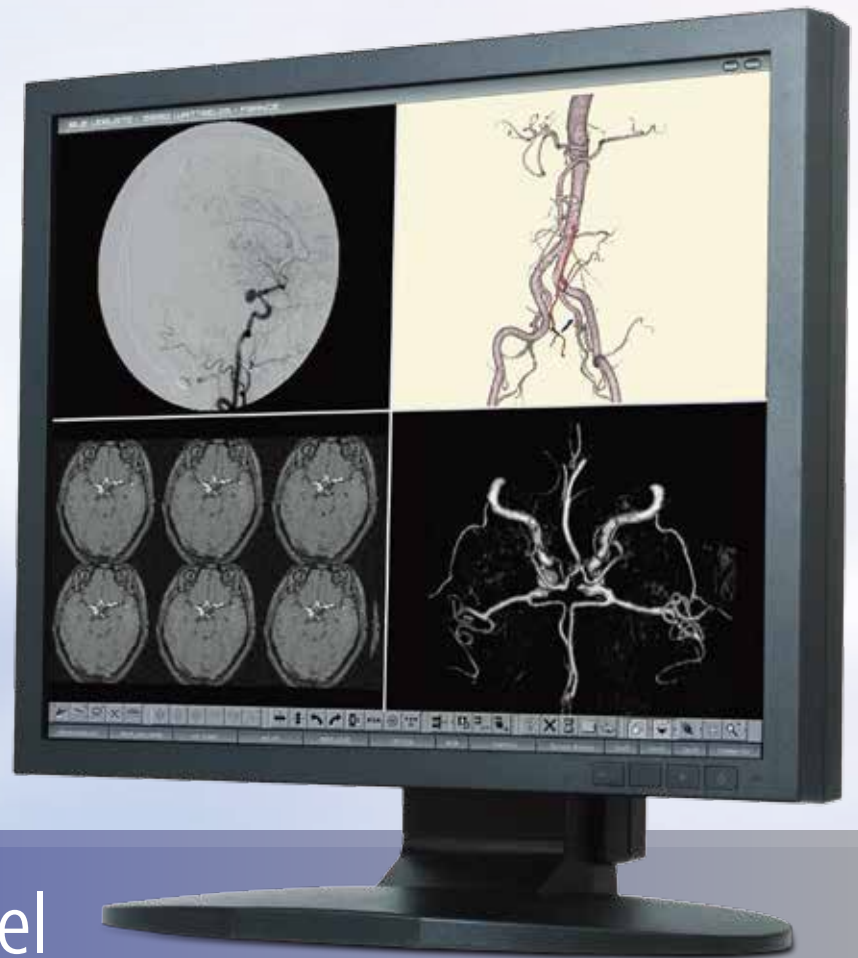


# JVC

1.3 Megapixel 19" Color Monitor  
**CCL196**



# 1.3

Megapixel  
Color Monitor

Versatile Color LCD  
for Multi-Modality Imaging

19"

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

1000:1

12Bit  
LUT

Digital  
Analog  
Inputs

Calibration  
Function

LED  
Backlight

## Color Calibration

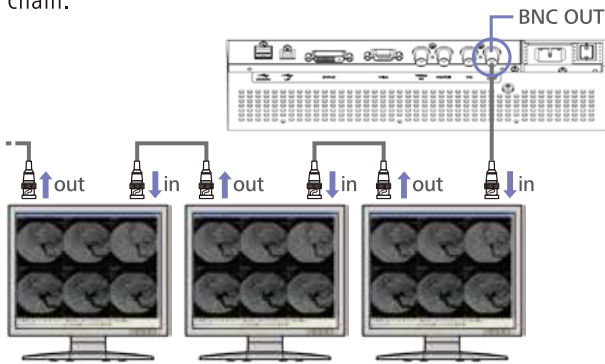
CCL196 full calibration capability ensures precise representation of images in both color and grayscale.

## Built-in 12 bit LUT (Look-up Table)

The built-in LUT selects the most appropriate 256 shades of grayscale from a palette of 4096 grayscale steps to display finer and smoother grayscale.

## Digital / Analog BNC / VGA Interface

You can daisy chain multiple CCL196 via BNC input / output connectors. BNC buffer amplifier ensures same image quality for each CCL196 in a daisy chain.



