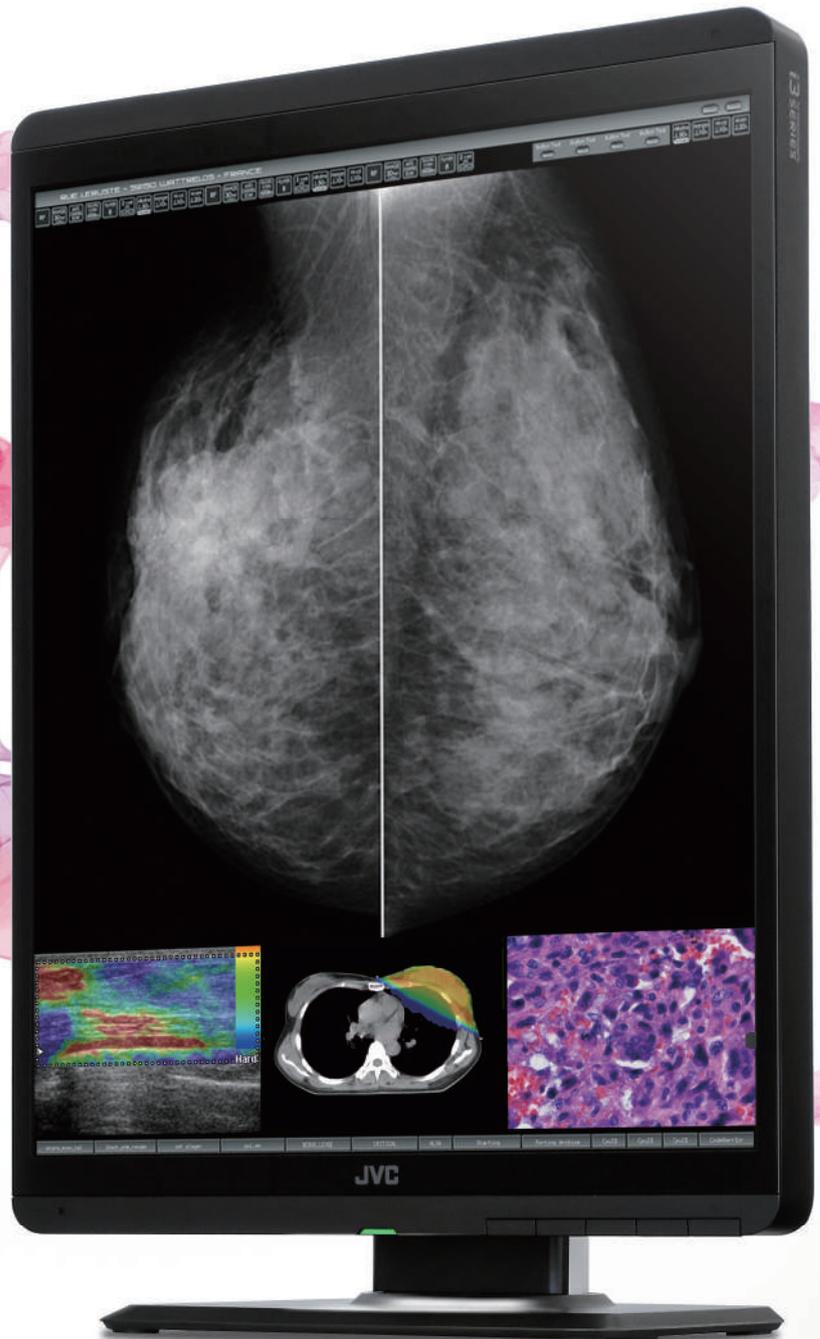


# JVC

5 Megapixel 21.3" Color Monitor

# CL-S500

The gold standard in medical imaging



**i3** for Medical Imaging  
**SERIES**

5MP

21.3"

1150  
cd/m<sup>2</sup>

2000:1

DisplayPort  
&  
DVI-D

Calibration  
Function

Color  
Front  
Sensor

Dynamic  
Gamma

Uniformity  
Equalizer

DisplayPort  
Daisy  
Chains

Human  
Presence  
Sensor

LED  
Backlight

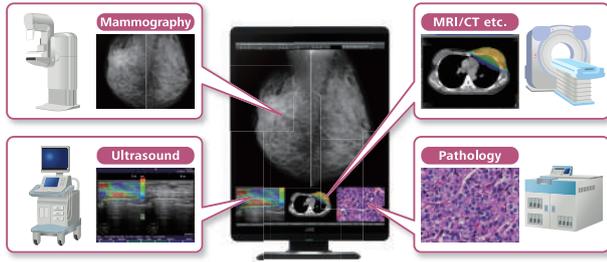
Reading  
Light

Protective  
Glass  
Filter

# 5 Megapixel 21.3" Color Monitor CL-S500

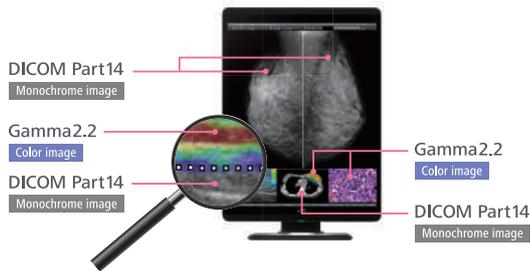
## 5MP color display for multi modality

CL-S500 can accommodate images from any modality including Digital Mammography/Tomosynthesis, US, CT, MRI and pathology.



