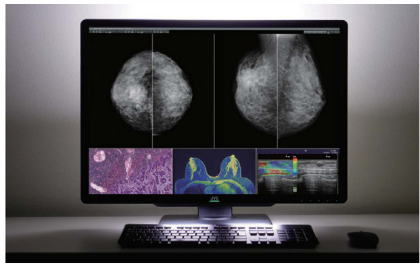12 Megapixel 30.9" Color Monitor
CL-S1200

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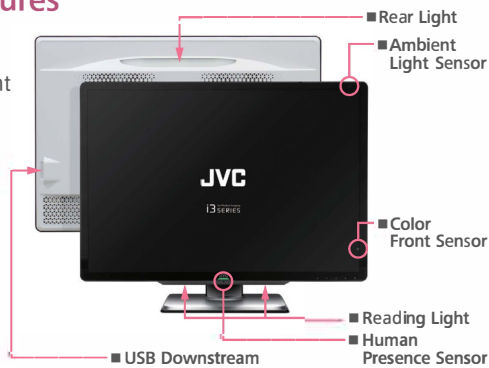
Simple wire management
CL-S1200 can display 12-megapixel high resolution image with single DisplayPort 1.4a cable*. It's also applicable for two cables of DisplayPort 1.2. Owing to the DisplayPort, daisy chains can be realized for simple wiring connections. In addition, a wire hole in the stand helps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

*Special Graphics card is needed.
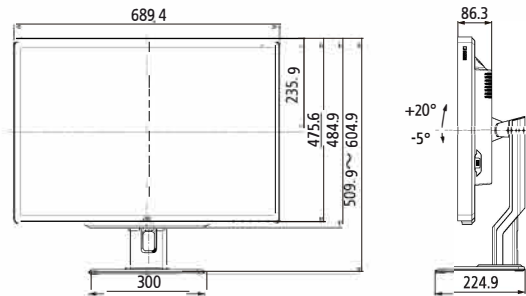
To PC

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

- Rear Light
- Ambient Light Sensor
- Color Front Sensor
- Reading Light
- Human Presence Sensor
- USB Downstream

Specifications

LCD Panel	Model Name	CL-S1200
	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/m² (typ.) 600 cd/m² (calibrated)
	Contrast Ratio	1500 : 1 (typ.)
	Viewing Angle	178° vertical and horizontal
Visual Performance	Native Resolution	4200 × 2800
	Display Colors	16.77 million colors 1.07 billion colors with DisplayPort and 10-bit viewer
Interface	Input Signal	DisplayPort (DisplayPort 1.4a) × 2
	Output Signal	DisplayPort (DisplayPort 1.4a) × 1
	Plug and Play	DDC2B compliant
Input Power Supply	Input Power Supply	100 V - 240 V 50 / 60 Hz
	Power Consumption	95 W (typ.)
Features	Calibration Control	Luminance, Gamma, Color temperature 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, 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)

