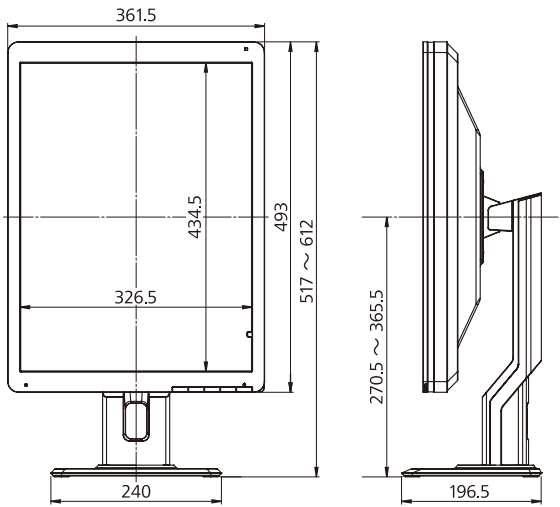


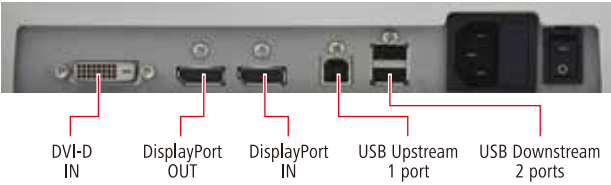
Specifications

|                          |                           |                                                                                                                                                                                                                       |                                                                                                                                                                                                                       |
|--------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model Name               |                           | CL-S200BF : Protective Filter<br>CL-S200BN : No Protective Filter                                                                                                                                                     | CL-S300BF : Protective Filter<br>CL-S300BN : No Protective Filter                                                                                                                                                     |
| LCD Panel                | Technology                | 21.3" color TFT IPS technology                                                                                                                                                                                        | 21.3" color TFT IPS technology                                                                                                                                                                                        |
|                          | Display Area              | 324 mm × 432 mm                                                                                                                                                                                                       | 324.86 mm × 433.15 mm                                                                                                                                                                                                 |
|                          | Pixel Pitch               | 0.270 mm × 0.270 mm                                                                                                                                                                                                   | 0.2115 mm × 0.2115 mm                                                                                                                                                                                                 |
|                          | Contrast Ratio            | 1800 : 1 (typ.)                                                                                                                                                                                                       | 1500 : 1 (typ.)                                                                                                                                                                                                       |
|                          | Maximum Luminance         | 1000 cd/m <sup>2</sup> (typ.)<br>410 cd/m <sup>2</sup> / 500 cd/m <sup>2</sup> (calibrated)                                                                                                                           | 1000 cd/m <sup>2</sup> (typ.)<br>410 cd/m <sup>2</sup> / 500 cd/m <sup>2</sup> (calibrated)                                                                                                                           |
|                          | Viewing Angle             | 178° vertical and horizontal                                                                                                                                                                                          | 178° vertical and horizontal                                                                                                                                                                                          |
| Visual Performance       | Native Resolution         | 1200 × 1600                                                                                                                                                                                                           | 1536 × 2048                                                                                                                                                                                                           |
|                          | Display Colors            | 16.77 million colors from a palette of 68 billion colors<br>1.07 billion colors with DisplayPort and 10-bit viewer                                                                                                    | 16.77 million colors from a palette of 68 billion colors<br>1.07 billion colors with DisplayPort and 10-bit viewer                                                                                                    |
| Interface                | Input Signal              | DVI-D (DVI 1.0 compliant)<br>DisplayPort (DisplayPort 1.2a compliant)                                                                                                                                                 | DVI-D (DVI 1.0 compliant)<br>DisplayPort (DisplayPort 1.2a compliant)                                                                                                                                                 |
|                          | Output Signal             | DisplayPort (DisplayPort 1.2a compliant)                                                                                                                                                                              | DisplayPort (DisplayPort 1.2a compliant)                                                                                                                                                                              |
|                          | Plug and Play             | DDC2B compliant                                                                                                                                                                                                       | DDC2B compliant                                                                                                                                                                                                       |
| Input Power Supply       | Input Power Supply        | 100 V - 240 V 50 / 60Hz                                                                                                                                                                                               | 100 V - 240 V 50 / 60Hz                                                                                                                                                                                               |
|                          | Maximum Power Consumption | 65 W (typ.)                                                                                                                                                                                                           | 95 W (typ.)                                                                                                                                                                                                           |
| Features                 | Calibration Control       | Luminance, Gamma, Color temperature<br>Capable of storing 3 sets of LUT (Optional Calibration Kit is required)                                                                                                        | Luminance, Gamma, Color temperature<br>Capable of storing 3 sets of LUT (Optional Calibration Kit is required)                                                                                                        |
|                          | OSD Information Display   | Model name, Serial No., Total operating time, Calibration settings<br>(Operating time since last calibration, Luminance, Gamma), Current Luminance,<br>Color temperature and Ambient light, DICOM conformance         | Model name, Serial No., Total operating time, Calibration settings<br>(Operating time since last calibration, Luminance, Gamma), Current Luminance,<br>Color temperature and Ambient light, DICOM conformance         |
|                          | USB Hub                   | USB Rev.2.0 compliant, Self-powered<br>USB upstream connector (x1), USB downstream connector (x2)                                                                                                                     | USB Rev.2.0 compliant, Self-powered<br>USB upstream connector (x1), USB downstream connector (x2)                                                                                                                     |
|                          | Other Features            | Uniformity Equalizer, Hardware pivot, LED indicator,<br>Advanced power management, Human Presence Sensor, Dynamic Gamma,<br>Auto Text Mode, Luminance stabilization, Multiple LUT, Self DICOM check, Self-calibration | Uniformity Equalizer, Hardware pivot, LED indicator,<br>Advanced power management, Human Presence Sensor, Dynamic Gamma,<br>Auto Text Mode, Luminance stabilization, Multiple LUT, Self DICOM check, Self-calibration |
| Approvals                |                           | ANSI/AAMI ES60601-1 (2005) + A1 (2012), CAN/CSA-C22.2 No. 60601-1 (2014),<br>CE (EN60601-1, EN60601-1-2), RCM, FCC Part15 subpart B Class B , ICES-003-B,<br>VCCI-B, FDA510(k), J-Moss, RoHS                          | ANSI/AAMI ES60601-1 (2005) + A1 (2012), CAN/CSA-C22.2 No. 60601-1 (2014),<br>CE (EN60601-1, EN60601-1-2), RCM, FCC Part15 subpart B Class B , ICES-003-B,<br>VCCI-B, FDA510(k), J-Moss, RoHS                          |
| Physical Characteristics | Dimensions (W × H × D)    | Landscape : 493 mm × 451.3 / 546.3 mm × 196.5 mm<br>Portrait : 361.5 mm × 517 / 612 mm × 196.5 mm                                                                                                                     | Landscape : 493 mm × 451.3 / 546.3 mm × 196.5 mm<br>Portrait : 361.5 mm × 517 / 612 mm × 196.5 mm                                                                                                                     |
|                          | Weight                    | approx. 9 kg                                                                                                                                                                                                          | approx. 10 kg                                                                                                                                                                                                         |
|                          | Tilt Stand                | Tilt, Swivel, Portrait / Landscape                                                                                                                                                                                    | Tilt, Swivel, Portrait / Landscape                                                                                                                                                                                    |
|                          | Mount                     | VESA standard (100 mm × 100 mm)                                                                                                                                                                                       | VESA standard (100 mm × 100 mm)                                                                                                                                                                                       |
|                          | Security Slot             | Anti-theft security slot                                                                                                                                                                                              | Anti-theft security slot                                                                                                                                                                                              |
| Accessories              |                           | Power cord, DVI cable, DisplayPort cable, USB cable,<br>Operation manual, Installation manual, Software (QA Medivisor Agent LE)                                                                                       | Power cord, DVI cable, DisplayPort cable, USB cable,<br>Operation manual, Installation manual, Software (QA Medivisor Agent LE)                                                                                       |

