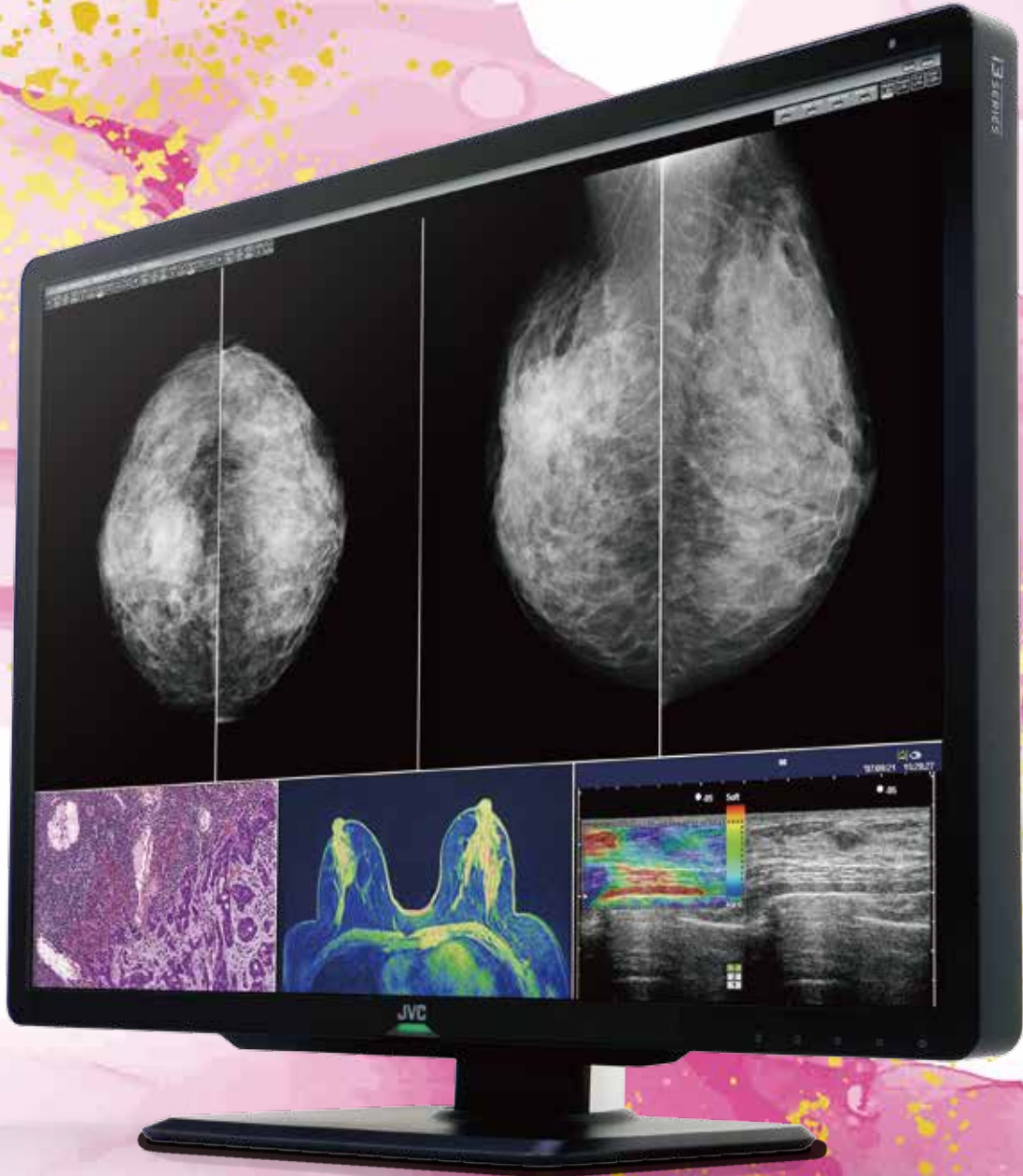


JVC

12 Megapixel 30.9" Color Monitor

CL-S1200

The gold standard in medical imaging



i3 for Medical Imaging
SERIES

12MP

30.9"

1200

cd/m²

1500:1

Visual
Point
Mode

Turbo
Luminance

Dynamic
Range
Extension

Dynamic
Gamma

Auto
Text
Mode

Uniformity
Equalizer

Auto
Config
Select

Pixel
Enhancer

DisplayPort
Daisy
Chains

Color
Front
Sensor

Human
Presence
Sensor

Reading Light
&
Rear Light

Protective
Glass
Filter

Powerful. Colorful. Wonderful. CL-S1200

The seamless screen with a wide area of 30.9 inches and a high resolution of 12 million pixels reduces the load of eye movement and provides a comfortable diagnostic imaging environment. Not only two windows side-by-side for mammography images but also other various images such as CT, MRI, ultrasound and pathology can be displayed, and it is free to arrange the layout of windows.

