

JVC

5 Megapixel 21.3" Monochrome Dual Monitor MS-S500 Dualstand

The gold standard in medical imaging



i3 for Medical Imaging
SERIES

5MP

21.3"

3000
cd/m²

2000:1

DisplayPort
&
DVI-D

Calibration
Function

Front
Sensor

15MsP
Drive

Uniformity
Equalizer

DisplayPort
Daisy
Chains

Human
Presence
Sensor

LED
Backlight

Reading
Light

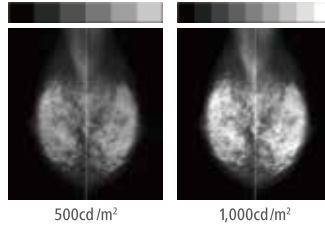
Protective
Glass
Filter

5 Megapixel 21.3" Monochrome Dual Monitor MS-S500 Dualstand

Improved Diagnostic Visibility

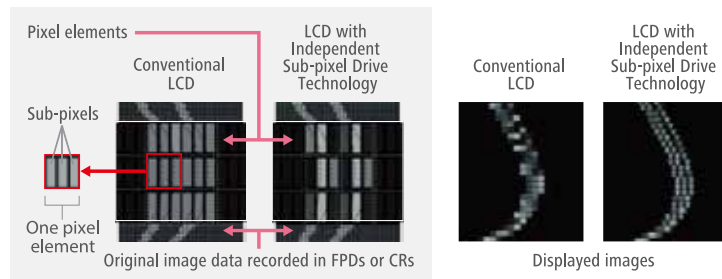
MS-S500 Dualstand comes with 1,000 cd/m² calibration to make it the best solution for breast tomosynthesis imaging. The brighter screen dramatically increases the number of perceptual grayscale steps to improve visibility of microcalcifications, tumors and structures. Mammography diagnostic reading will be much more efficient.

Visual comparison (image)



Independent Sub-pixel Drive Technology

This unique technology enables MS-S500 Dualstand to render 15 mega sub-pixel images, exceeding the current standards for primary mammography diagnosis. The MS-S500 Dualstand is cleared for FDA 510(k) for the use of digital mammography and breast tomosynthesis.

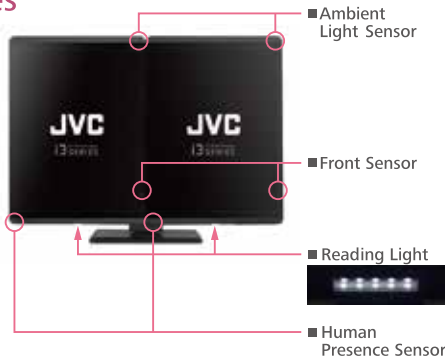


*Customized viewer is required

*Independent Sub pixel Drive technology is built in MS series only

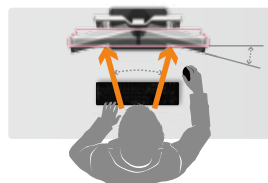
Advanced Features

- Protective Glass Filter
- Reading Light
- LED Indicator / Front Buttons
- Built-in Sensor
- Space Saving
- Wire Management / DisplayPort Daisy Chains
- DICOM Conformance Check



Position Adjustments Made Easy

The MS-S500 Dualstand integrates two 21.3" monitors into one set for a better ergonomic reading environment. The light dual-stand allows users to adjust the height and angle of two monitors easily and finely.



• "JVC" is a brand of medical and industrial monitors manufactured and sold by JVCKENWOOD Corporation. • Company names and product names are the registered trademarks of the respective companies. • Product specifications and appearance are subject to change without notice. • Colors in photographs may differ from actual colors due to the printing process. • Images on screens are simulated.

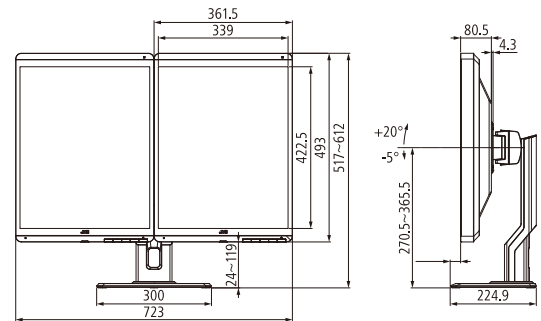
Specifications for single monitor

LCD Panel	Technology	21.3" monochrome TFT IPS technology
	Display Area	337.9 mm × 422.4 mm
	Pixel Pitch	0.165 mm × 0.165 mm
	Maximum Luminance	3000 cd/m ² (typ.) 500 cd/m ² / 1000 cd/m ² (calibrated)
	Contrast Ratio	2000 : 1 (typ.)
Viewing Angle	178° vertical and horizontal	
	Native Resolution	2048 × 2560 (Independent Sub-pixel Drive technology ON : 2048 × 7680)
Visual Performance	Display Colors	256 shades of grayscale are simultaneously displayed from a palette of 16,369 grayscale steps *1024 or 10-bit shades of grayscale with DisplayPort and 10-bit viewer *1276 shades of grayscale by using Independent Sub-pixel Drive technology
	Interface	Input Signal: DVI-D (DVI 1.0 compliant) DisplayPort (DisplayPort 1.2a compliant) Output Signal: DisplayPort (DisplayPort 1.2a compliant) Plug and Play: DDC2B compliant
Input Power Supply	Input Power Supply	100 V - 240 V 50 / 60 Hz
	Power Consumption	35W (typ.)
Features	Calibration Control	Luminance, Gamma Capable of storing 3 sets of LUT (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, Ambient light, DICOM conformance
	USB Hub	USB Rev.2 compliant, Self-powered USB upstream connector (×1), USB downstream connector (×2)
	Other Features	Uniformity Equalizer, Hardware pivot, LED indicator, Advanced power management, Human Presence Sensor, Independent Sub-pixel Drive technology, Auto Text Mode, Reading Light, Luminance stabilization, Multiple LUT, Self DICOM check, Self-calibration

MS-S500 Dualstand

Approvals	ANSI/AAMI ES60601-1 (2005) + A1 (2012), CAN/CSA-C22.2 No. 60601-1 (2014), CE (EN60601-1, EN60601-1-2), FCC Part15 subpart B Class B, ICES-003-B, VCCI-B, RCM, J-Moss, RoHS, EAC	
FDA	510(k) Cleared to use for diagnostic purposes with digital medical images for Digital mammography PACS, Modalities including FFD, and Breast tomosynthesis	
Physical Characteristics	Dimensions(W×H×D)	723 mm × 517-612 mm × 224.9 mm
	Weight	approx. 18.1 kg
	Tilt Stand	Tilt, Swivel, Pan-tilt
Accessories	Power cord × 2, DisplayPort cable × 2, USB cable × 2, Operation manual, Installation manual, Software (QA Medivisor Agent LE)	

Dimensions (mm)



Options

Calibration Kit CAL-016

- QA and calibration software [QA Medivisor Agent]
- Calibration sensor



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.

Healthcare Business Division
JVCKENWOOD Corporation
3-12, Moriya-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 221-0022, JAPAN
TEL: +81-45-450-1908 FAX: +81-45-450-1926
Email: MEDICAL-DISPLAY.J_JKC@jvckenwood.com
JVC Healthcare Website: <http://healthcare.jvc.com/>