## – Timing Selection –

In order to support various special timings, multiple timings are preset in CCL196.

## Luminance Stabilizing System

The built-in luminance sensor constantly monitors and accurately stabilizes luminance on the screen to optimize image quality.

## Built-in Power Supply

Internal power supply saves your work space by eliminating the need for an AC adapter.

## LED Backlight

LED Backlight system provides more stability in images and energy saving.

## Worldwide Medical Safety Standards

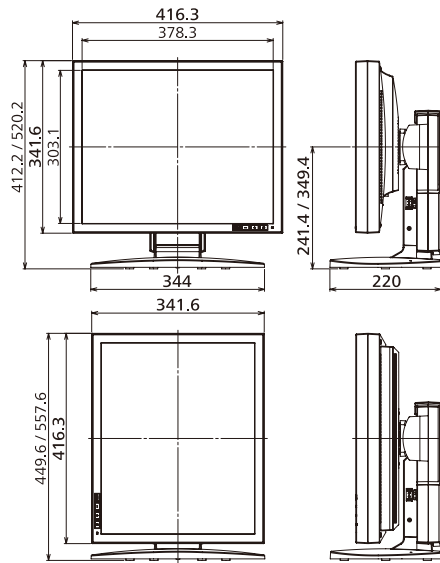
CCL196 meets worldwide medical safety standards.

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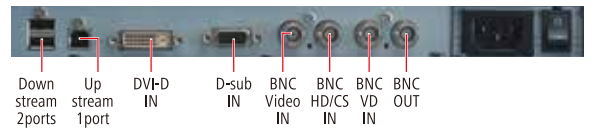
## Specifications

	<b>Model Name</b>	CCL196
<b>LCD Panel</b>	<b>Technology</b>	19" color TFT IPS technology
	<b>Display Area</b>	376.32 mm × 301.06 mm
	<b>Pixel Pitch</b>	0.294 mm × 0.294 mm
	<b>Contrast Ratio</b>	1000 : 1 (typ.)
	<b>Maximum Luminance</b>	1000 cd/m <sup>2</sup> (typ.), 410 cd/m <sup>2</sup> (calibrated)
	<b>Viewing Angle</b>	178° vertical and horizontal
<b>Visual Performance</b>	<b>Native Resolution</b>	VGA (640 × 480) ~ SXGA (1280 × 1024)
	<b>Grayscale</b>	16.77 million colors from a palette of 68 billion colors
<b>Interface</b>	<b>Input Signal</b>	Digital : DVI-D (DVI 1.0 compliant) Analog : VGA D-Sub mini 15pin, BNC × 3 (Video, HD/CS, VD)
	<b>Plug and Play</b>	DDC2B compliant
	<b>Output Signal</b>	Analog : BNC
<b>Input Power Supply</b>	<b>Input Power Supply</b>	100 V - 240 V 50 / 60 Hz
	<b>Power Consumption</b>	54 W (typ.)
<b>Features</b>	<b>Calibration Control</b>	Luminance, Gamma, Color temperature (Optional Calibration kit is required)
	<b>OSD Information Display</b>	Model name, Serial No., Total operating time, Calibration settings (Operating time since last calibration, Luminance, Gamma)
	<b>USB Hub</b>	USB Rev.2.0 compliant, Self-powered USB upstream connector (×1), USB downstream connector (×2)
	<b>Other Features</b>	Timing Selection (preset and manual adjustment) *Analog signal only, LED indicator, Image Setting for each Interface, Image Zoom
<b>Approvals</b>	ANSI/AAMI E560601-1 (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, UKCA, RoHS	
	<b>Dimensions (W × H × D)</b>	Landscape : 416.3 mm × 412.2 / 520.2 mm × 220 mm Portrait : 344 mm × 449.6 / 557.6 mm × 220 mm
<b>Physical Characteristics</b>	<b>Weight</b>	9.1 kg
	<b>Tilt Stand</b>	Tilt, Swivel, Portrait / Landscap
	<b>Mount</b>	VESA standard (100 mm × 100 mm)
	<b>Security Slot</b>	Anti-theft security slots (display and tilt stand)
<b>Accessories</b>	Power cord, DVI cable, VGA cable, USB cable, User manual	

## Dimensions (mm)



## Interface



- 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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Please contact our distributor below with inquiries and orders.