Improved visibility

The Turbo Luminance function can boost screen brightness and contrast to maximum for 30 seconds to magnify identifiable grayscale gradations, contributing to finding out low contrast lesions on mammograms.

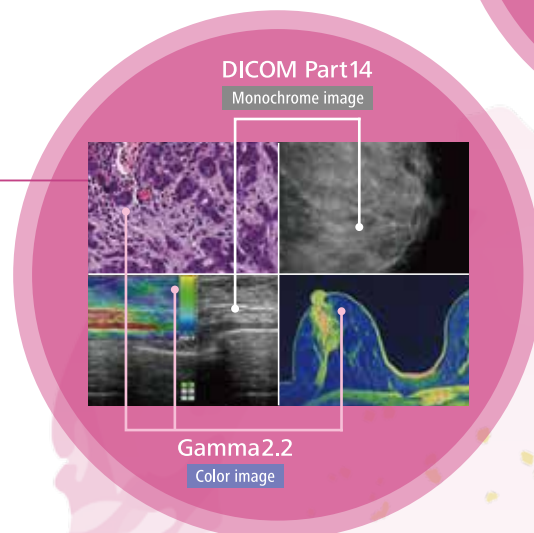
Focus on details

Using Visual Point Mode, you can focus on the detail where you want to see. (4 options of area shape)
It can also be used in combination with the Turbo Luminance function.

One monitor. Multi image.

The Dynamic Gamma function (patented No. 6277984) can automatically identify pixels of monochrome and color images to display each of them in the optimum gradation. Various color images such as ultrasound, endoscope, pathology and nuclear medicine are displayed optimally with simple operations in real time. Auto Config Select function can read the DICOM information of images to switch the configuration at the best performance*.

*Auto Config Select function needs to be supported by viewer.



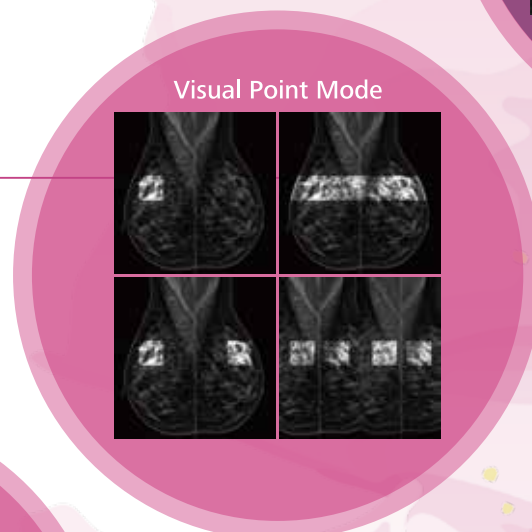
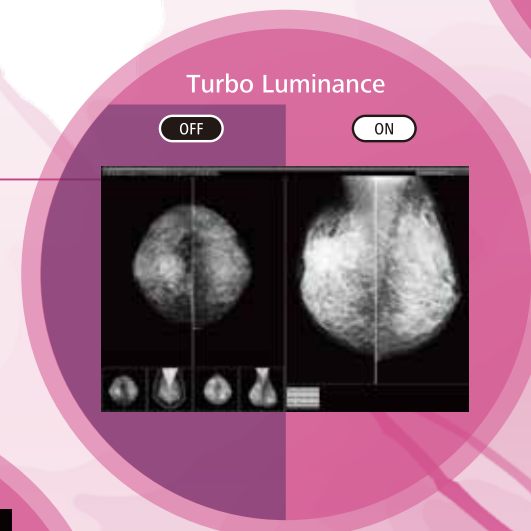
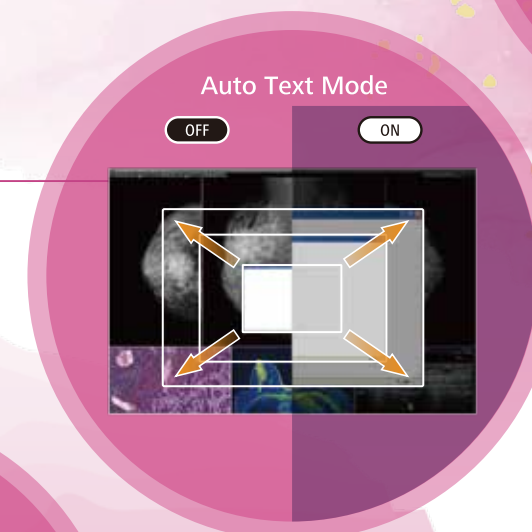
Stable color

The stabilization system for luminance and color temperature can automatically adjust luminance and color temperature in real time. The built-in Color Front Sensor on the screen realizes constant measurement of color temperature and adjusts the color temperature changes due to long-term use that the movable front sensor cannot.



