

TOTOKU

2.3 Megapixel
24.1" Color LCD

CCL242

CCL Series

24.1" wide-screen color LCD with DICOM calibration function

High luminance, high contrast and wide viewing angle provided by the IPS panel
Wide screen 2.3MP color display for new possibilities with streamlined workflow

NEW

Flat Display System for Medical Imaging



2.3
Megapixel
Color Display

24.1"	Analog DVI-D DisplayPort	Maximum luminance 300cd/m ²	Contrast 1000:1	Calibration function	10Bit LUT	Internal Power Supply	LED Backlight
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Features :

► Wide-screen display with 1920 x 1200 pixels

The 24" wide color LCD with 2.3MP CCL242 provides seamlessly wide viewing area. The wide screen of the CCL242 enables you to effectively and efficiently allocate multiple windows you need to work on.

► Built-in 10bit LUT (Look-up Table) to reproduce smoothly grayscale

The built-in LUT selects the most appropriate 256 shades of grayscale from a palette of 1021 grayscale steps to display finer and smoother grayscale.

► Luminance stabilizing system λ -Sentinel

The luminance sensor constantly monitors and accurately stabilizes luminance on the screen to optimize image quality all the time.

► High image quality provided by the IPS panel

The IPS panel provides crisper image and more confidence in diagnostic precision with stable luminance and smoothly color.

► Worldwide medical safety standards

The CCL242 comply with various stringent worldwide medical standards. They ensure safety and reliability required for use in medical facilities.

► Medivisor Series software (Optional)

The Medivisor series software support display quality control from acceptance and periodic constancy testing to constant monitoring, to calibration.

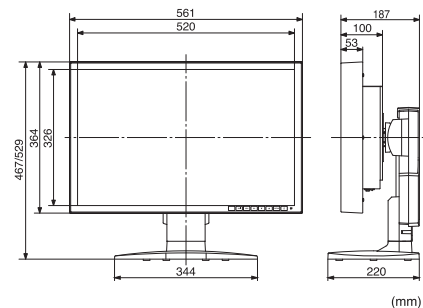
► Longer Lifetime and Energy Saving with LED Backlight

Compared to the CCFL backlight, LED backlight CCL242 will save about 20% of energy and hold brightness longer.

Specifications

Model Name		CCL242
LCD Panel	Technology	24.1-inch, TFT color active matrix IPS technology
	Display Area	518mm X 324mm
	Pixel Pitch	0.27mm X 0.27mm
	Contrast Ratio	1000 :1 (Typ.)
	Maximum Luminance	300cd/m ² (Typ.), (calibrated to 150cd/m ² and 200cd/m ² , 150cd/m ² by factory default)
Visual Performance	Viewing Angle	178° vertical and horizontal
	Native Resolution	1920 X 1200
	Grayscale	256 shades of grayscale are simultaneously displayed from a palette of 1021 grayscale steps
Input Signal	Display Colors	16.77million colors from a palette of 1.06 billion colors
	Input Signal	DVI-D (DVI 1.0 compliant) DisplayPort (DisplayPort 1.1a compliant) RGB
	Plug and Play	DDC2B compliant
Input Power Supply	Input	100V-240V 50/60Hz
	Maximum Power Consumption	60W (typ)
Features	Calibration Control	Luminance, Gamma, Color temperature Capable of storing 2 sets of LUT (An optional Calibration kit is required)
Safety Standards	ANSI/AAMI ES60601-1(2005)+A1(2012), CAN/CSA-C22.2 NO. 60601-1(2008), FCC Part15 subpart B Class B, IEC60601-1, EN60601-1-2, VCCI-B, RCM, J-Moss, RoHS	
Physical Characteristics	Dimensions (incl. tilt stand)	561mm X 467 / 529mm X 220mm
	Weight	Net: approx. 11.1kg, Without tilt stand: approx. 6.9kg
	Tilt stand	Tilt, Swivel, Portrait / Landscape
	Mount	Vesa mounting 100mm X 100mm
	Security Slot	Stand
Accessories	Power cord, DVI cable, DisplayPort cable, VGA cable, USB cable, Users manual	

Dimensions



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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.

Please contact our distributor below with inquiries and orders.

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