD technology to realize faithful reproduction of image details.

**ISD (Independent Sub-pixel Drive)**

Driven by each sub-pixel value corresponding to detailed information recorded in an original image, three times resolution enhancement is achieved. (Patent pending) In addition, up to 1276 shades of gray are now simultaneously displayable by the upgraded ISD technology.

*Customized viewer software is required to display images with enhanced resolution by the ISD technology.

High image precision with user-friendly functions

- Luminance equalizer to achieve highly accurate luminance uniformity across the screen
- Calibration function to adjust luminance and gamma to create smooth grayscale to DICOM GSDF
- Simultaneous display of 1276 shades of gray for smooth rendering
- Hardware pivot function for smooth portrait orientation
- IPS panel offering high luminance, high contrast, and wide viewing angle
- OSD information display to check the display’s current status
- LED indicator for current operating status
- Enhanced functions such as Advanced Power Saving by utility software

Advanced quality control solution

- Luminance stabilizing system X-Sentinel II constantly monitoring and accurately stabilizing luminance on the screen through the built-in front sensor
- Calibration with the front sensor
- Remote calibration and monitoring

High reliability and a full range of services

- Paring service to match color temperature of two displays
- Worldwide medical safety and EMI standards

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**Viewer Software**

MS2112 supports 6M-ISD and 2M-normal modes.

To use MS2112 in 6M-ISD mode, customized viewer software is required.

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