

TOTO KU



5 Megapixel 21.3" Monochrome Display

MS 55i2

5 Megapixel
Monochrome Display
15M Independent sub-pixel Drive



Super High Resolution Display for Digital Mammography.

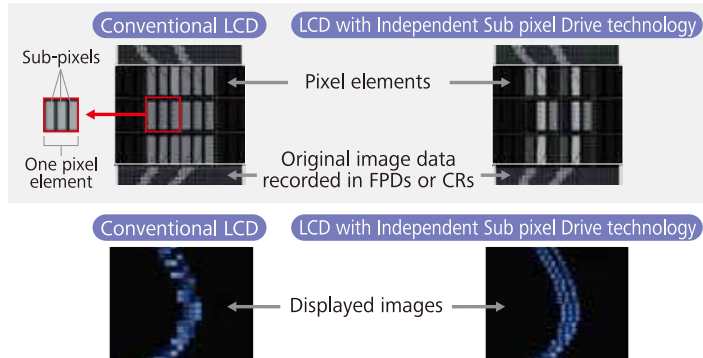


21.3"	DisplayPort & DVI-D	1200 cd/m ²	1200:1	Calibration Function	16Bit LUT	10-Bit Display	LED Backlight	Color/ Monochrome Conversion	OSD	Luminance Uniformity Correction	Hardware Pivot	LED Indicator
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Independent Sub pixel Drive technology



Driven by each sub-pixel value corresponding to detailed information recorded in an original image, three times resolution enhancement is achieved. In addition, up to 1276 shades of gray are now simultaneously displayable by the upgraded Independent Sub pixel Drive technology. (Patent No.8,259,034B2)

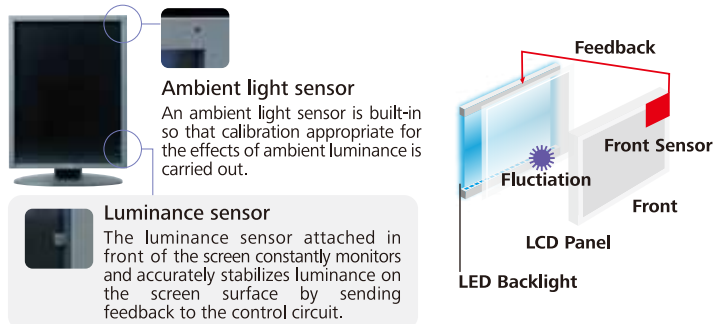


*Customized viewer is required to display images with enhanced resolution by the Independent Sub pixel Drive technology

Luminance stabilizing system λ -Sentinel

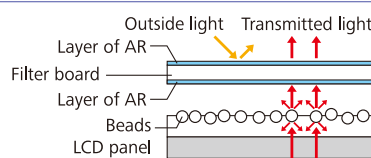
λ -Sentinel consists of a luminance sensor and a luminance control circuit. The luminance sensor is integrated into the front bezel, directly against the screen, and constantly monitors and accurately stabilizes luminance on the screen surface by sending feedback instantaneously to the control circuit.

- With luminance fluctuation caused by the LCD module taken into account, highly accurate luminance control is achieved.
- Actual luminance measurements including intermediate luminance are taken on the screen surface.



Filter board for protect LCD panel and improved sharpness

AR coating addresses properties of focus, Noise reduction, contrast and Viewing angle.



LED Backlight

New LED backlight system provides more stability in images, energy saving and an extended period of lifetime.

Uniformity Equalizer

Luminance uniformity correction system produces stable images across the screen.

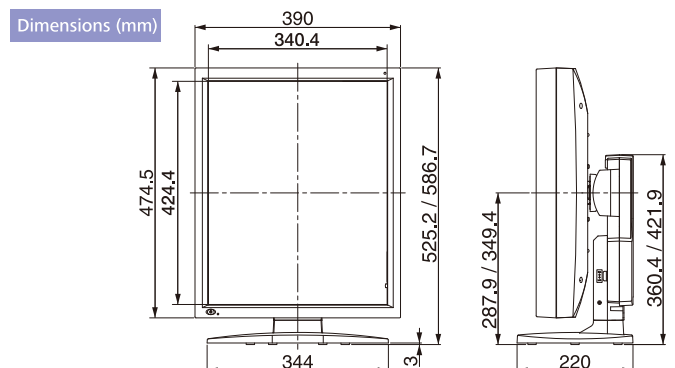
DICOM Conformance Check

User friendly OSD functions include DICOM conformance check function.

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- Images on screens are simulated.

Specifications

Model Name		MS55i2
LCD Panel	Technology	21.3-inch, TFT monochrome active matrix IPS technology
	Display Area	422.40mm X 337.92mm
	Pixel Pitch	0.165mm X 0.165mm
	Contrast Ratio	1200 : 1 (typ)
	Maximum Luminance	1200cd/m ² typ. (calibrated to 500cd/m ² and 410cd/m ² by factory default)
Visual Performance	Viewing Angle	176° vertical and horizontal (Wide view)
	Native Resolution	2048 X 2560, Independent Sub pixel Drive technology ON: 2048 X 7680 (sub-pixel)
Interface	Grayscale	256 shades of grayscale are simultaneously displayed from a palette of 12,277 grayscale steps *1021 or 10-bit shades of grayscale with DisplayPort and 10-bit viewer *1276 shades of grayscale with customised mediSD viewer
	Input Signal	DVI-D (DVI 1.0 compliant) DisplayPort (DisplayPort 1.1a compliant)
Input Power Supply	Plug and Play	DDC2B compliant
	Input	100V ~ 240V (±10%) 50/60Hz
Features	Maximum Power Consumption	80W (typ)
	Calibration Control	Luminance, Gamma, Capable of storing 3 sets of LUT (An optional Calibration kit is required)
	OSD Information Display	Model name, Serial No., Total operating time, Calibration settings (Operating time since last calibration, Luminance, Gamma), Current luminance and ambient light, DICOM conformance
	USB Hub	USB Rev. 2.0 compliant, Self-powered USB upstream connector (x1), USB downstream connector (x2)
Other Features		Luminance uniformity correction, Hardware pivot, LED indicator, Multiple LUT, Independent Sub pixel Drive technology, Self DICOM check
Approvals		ANSI/AAMI ES60601-1(2005)+A1(2012), CAN/CSA-C22.2 NO. 60601-1(2008), CE, FCC-B, ICES-003-B, VCCI-B, FDA510(k), J-Moss, RoHS, KC, KCC
Physical Characteristics	Dimensions (incl. tilt stand)	Portrait : 474.5 (W) X 482.9 / 544.4 (H) X 220 (D) mm Landscape : 390 (W) X 525.2 / 586.7 (H) X 220 (D) mm
	Weight	13kg
	Tilt Stand	Tilt, Swivel, Portrait / Landscape
	Mount	100mm VESA mounting
	Security Slot	Display, Stand
Accessories		Power cord, DVI cable, DisplayPort cable, USB cable, Users manual



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.

Please contact our distributor below with inquiries and orders.

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