# JVC

# 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 |

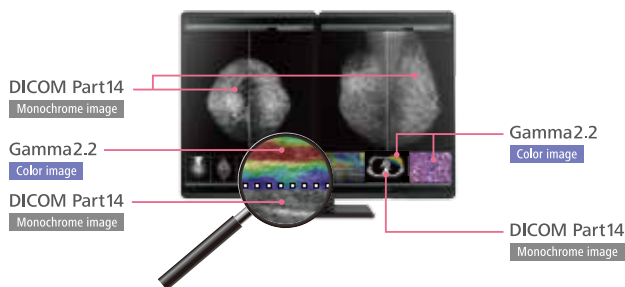# 5 Megapixel 21.3" Color Dual Monitor
# CL-S500 Dualstand

## 5MP color monitor for multi modality

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

Mammography

MRI/CT etc.

Ultrasound

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.
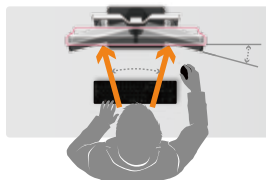
## Advanced Features

• 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
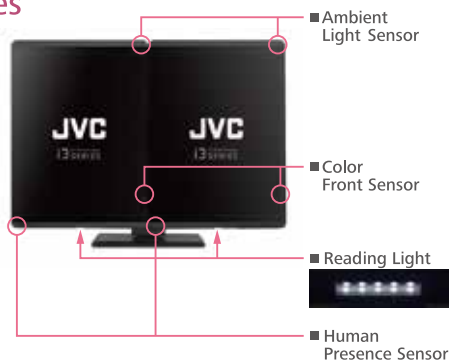
## Position Adjustments Made Easy

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, 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
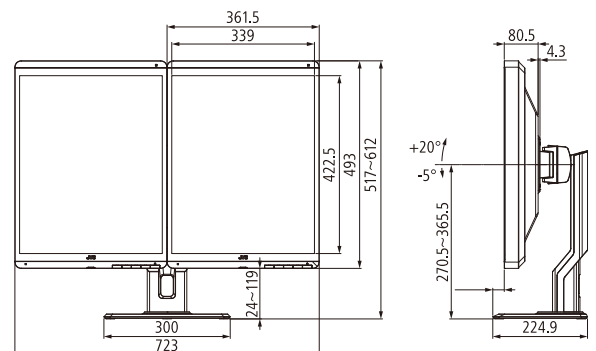
## Options

### 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.