5 Megapixel 21.3" Color Dual Monitor

CL-S500 Dualstand

The gold standard in medical imaging

i3 SERIES for Medical Imaging

iF DESIGN AWARD 2020

| 5MP | 21.3" | 1150 cd/m² | 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 |

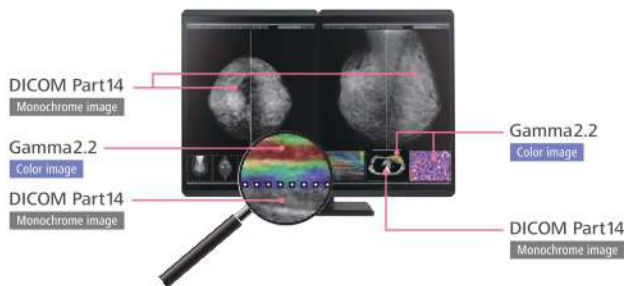5 Megapixel 21.3" Color Dual Monitor

CL-S500 Dualstand

5MP color monitor for multi modality

CL-S500 Dualstand 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.

DICOM Part14
Monochrome image

Gamma2.2
Color image

DICOM Part14
Monochrome image

Gamma2.2
Color image

DICOM Part14
Monochrome image

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

■ Ambient Light Sensor
■ Color Front Sensor
■ Reading Light
■ Human Presence Sensor
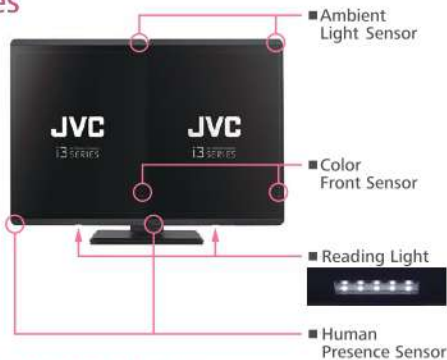
Position Adjustments Made Easy

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

Specifications for single monitor

LCD Panel	Technology	21.3" color TFT IPS technology
	Display Area	337.9 mm × 422.4 mm
	Pixel Pitch	0.165 mm × 0.165 mm
	Maximum Luminance	1150 cd/m2 (typ.) 500 cd/m2 (calibrated)
	Contrast Ratio	2000 : 1 (typ.)
	Viewing Angle	178° vertical and horizontal
Visual Performance	Native Resolution	2048 × 2560
	Display Colors	16.77 million colors 1.07 billion colors with DisplayPort and 10-bit viewer
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, 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 (×2)
	Other Features	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

CL-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 FFDM, 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, DVI cable × 2, DisplayPort cable × 2, USB cable × 2, Operation manual, Installation manual, Software (QA Medivisor Agent LE)

Dimensions (mm)

361.5
339
422.5
493
517~612
24~119
300
723
80.5
4.3
+20°
-5°
270.5~365.5
224.9
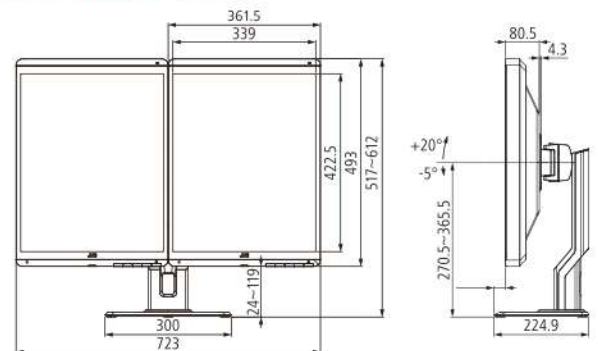
Options

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.