## Dynamic Gamma

Color images are automatically recognized to provide optimized contrast, brightness and gamma. No user intervention is required.



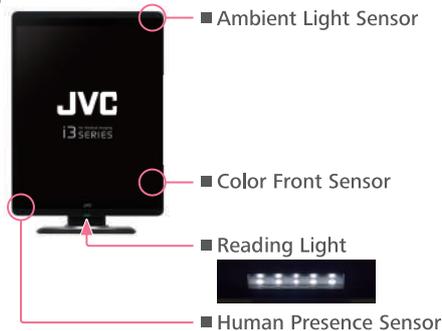
## Auto Text Mode

Automatic brightness control for text data to reduce eye strain for patient lists and reporting application.



## Advanced Features

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

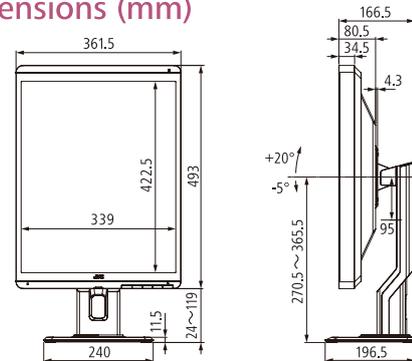


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## Specifications

<b>Model Name</b>		CL-S500
<b>LCD Panel</b>	<b>Technology</b>	21.3" color TFT IPS technology
	<b>Display Area</b>	337.9 mm × 422.4 mm
	<b>Pixel Pitch</b>	0.165 mm × 0.165 mm
	<b>Maximum Luminance</b>	1150 cd/m <sup>2</sup> (typ.) 500 cd/m <sup>2</sup> (calibrated)
	<b>Contrast Ratio</b>	2000 : 1 (typ.)
	<b>Viewing Angle</b>	178° vertical and horizontal
<b>Visual Performance</b>	<b>Native Resolution</b>	2048 × 2560
	<b>Display Colors</b>	16.77 million colors 1.07 billion colors with DisplayPort and 10-bit viewer
<b>Interface</b>	<b>Input Signal</b>	DVI-D (DVI 1.0 compliant) DisplayPort (DisplayPort 1.2a compliant)
	<b>Output Signal</b>	DisplayPort (DisplayPort 1.2a compliant)
	<b>Plug and Play</b>	DDC2B compliant
<b>Input Power Supply</b>	<b>Input Power Supply</b>	100 V - 240 V 50 / 60 Hz
	<b>Power Consumption</b>	35 W (typ.)
<b>Features</b>	<b>Calibration Control</b>	Luminance, Gamma, Color temperature, Capable of storing 3 sets of LUT (Optional Calibration Kit is required)
	<b>OSD Information Display</b>	Model name, Serial No., Total operating time, Calibration settings (Operating time since last calibration, Luminance, Gamma), Current Luminance, Color temperature and Ambient light, DICOM conformance
	<b>USB Hub</b>	USB Rev.2 compliant, Self-powered USB upstream connector (×1), USB downstream connector (×2)
	<b>Other Features</b>	Uniformity Equalizer, Hardware pivot, LED indicator, Advanced power management, Human Presence Sensor, Dynamic Gamma, Auto Text Mode, Reading Light, Luminance stabilization, Multiple LUT, Self DICOM check, Self-calibration
<b>Approvals</b>		ANSI/AAMI ES60601-1 (2005) + A1 (2012), CAN/CSA-C22.2 No. 60601-1 (2014), CE (EN60601-1, EN60601-1-2), FCC Part 15 subpart B Class B, ICES-003-B, VCCI-B, RCM, J-Moss, RoHS
<b>FDA</b>		510(k) Cleared to use for diagnostic purposes with digital medical images for Digital mammography PACS, Modalities including FFDm, and Breast tomosynthesis
<b>Physical Characteristics</b>	<b>Dimensions (W × H × D)</b>	Landscape : 493 mm × 451.3 / 546.3 mm × 196.5 mm Portrait : 361.5 mm × 517 / 612 mm × 196.5 mm
	<b>Weight</b>	approx. 9.5 kg
	<b>Tilt Stand</b>	Tilt, Swivel, Portrait / Landscape
	<b>Mount</b>	VESA standard (100 mm × 100 mm)
<b>Accessories</b>		Power cord, DVI cable, DisplayPort cable, USB cable, 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.

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