Reduce eye strain

A medical monitor usually comes with high luminance which is not comfortable for text reading. With Auto Text Mode, brightness is automatically adjusted on patient lists and reporting applications to reduce eye strain.

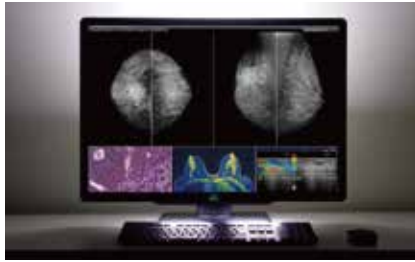


12 Megapixel 30.9" Color Monitor

CL-S1200

Eye-comfort

The built-in Rear Light provides an eye-friendly environmental illuminance as indirect lighting, and the built-in Reading Light illuminates the keyboard and mouse. The brightness of both lights can be adjustable to support working in the dark room.



Easy to keep clean and hygienic

An anti-reflection glass filter covers the surface of LCD. "Noiseless design" with few irregularities and gaps along with the wide-angle swivel, it is easy to wipe the main body to keep clean and hygienic.

Simple wire management

CL-S1200 can display 12-megapixel high resolution image with single DisplayPort 1.4a cable*. It's also applicable for two cables of DisplayPort 1.2. Owing to the DisplayPort, daisy chains can be realized for simple wiring connections. In addition, a wire hole in the stand helps to reduce the load on the cable and raise, lower, rotate the screen smoothly.

*Special Graphics card is needed.



Advanced Features

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

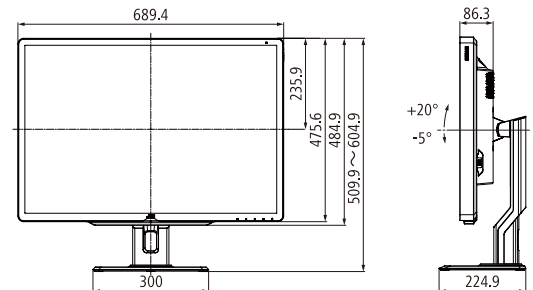


• "JVC" is a brand of medical and industrial monitors manufactured and sold by JVCKENWOOD Corporation. • Company names and product names are the registered trademarks of the respective companies. • Product specifications and appearance are subject to change without notice. • Colors in photographs may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

Specifications

Model Name	CL-S1200	
LCD Panel	Technology	30.9" color TFT IPS technology
	Display Area	652.68 mm × 435.12 mm
	Pixel Pitch	0.1554 mm × 0.1554 mm
	Maximum Luminance	1200 cd/m ² (typ.) 600 cd/m ² (calibrated)
	Contrast Ratio	1500 : 1 (typ.)
Visual Performance	Viewing Angle	178° vertical and horizontal
	Native Resolution	4200 × 2800
Interface	Display Colors	16.77 million colors 1.07 billion colors with DisplayPort and 10-bit viewer
	Input Signal	DisplayPort (DisplayPort 1.4a) × 2
	Output Signal	DisplayPort (DisplayPort 1.4a) × 1
Input Power Supply	Plug and Play	DDC2B compliant
	Power Consumption	100 V - 240 V 50 / 60 Hz 95 W (typ.)
Features	Calibration Control	Luminance, Gamma, Color temperature Capable of storing 5 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, Color temperature and Ambient Light, DICOM conformance
	USB Hub	USB Rev.2 compliant, Self-powered USB upstream connector (×1), USB downstream connector (×3)
Other Features	Uniformity Equalizer, LED indicator, Reading Light, Rear Light, Advanced power management, Human Presence Sensor, Dynamic Gamma, Visual Point Mode, Turbo Luminance, Auto Text Mode, Luminance stabilization, Multiple LUT, Self DICOM check, Dynamic Range Extension, Auto Config Select, Pixel Enhancer, Self-calibration	
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) Clearance for Breast Tomosynthesis, Mammography, and General Radiography	
Physical Characteristics	Dimensions (W × H × D)	689.4 mm × 509.9 / 604.9 mm × 224.9 mm
	Weight	approx. 15.6 kg
	Tilt Stand	Tilt, Swivel
	Mount	VESA standard (100 mm × 100 mm)
Accessories	Power cord, 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



- 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/>