

*Easy evaluation of DICOM GSDF conformance
and high luminance*

The high luminance model is best suited for color medical images whose increased use is expected. Its wide dynamic range realizes clear display of grayscale images.



*Higher Image Quality
& Total Management*



2 Megapixel
Color Display



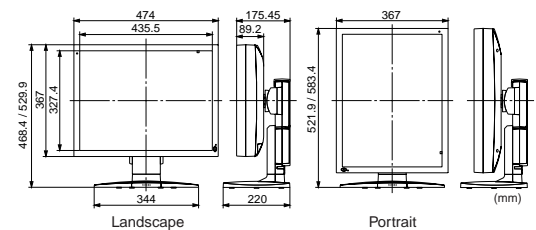
- 21.3"
- Digital Input
- High luminance 450cd/m²
- Contrast 450:1
- Calibration function
- 10Bit LUT
- OSD
- LED Indicator
- Protective filter
- Multi function Stand

Features :

- ▶ **Newly developed luminance stabilizing system λ-Sentinel II**
Provides enhanced stability in luminance and interaction with performance monitoring software PM Medivisor to evaluate conformity to DICOM GSDF.
- ▶ **High luminance, long life, large 21.3-inch LCD**
Achieves the highest-in-class luminance of 450cd/m² and long life (threefold increase compared with our conventional displays).
- ▶ **Color calibration function to reproduce colors faithful to the original and grayscale compliant with DICOM Part 14**
By calibrating color temperature, luminance, and gamma characteristics, reproduction of colors faithful to the original and smooth display of grayscale are possible. (A calibration kit is required.)
- ▶ **Built-in 10bit LUT (Look-up Table) to reproduce accurate grayscale**
The built-in LUT selects the most appropriate 256 shades of gray (8bit) out of 1024 shades (10bit) to realize finer and smoother grayscale.
- ▶ **OSD Information Display**
Such information as the display model, total operating time, actual measurement of luminance, and calibration settings can be checked on screen.
- ▶ **LED indicator to inform of current status**
A glance at the LED indicator tells you the display's current operating status.
- ▶ **Worldwide medical safety standards**
This display is certified under various medical safety standards that are much more demanding than those for general-purpose IT equipment.
- ▶ **Medivisor Series software (Optional)**
The Medivisor Series software offers collective support for display quality control and delivers high-quality and stable medical images while realizing reduction in display quality management costs.

Specifications

Model Name	CCL250i	
LCD Panel	Technology	21.3-inch, TFT Color Active matrix
	Display Area	432mm X 324mm
	Pixel Pitch	0.270mm X 0.270mm
	Contrast Ratio	450 : 1 (Typ.)
	Maximum Luminance	450cd/m ² (Typ.), (calibrated to 200cd/m ² by factory default)
Viewing Angle	170° vertical and horizontal	
	Available Resolution	USTEXT, 640 X 480 (VGA), 800 X 600 (SVGA), 1024 X 768 (XGA), 1280 X 1024 (SXGA), 1600 X 1200 (UXGA)
Visual Performance	Color display	Full color (16.77million colors)
	Input Sync Signal	DVI 1.0 compliant
Input Signal	Plug and Play	DDC2B compliant
	Input	AC adapter 100V ~ 240V (±10%) 50/60Hz
Power Supply	Maximum Power Consumption	85W Typical (with power management feature)
	Calibration Control	Luminance, Gamma, Color temp. Capability to save 3 sets of LUT settings (A calibration kit required.)
Features	OSD Information Display	Model name, Serial No., Total operating time, Calibration settings (Operating time from Last Calibration, Luminance, Gamma, Color temp, etc.), Current luminance, etc.
	USB Hub	USB Rev. 2.0 compliant, Self-powered USB upstream connector (x1), USB downstream connector (x2)
	Other Features	LED indicator
Approvals	UL60601-1, CSA C22.2 No.601.1, MDD/CE, FDA510 (k), MIC, CCC, BSMI, FCC-B, VCCI-B	
Physical Characteristics	Dimensions (incl. tilt stand)	Landscape : 474.0 (W) X 468.4 / 529.9 (H) X 220.0 (D) mm Portrait : 367.0 (W) X 521.9 / 583.4 (H) X 220.0 (D) mm
	Weight	Net: approx. 11.6kg, Without tilstand: approx. 7.4kg
	Tilt stand	Tilt, Swivel, Portrait / Landscape
	Mount	100mm VESA mounting
	Security Slot	Antitheft security slot (Panel and tilt stand)
Protective Filter	Antireflection-coated protective filter	
Accessories	AC adapter, Power cord (3P), DVI cable, Serial cable, USB cable, Operation manual	



i model —

A lineup of high-performance displays equipped with advanced luminance stabilizing system "λ-Sentinel II". Thanks to the system, the i model realized outstanding luminance stability and hands-free DICOM GSDF conformance test.

TOTOKU has obtained ISO14001 and ISO9001/ISO13485 certification which are international standards concerning environment management and quality control respectively.



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.

TOTOKU

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Additional product information is available at <http://www.totoku.com/display/>

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