Dimensions (mm)



Interface



Options

Calibration Kit CAL-016

- Software
- Color Sensor



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**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.

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2 Megapixel 21.3" Color Monitor

CL-S200

3 Megapixel 21.3" Color Monitor

CL-S300

Unparalleled Innovation in Diagnostic Imaging



i3 for Medical Imaging  
SERIES

21.3"

1000  
cd/m<sup>2</sup>

CL-S200  
1800:1

CL-S300  
1500:1

16Bit  
LUT

DisplayPort  
&  
DVI-D

Calibration  
Function

Color  
Front  
Sensor

Uniformity  
Equalizer

Dynamic  
Gamma

Auto  
Text  
Mode

Human  
Presence  
Sensor

LED  
Backlight

# Providing the Best Diagnostic Environment

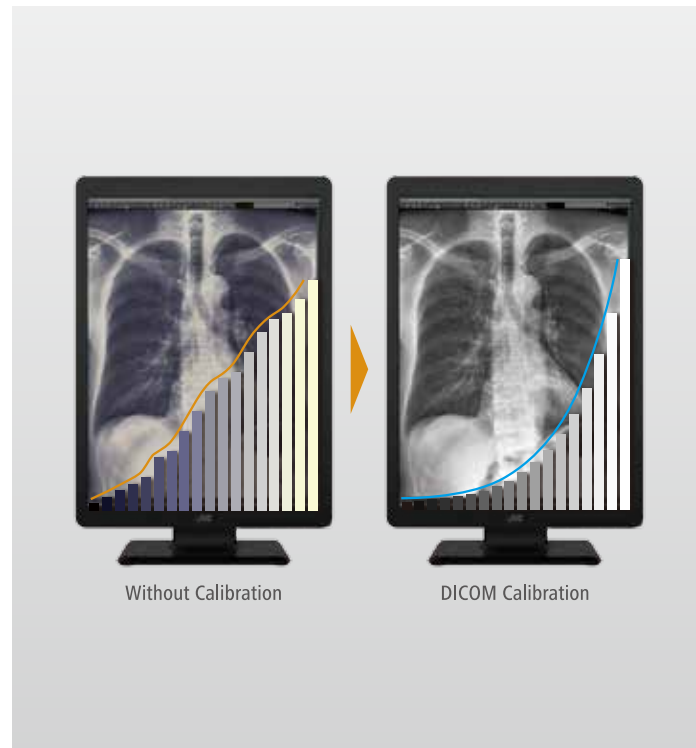
Fully redesigned hardware and software bring innovation in multi-modality image reading.