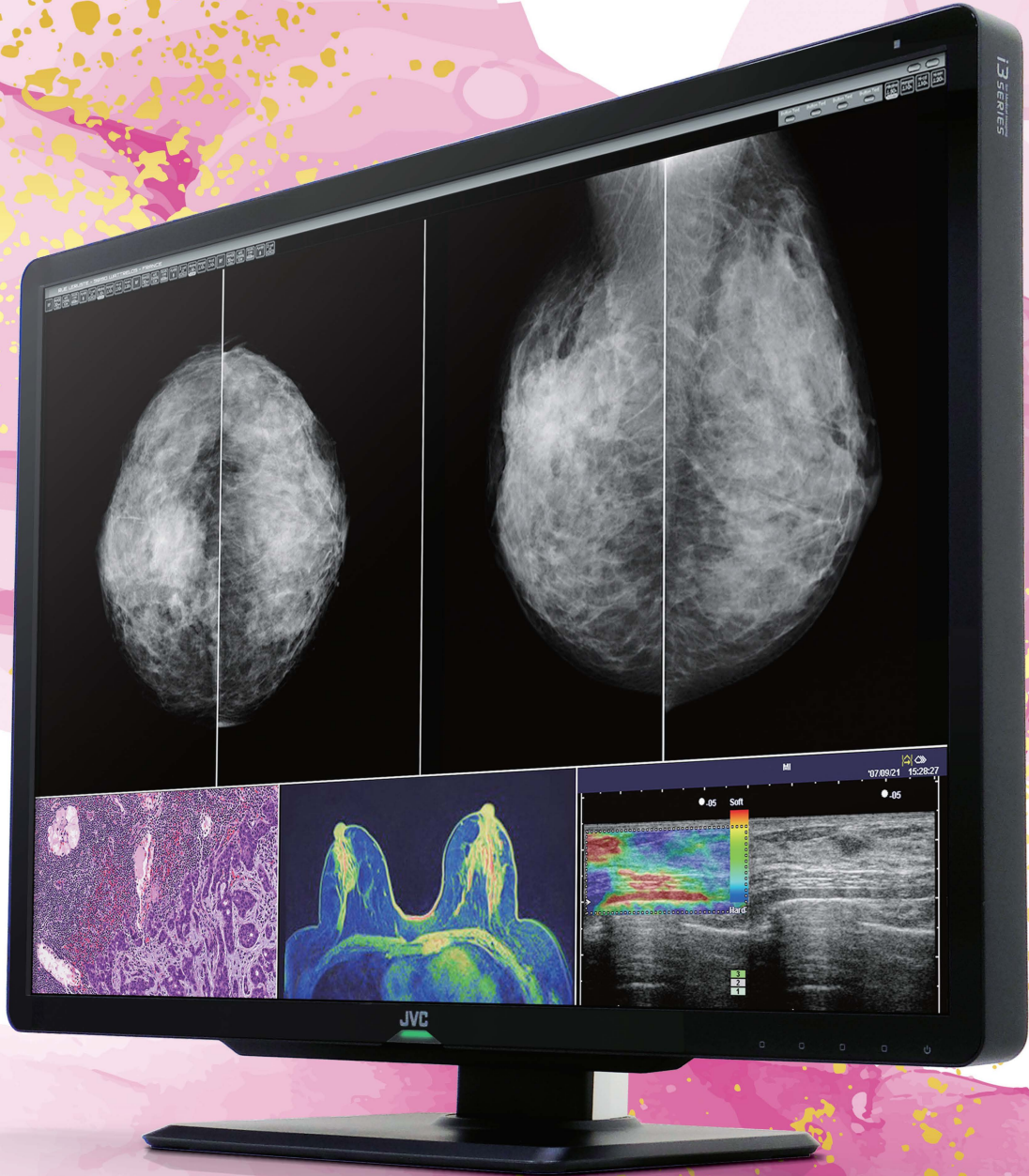689.4 / 235.9 / 475.6 / 484.9 / 509.9 ~ 604.9 / 300 / 86.3 / +20° / -5° / 224.9

Options
Calibration Kit CAL-016
- QA and calibration software [QA Medivisor Agent]
- Calibration sensor

JVC
Calibration Kit for Calibration
CAL-016

• "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.

Healthcare Division
JVCKENWOOD USA Corporation
2201 E. Dominguez St., Long Beach, CA 90810, USA
TEL: +1-310-761-8204
Email: hcinfo@us.jvckenwood.com

Please contact our distributor below with inquiries and orders.

QUEST INTERNATIONAL

800.231.6777
www.questinc.com

Quest International, Inc.
60 Parker, Irvine, CA 92618

The gold standard in medical imaging

i3 SERIES
for Medical Imaging

| 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.

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 adjust the color temperature changes due to long-term use that the movable front sensor cannot.

Original | Without Color Stabilization System | With Color Stabilization System

Color Front Sensor

Reduce eye strain

Auto Text Mode

OFF | ON

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.

Improved visibility

Turbo Luminance

OFF | ON

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.
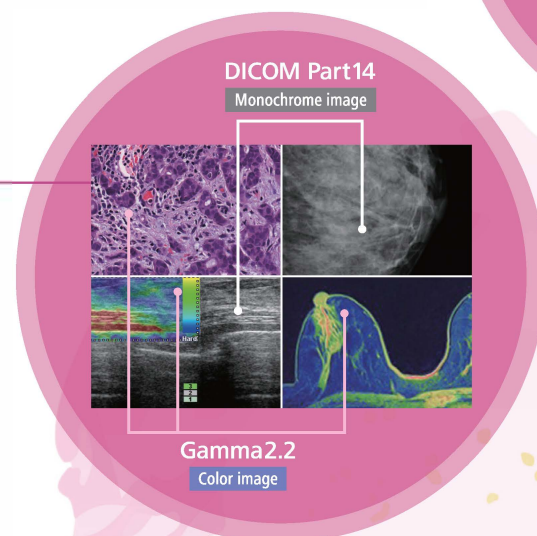
Focus on details

Visual Point Mode

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.

DICOM Part14
Monochrome image

Gamma2.2
Color 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.

JVC