Pursuing an Effective Diagnostic Reading Environment

Quality Assurance Made Easy and Cost Effective

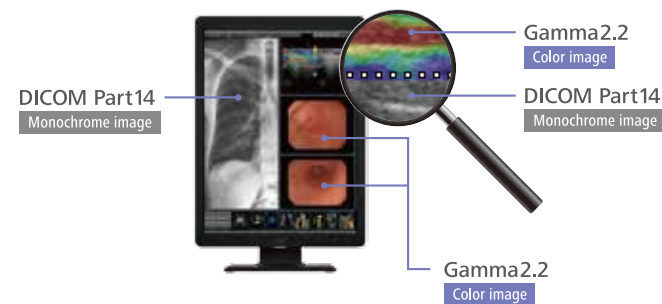
## Clearly Defined Diagnostic Images

The new i3 color series render more precise color and monochrome modality images. One of its unique technologies the built-in self-calibrating sensor ensures that the monitor constantly performs at its best.



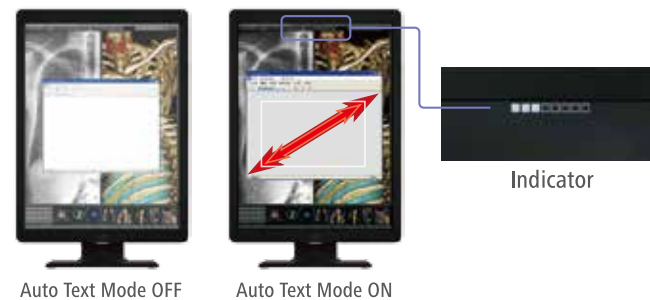
## Dynamic Gamma

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



## Auto Text Mode

Brightness is automatically adjusted on patient lists and reporting applications to reduce eye strain.



## Integrated QA Solution **QA Medivisor Agent (Option)**

QA Medivisor Agent providing calibration and QA standard testing capabilities through an intuitive and easy to navigate user interface makes it effective to manage day-to-day operation in the radiology department. Simplified calibration scheduling tool QA Medivisor Agent LE is included.



\*Optional calibration kit CAL-016 is required for standard QA testing.

## Self-calibration

With the integrated color front sensor, the CL-S200 / CL-S300 self-calibrates to the DICOM Part 14 Standard on a regular schedule.



Schedule Setting (QA Medivisor Agent)

## Razor-sharp Color Precision

Utilizing its unique X, Y, Z, color level tracking and color management technologies, any of the i3 model perfectly color-matches one another.



# i3 for Medical Imaging SERIES

## Advanced Features

- Premium Design
- LED Indicator / Front Buttons
- Built-in Sensor
- Space Saving
- Two-tone Color
- Wire Management / DisplayPort Daisy Chains

### Premium Design

A simple and slim design for a modern look



### LED Indicator / Front Buttons

The soft LED light indicator and front buttons are streamlined for intuitive operation.



### Built-in Sensor



#### Ambient Light Sensor

Detects the level of ambient light to offset the effect for optimal calibration.

#### Color Front Sensor

Stabilizes luminance and color for consistent image quality.

#### Human Presence Sensor

Automatically switching to power save mode when sensor does not detect human presence.

### Space Saving

The new design of the CL-S200 / CL-S300 reduces 25% of the stand footprint compared to the conventional models.

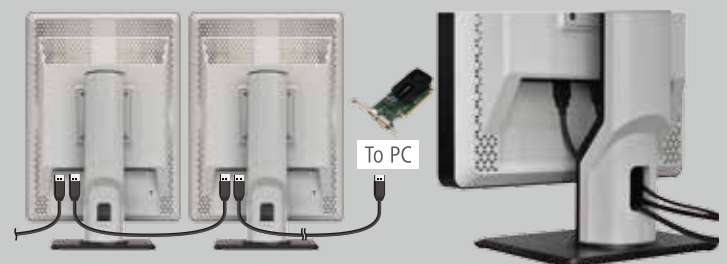


### Two-tone Color

The back side features a stylish gray-white tone color.

### Wire Management / DisplayPort Daisy Chains

With the DisplayPort 1.2, the use of daisy chains allows for easier wiring connections.



Optional graphic card is required for daisy chains connections.